Enterprise Surveillance Manager

system administrator manual | version 5.4



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Pre-Installation Guide with Windows 2008 Server & Microsoft SQL 2008 Express

This document provides detailed instructions on setting up a Microsoft Windows 2008 Server and installing all of the Pre-Requisites that are required by Microsoft and ipConfigure for use with ESM 5.4. The Installation guide utilizes screen shots for a step by step walk through on setting up the server correctly with Internet Information Services (IIS), Powershell, Windows Desktop Experience, Streaming Media Services and Microsoft SQL 2008.



SINGLE SERVER SETUP

PART A: SERVER SETUP

Ensure supported version of Windows Server 2008 operating system is installed 1. Install Internet Information Services (IIS)

- a. Install (IIS) before the .net frame work versions, the .net frameworks write information on the server and register into IIS during install.
 - **Note**: Do not Install IIS and SQL at one sitting, reboot after each item, and install them one at a time and perform Windows Updates after each item is installed.
- b. Validate Active Server Pages
- c. Validate ASP.NET
- 2. Install Windows Features (Powershell and Desktop Experience)
- 3. Install Windows Media Services
- 4. Ensure .NET Framework 2.x (included in W2K3 SP 2)
- 5. Ensure .NET Framework 3.5 (includes 2.0 updates)
- 6. Ensure .NET Framework 4.0
- Install ADO.NET Data Services Update for .NET Framework 3.5 SP1 for Windows 7 and Windows Server 2008 R2 (<u>http://www.microsoft.com/en-us/download/details.aspx?id=2343</u>)
- 8. Windows Update until no more updates available
- 9. Install SQL 2008 Express
- 10. Validate SQL TCP/IP
- 11. Install Flash 10 or higher
- 12. Configure Virus Scan to exclude archive storage directory
- 13. Turn-off 'Indexing' on storage drives
- 14. Enable 'ActiveX download' and enable 'File Download' in the Internet Explorer security settings.

Note: To ensure cameras have the correct time documented on videos, the archive server must be setup as an authoritative time server. The Windows Time Service ensures that a common time is used. For more information on how to configure the time server to ensure an accurate time display, visit http://support.microsoft.com/kb/816042 for the latest support documentation.

PART B: CLIENT WORKSTATION SETUP

- 1. Install Adobe Flash 10 or higher
- 2. Enable 'ActiveX download' and enable 'File Download' in the Internet Explorer security settings.
 - To get ActiveX enabled, you will have to go to Internet Options, then select Security; for Internet and Local Intranet, select Custom Level...
 - 1.) Enable 'ActiveX download' and enable 'File Download' in the Internet Explorer security settings.
 - A. Enable: Allow previously unused ActiveX controls to run without prop
 - B. Enable: Allow Scriptlets
 - C. Enable: Display video and animation on a webpage that does not use external media player
 - D. Prompt: Download signed ActiveX controls
 - E. Enable: Run ActiveX controls and plug-ins
 - F. Enable: Script ActiveX controls marked safe for scripting*
 - G. Enable: Automatic prompting for file downloads
 - H. Enable: File download
 - I. Enable: Font download

This will have to happen on each workstation/server that you will want to view the Matrix or Archive on, along with making sure that Adobe Flash is installed.

INTERNET INFORMATION SERVICES (IIS)INSTALLATION PROCESS

Step 1: Internet Information Server (IIS) Installation-**Initial Configuration Task**



1. Click: Add Roles

Step 3: Internet Information Server (IIS) Installation-**Select Server Roles**

| Befor You Begin Server Ades Confination Progress Results | Select one or more roles to install on this server. Roles: Active Directory Certificate Services Active Directory Certificate Services Active Directory Foldmight Therctory Fedrels Active Directory Lighted Standards Active Directory Standards A | Description: <u>Web Server (ISS</u> provides a reliable, mangeable, and scalable Web application infrastructure. |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| | More about server rules More about server rules More about server rules C C Previous | Next > Prstol Concel |

1. Enable Web Server (IIS)

Step 2: Internet Information Server (IIS) Installation

| dd Roles Wizard | | 1 |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Before You Begin | | |
| Before You Regn Server Roles Confirmation Progress Results | The wizerd heips you install roles on this server. You determine which roles to install based on the tasks you want this server to perform, such as sharing documents or hosting a Web site. Before you continue, verify that: The Administration account has a strong password • Netwick settings, such as static IP addresses, are configured • Netwick settings, such as static IP addresses, are configured • The latest security updates from Vinkows Update are mixed. If you have to complete any of the preceding steps, cancel the wizard, complete the steps, and then run the wizard again. To continue, click Next. | |
| | ☐ Skp this page by default | |
| | < Previous Next > Instal Cancel | |

1. Click Next

Step 4: Internet Information Server (IIS) Installation-**Server Roles**

| efore You Begin erver Roles | Select one or more roles to install Roles: | on this server. | Description: |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| onfirmation rogress | Active Directory Certificate S Active Directory Domain Serv | Services vices | Web Server (IIS) provides a reliable manageable, and scalable Web application infrastructure. |
| esults Add Roles | Wizard | | × |
| | You cannot install Web Server (IIS) unless the requ Features: Image: Models Activation Service Process Model Configuration APIs | uired features are also installed. Description: <u>Windows Process /</u> generalizes the IIS the dependency on | Activation Service process model, removing HTTP. All the features |
| | | Add Required | Features Cancel |
| (i) Why | vare these features required? | | 1. |
| | U windows server opdate ser | vices | |

Note: Enabling IIS on the screen requires additional Components to be selected

1. Click: Add Requested Features

Add Role Select Server Roles Select one or more roles to install on this es: Active Directory Certificate Services Active Directory Doman Services Active Directory Referation Services Active Directory Uphrought Directory Services Active Directory Rights Management Services Application Service" DHCP Service" DHCS Service" Fax Service Web Server (IIS) Role Services Confirmation File Services Network Policy and Access Services Print Services Terminal Services Web Server (IIS) at Services ndows Server Lipdate Services More about server roles < Previous Next > Instal Cancel 1. Click: Next >

Step 5: Internet Information Server (IIS) Installation Step 6: Internet Information Server (IIS) Installation

| | . (115) |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Before You Begin Server Roles Web Server (tit) Role Services Confirmation Progress Results | Introduction to Web Server (IIS) Web servers are computers that have specific software that allows them to accept requests from clent computers and return responses to those requests. Web servers let you share information over the Internet trong information and enternation. All ASI |
| | < Previous Next > Install Cancel |

1. Click: Next >

Step 7: Internet Information Server (IIS) Installation

Add Ro - 2 Select Role Services Before You Begin Select the role services to install for Web Server (IIS) Server Roles E Web Server Neb Server (IIS) -HTTP Redire redirect use destination on HTTP Features Role Confirmation Add B Add features required for Application Development? You cannot instal Application Development unless the required features are also installed hat is Windows Process Activation Service NET Environment Windows Process Activation Servi generalizes the IIS process model (i) Why are these features required? HTTP Logging Logging Tools Request Monitor Tracing Custom Logging -Cancel < Previous Next >

*Note: There are several requirements in this screen selection that need to be added, please enable all entries for this screen by placing a check mark in each box as you scroll down thru the defaults that are entries.

1. For any item selected that pops up with a secondary screen to Add Required Feature, click Add Required Features.

2. Click: Next >



Note: Please enable all entries for this screen by placing a check mark in each box as you scroll down thru the entries.

1. Click: Next >

Step 8: Internet Information Server (IIS) Installation

Step 9: Internet Information Server (IIS) Installation



This screen is a continuation of the prior screen shot from Step 8, just scrolled down to show that all entries are enabled

1. Click: Next >

Step 11: Internet Information Server (IIS) Installation



Installation Progress

Step 10: Internet Information Server (IIS) Installation

| Before You Begin Server Roles Web Server (IIS) | To install the following roles, role services, or features, click Install. 2 informational messages below |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Role Services | (i) This server might need to be restarted after the installation completes. |
| Confirmation | 🔿 Web Server (IIS) |
| Progress Results | (V) Info due more about vindowis system resource Manager (VISIAN) and how it can help optimize (C) Usage Web Server Common HTTP Restures State Content Default Dourient Directory Providing HTTP Referection Application Development ASP NET JASP Eterms CGI ISAPE Extensions ISAPE Extensions ISAPE Extensions ISAPE Extensions ISAPE Extensions |
| | Server Side Indudes Print, e-mail, or save this information |

1. Click: Install

Step 12: Internet Information Server (IIS) Installation

| Add Roles Wizard | | | 2 |
|----------------------------------|---------------------------------------------------|-----------------------------|--------|
| Installation | 1 Results | | |
| Before You Begin Server Roles | The following roles, role services, or features w | ere installed successfully: | |
| Web Server (IIS) | Web Server (IIS) | Installation succeeded | - |
| Dole Services | The following role services were installed: | | |
| Conferences | Web Server | | |
| Commation | Common HTTP Features | | |
| Progress | Static Content | | |
| Results | Default Document | | |
| | HTTP Errors | | |
| | HTTP Redirection | | _ |
| | Application Development | | |
| | ASP.NET | | |
| | .NET Extensibility | | |
| | ASP | | |
| | CGI TSADT Extensions | | |
| | ISAPI Elters | | |
| | Server Side Includes | | |
| | Health and Diagnostics | | |
| | HTTP Logging | | |
| | Logging Tools | | -1 |
| | I Request Monitor | | |
| | Print, e-mail, or save the installation report | | |
| | | | |
| | | | |
| | | revious Next > Close | Cancel |
| | | | |

Installation Results

1. Click: Close

******** If you are running Windows Server 2003 64-bit, ESM will not function correctly. There is a fix; the server will need to be set up to run as 32-bit. Navigate to the following MSDN Article and perform the steps listed

under: ASP.NET 2.0, 32-bit version.

http://support.microsoft.com/kb/894435.

Step 13: Server Manager – Add Features – Windows Desktop Experience and Powershell

| 0 | Provide Computer Information | 1 | Specifying computer information |
|-----|----------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| | Set time zone | Time Zone: | (GMT-06:00) Central Time (US Canada) |
| | Earligure networking | Local Area Connection: | 192 168 101.51 |
| | Provide computer name and domain | Full Computer Name: Domain: | IPC-VM2008-002 (pconfigure.com (pconfigure.com |
| 0 | Update This Server | | Updating your Windows server |
| | Enable automatic updating and feedback | Updates: Feedback: | Download updates only, using Windows Update Windows Emor Reporting off Not participating in Customer Experience Improvement Program |
| | and install updates | Checked for Updates: Installed Updates: | 1/6/2010 9:55 AM 1/6/2010 9:44 AM |
| 6 | Customize This Server | | Quatomizing your server |
| | Add roles | Roles: | Web Server (IIS) |
| ┹╲ | Add features | Features: | NET Framework 3.0 Features, Remote Server Administration Tools, Windows Process / Service |
| + | Enable Remote Desktop | Remote Desktop: | perform, such as backing up files with the Windows Server Backup feature. Disabled |
| | Configure Windows Firewall | Firewall: | On |
| Pan | t, e-mail, or save this information | | |

*Note: A few new requirements in using Windows 2008 SQL Server and IIS are the additions of the Windows Desktop Experience and Powershell. These are needed for Web Media and SQL 2008 Pre-Requisites.

1. Click: Add Features

Step 15: Server Manager – Add Features – Windows Desktop Experience and Powershell



- 1. Enable Windows Powershell
- 2. Click: Next >

Step 14: Server Manager – Add Features – Windows Desktop Experience and Powershell

| Features Confirmation | Select one or more features to install on this server. Features: | Description: |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Progress Results | B MET Praneviork 3.0 Features (Installed) Bit.ods/Drive Encryption Dist.ods/Drive Encryption Connection Netrager Administration Nit Netro Netrone Service LANP Fort Monitor Remote Administration Toxic (Installed) Context Differential Corpression Remote Administration Toxic (Installed) Remote Administration Toxic (Installed) Remote Server Administration Toxic (Installed) Single TC/IP/B Services Connect TEMP Requires More Administration Toxic (Installed) Connect Temp Revises Connect Tem | Dekkor Boweiners induder Fahrers of Windows Vista, such as Windows Media River, desktory Vista, such as Windows Media River, desktory benes, and photo management. Desktop Experience does not enable am of th Window Vista fautures; you must manually enable Den. |

1. Enable Desktop Experience

2. Scroll down to bottom of this screen for other entries.

Step 16: Server Manager – Add Features – Windows Desktop Experience and Powershell

| Add Features Wizard | | 2 |
|-------------------------------------------------|---------------------------------------------------------------------------|----|
| Confirm Ins | stallation Selections | |
| Features Confirmation Progress Results | To instal the following roles, role services, or features, click Install. | - |
| | Print, e-mail, or save this information | |
| | < Previous Nexter Instal Canc | el |

1. Click: Install

Step 17: Server Manager – Add Features – Windows Desktop Experience and Powershell

| | The following roles, role services, or features are being installed: | | | |
|------------------|----------------------------------------------------------------------|--|--|--|
| onfirmation | Desktop Experience | | | |
| geress isults | Windows PowerShell | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Progress Indicator

Step 18: Server Manager – Add Features – Windows Desktop Experience and Powershell

| Add Features Wizard | | | |
|--------------------------------------|----------------------------------------------|----------------------------------------------|--|
| Installation | Results | | |
| Features Confirmation Progress | One or more of the following roles, role so | ervices, or features require you to restart: | |
| Results | Desktop Experience | 🔥 Restart Pending | |
| | 🛕 You must restart this server to fin | ish the installation process. | |
| | Windows PowerShell | A Restart Pending | |
| | | | |
| | Print, e-mail, or save the installation repo | d. | |
| | | < Previous Next > Close Cancel | |

*Note: The Warning Indicators for this screen just require a System Restart

1. Click: Close

Step 19: Server Manager – Add Features – Windows Desktop Experience and Powershell

| dd Fe | atures Wizard |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Do you want to restart now? |
| | This server must be restarted to finish the installation process. You cannot add or remove other roles, role services, or features until the server is restarted. |
| | Ver No. |

1. Click: Yes

Step 20: Server Manager – Add Features – Windows Desktop Experience and Powershell

| Resume Configuration Wizard | |
|-----------------------------|-------------------------------------------------|
| Resuming Confi | guration |
| Resuming Configuration | Please wait while the configuration is resumed. |
| Progress | |
| Results | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | Resuming configuration |
| | |
| | < Previous Next > Close Cancel |
| | |

*Note: After the system reboots and you log back on to the server, the installation of the Windows Desktop Experience and Powershell resumes installation.

Step 21: Windows Media Services and Internet Information Server (IIS) Installation

| Resume Configuration Wizard | | |
|-----------------------------|------------------------------------------------|-----------------------------------|
| Installation Re | sults | |
| Resuming Configuration | The following roles, role services, or featu | ures were installed successfully: |
| Results | Desktop Experience | Installation succeeded |
| | Windows PowerShell | Installation succeeded |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | Print, e-mail, or save the installation report | <u>t</u> |
| | | < Previous Next > Close Cancel |
| | | |

1. Click: Close

Windows Installer 4.5

32-bit Operating Systems ONLY

Windows Installer 4.5 needs to be downloaded; it is a requirement to be able to install Windows 2008 SQL Server. Microsoft Windows Installer is a component of the Windows operating system. Windows Installer provides a standard foundation for installing and uninstalling software.

Download of redistributable file can be found at: http://support.microsoft.com/kb/942288 Windows Installer 4.5 for Windows 2008 Server, 32 Bit – Windows6-0-KB942288-v2-x86.msu

Windows Media Services

Windows Media Services <u>is not included</u> with Windows Server 2008 or Windows Server 2008 Web Edition. (for R2 versions of 2008, please proceed the next step)

<u>*64-bit R2 OS* For R2 versions of Server 2008</u>, there is a single R2 version of the Windows Media Services Installer. (Windows6.1-KB963697-x64.msu) This single installer will install all components needed that were part of the 3 separate installers for the previous 32-bit and non-R2 64-bit Server 2008 OS.

http://www.microsoft.com/downloads/en/confirmation.aspx?FamilyID =b2cdb043-d611-41c9-91b7-cddf6e5fdf6b Installation is for the Windows 2008 X86

http://www.microsoft.com/downloads/details.aspx?Fam ilyId=9CCF6312-723B-4577-BE58-7CAAB2E1C5B7&displaylang=en

Three files that need to be downloaded include: Windows6.0-KB934518-x86-Server.msu Windows6.0-KB934518-x86-Core.msu Windows6.0-KB934518-x86-Admin.msu

*<u>For 64-bit non-R2 OS</u>, choose the same three components that end with x64 (i.e. Windows6.0-KB934518-x64-Server.msu)

Step 22: Server Manager – Add Roles – **Streaming Media Services**

| Kanager (IPC-VM2008-0 | 02) Roles | | |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------|
| tures mostics figuration | View the health of the roles installe | d on your server and add or remove roles and fe | atures. |
| | Roles Summary | | Roles Summary Help |
| | Roles: 1 of 18 installed Web Server (115) | | Add Roles |
| | • Web Server (IIS) | | Web Server (IIS) Help |
| | Provides a reliable, manageable, and scalable | Web application infrastructure. | |
| | Role Status | | Go to Web Server (IIS) |
| | Messages: None | | |
| | System Services: 4 Running, 3 Stop Events: None in the last 24 hours | æd | 🛃 Add Role Services |
| | System Services: 4 Running, 3 Stopp Events: None in the last 24 hours | eed | Add Role Services |
| | System Services: 4 Running, 3 Stop Events: None in the last 24 hours Role Services: 46 installed Role Service: Web Service | Status Tretalari | Add Role Services |
| | System Services: 4 Rumning, 3 Stop Events: None in the last 24 hours Role Services: 46 installed Role Service Web Server Common HTTP Peakures | Status Instaled Instaled | Add Role Services |
| | System Services: 4 Running, 3 Steps Events: Hone in the last 24 hours Role Services: 46 installed Role Service State Content State Content | Status Instaled Instaled Instaled | Add Role Services |
| | System Service: 4 Auroing, 3 Steps Events: Nove in the last 24 hours Rels Service: 4 installed Rels Service: 4 installed Rels Service: 4 installed Rels Service: 5 installed State Content State Content State Content | Status Drataled Drataled Drataled Drataled | Add Role Services |
| | System Services: 4 Auroring, 3 Store Events: Hore in the last 2 Hours (*) Role Services: 49 installed Role Services: 49 installed | Status Detailed Detailed Detailed Detailed Detailed | 📸 Add Role Services |
| | System Services: 44. Auroreg, 3 Store Events: Toxin in the last 2 Hours | Statur Drutaled Drutaled Drutaled Drutaled Drutaled Drutaled Drutaled | Add Role Services |
| | System Services - 4 Alturning, 30top Events: Nove in the last 24 hours Control Services - 45 installed Reference Web Service Services - 45 installed Reference Services - 45 installed Services - 45 | Statu Statue Stataled Stataled Stataled Stataled Instaled Instaled Instaled | Add Bale Services |
| | System Services - Alturning, Steve Events: Unove in the last 23 hours Co. Role Services - 40 notaled Exercises - 40 notaled | Status Detabled Detabled Detabled Detabled Detabled Detabled Instabled Instabled Instabled | Add Role Services |

Streaming Media Services need to be installed in order to be able to stream video from the server. The Windows Media Services file(s) that were installed prior to this screen shot downloaded this into your server. Now, it has to be enabled.

Click: Add Roles 1.

Step 24: 2008 Server Manager - Add Roles Wizard -**Streaming Media Services – Introduction**



Click: Next > 1.

Step 23: Server Manager - Add Roles Wizard -Streaming Media Services - Server Roles

| Setore You Begin Server Roles | Select one or more roles to install on this server. Roles: | Description: |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Streaming Media Services Role Services Data Transfer Protocols confirmation Yogress Results | Active Directory Certificate Services Active Directory Coman Services Active Directory Federators Revices Active Directory Reprint Management Services Active Directory Reprint Management Services Application Server Dird Server Dird Server Reserver Reserver Reserver Reservices Print Services Verbalay Medua Services Windows Server Updete Services Windows Server Updete Services | Streaming Media Services delivers continued flow of digital audio an video content to clients across a network. |

1. Place a checkmark in the Streaming Media Services selection.

Step 25: 2008 Server Manager - Add Roles Wizard -

Streaming Media Services – Run Services

2. Click: Next >

| Sefore You Begin Server Roles | Select the role services to install for Streaming Media Services: Role services: | Description |
|----------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Streaming Media Services | V Windows Media Server | Windows Media Server provides |
| Role Services | Web-based Administration | support for delivering digital media content to clients across a network |
| Data Transfer Protocols | Logging Agent | |
| Confirmation | | |
| rogress | | |
| | | |

- Place a checkmark in the Windows Media Server. 1.
- Click: Next > 2.

Step 26: 2008 Server Manager – Add Roles Wizard – Streaming Media Services – Data Transfer Protocols

| Add Roles Wizard | | × |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Select Data Tr | ansfer Protocols | |
| Before You Begin Server Roles Streaming Media Services Role Services Data Transfer Protocols Confirmation Progress Results | Select at least one data transfer protocol for streaming digital media content. Real Time Streaming Protocol (RTSP) Delives undext streams to protocol (RTSP) Delives undext streams to protocol (RTSP) Delives undext framefor Protocol (RTSP) Delives undext streams to computers running any version of Windows Media Player or Windows Media Protocol Transfer Protocol (RTTP) Delives undext streams to computers running any version of Windows Media Player or Windows Media Protocol Transfer Protocol (RTSP) Delives undext streams to computers running any version of Windows Media Player or Windows Media Player Streams of the enabled because Internet Information Services (DE) is using port 80 for https://doi.org/10.1000/000000000000000000000000000000 | |
| | < Previous Next >Cancel | Ĭ |

- Leave the default for the Real Time Streaming Protocol checked.
- 1. Click: Install

Step 28: 2008 Server Manager – Add Roles Wizard – Streaming Media Services



Installation Results

1. Click Close

Step 27: 2008 Server Manager – Add Roles Wizard – Streaming Media Services – Configuration

| Add Roles Wizard | | | |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---|
| Confirm Instal | lation Selections | | |
| Before You Begin Server Roles Streaming Media Services Role Services Data Transfer Protocols | To install the following roles, role servic () 1 informational message below () This server might need to be resi () Streaming Media Services | es, or features, click Install. Iarted after the installation completes. | _ |
| Jaa Fanter voidoos Confination Progress Rebuts | Vindors Hedia Server Real Time Streaming Protocol (17379): Hypertext Transfer Protocol (HTTP): | Enabled Disabled | |
| | Print, e-mail, or save this information | | |
| | | < Previous Next > Instal Cancel | |

1. Click: Install

SQL EXPRESS INSTALLATION PROCESS

<u>Microsoft SQL Server 2008 Express Edition</u> is the free, easy-to-use, lightweight version of SQL Server 2008. Integrated with Microsoft Visual Studio 2008, SQL Server Express makes it easy to develop data-driven applications that are rich in capability, offer enhanced storage security, and are fast to deploy.

SQL Server Express is free to redistribute and can be seamlessly upgraded to more sophisticated versions of SQL Server. SQL Server Management Studio Express is included in the file that is downloaded.

SQL Express 2008 - Runtime with Management Tools -can be downloaded from the Microsoft website

(This is a 224 MB install/download file):

Note: Do Not Use the Web Based SQL Express 2008 installation; it does not give you the opportunity to create a default instance for setting up SQL Server. Along with a known bug issue that cannot be addressed by using the Web Based installation. This is a Microsoft SQL issue

| 32 bit: | http://download.microsoft.com/download/7/9/4/794b fafa-aea7-45d4-a6ea- 4e92f09918e3/SQLEXPRWT_X86_ENU.exe |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 64 bit: | http://download.microsoft.com/download/7/9/4/794b fafa-aea7-45d4-a6ea- 4e92f09918e3/SQLEXPRWT_X64_ENU.exe |
| 64 bit R2: | http://care.dlservice.microsoft.com/dd/download/5/5 /8/558522E0-2150-47E2-8F52- FF4D9C3645DF/SQLEXPRWT_x64_ENU.exe?lcid=103 3&cprod=SQLEXP |

System Requirements

| Component | Requirements |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating system | Windows Server 2008 |
| Database | Microsoft SQL Express 2008 |
| Processor | A 2 gigahertz (GHz) processor with an Intel Pentium IV or Advanced Micro Devices (AMD) processor or better. |
| RAM | 1 gigabyte (GB) or better, preferably more |
| Free hard disk space | 250 GB or better. (This depends on the number of cameras and how many days' recordings will be held in Archive Mode. For configuring information on this, please contact the ipConfigure Sales team. |

Step 1: SQL Express 2008 Installation – Open File – Security Warning



After acquiring the execute file for SQL Express that was either downloaded, or if you have a version on CD, start the installation.

1. Click: Run

Step 2: SQL Express 2008 Installation – SQL Server Installation Center



To see if your server meets the needs of the SQL Installation, first run the Install upgrade Advisor. If all conditions are met then proceed with installation

1. Click: Installation

Step 3: SQL Express 2008 Installation – SQL Server Installation Center



This is a new installation of SQL Server 2008 for a standalone installation.

1. Click: New Server stand-alone installation or add features to an existing installation

Step 4: SQL Express 2008 Installation – Setup Support Rules

| Setup Support Rules | Operation completed. Passed: 6. Failed 0. Warning 0. Skipp | ved 0. |
|---------------------|------------------------------------------------------------|--------|
| | | |
| | Show details >> | Renv |
| | The delated report | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Check the top line for Passed, Failed, Warnings, and Stopped. Show details if you do not have all Passed.

Items that come up as Warnings will not stop the installation but you will need to address them if the installation does not proceed. Items that show Failed or Stopped will need to be addressed before continuing.

1. Click: Ok

ipConfigure

Step 5: SQL Express 2008 Installation – Product Key



With using SQL Express 2008, it is a free version that does not require a Product Key. If you are using a full version of SQL Server 2008, please enter your information for the product that you have purchased.

1. Click: Next >

Step 7: SQL Express 2008 Installation – Setup Support Files

| SQL Server 2008 Setup | | | |
|----------------------------------------------------------|-------------------------------------------|--------------------------------------|--------|
| Setup Support Files Click Install to Install Setup Se | upport files. To install or update SQL Se | rver 2008, these files are required. | |
| Product Key | The following components are | required for SQL Server Setup: | |
| License Terms | Feature Name | Status | |
| Setup Support Files | Setup Support Files | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | < Back Install | Cancel |

1. Click: Install

Step 6: SQL Express 2008 Installation – Microsoft License Terms

| Product Key | |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| License Terms | MICROSOFT SOFTWARE LICENSE TERMS |
| Setup Support Files | MICROSOFT SQL SERVER 2008 EXPRESS WITH TOOLS EDITION |
| | MICROSOFT SQL SERVER 2008 EXPRESS WITH ADVANCED SERVICES EDITION |
| | These license terms are an agreement between Microsoft Corporation (or based on where you like, one of its affliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft |
| | updates, |
| | supplements, |
| | Internet-based services, and |
| | support services |
| | for this software, unless other terms accompany those items. If so, those terms apply. |
| | AN HORE THE COTTRACT WALLACCENT THESE TERMS. IT WALL DO NOT ACCENT THEM |
| | |
| | |

1. After reading through the terms, place a checkmark in the 'I accept the license terms' box.

2. Click: Next >

Step 8: SQL Express 2008 Installation – Setup Support Files

| SQL Server 2008 Setup | | | -10 |
|----------------------------------|-------------------------------------------|---------------------------------------|-----|
| Setup Support Files | | | |
| Click Install to install Setup 5 | Support files. To install or update SQL S | erver 2008, these files are required. | |
| roduct Key | The following components a | e required for SQL Server Setup: | |
| cense Terms | Feature Name | Status | |
| etup Support Files | Setup Support Files | In Progress | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Performing Windows Installe | actions. | |
| | | | |
| | | | |
| | | 10.1 | |

Progress Indicator

Step 9: SQL Express 2008 Installation – Setup Support Rules

| etup Support Rules | Ope | ation completed. Passed: 10. Failed 0. Warning 1. Skipped 0. | |
|-------------------------------------------------------------------------|-----|--------------------------------------------------------------------|---------|
| isk Space Requirements mor and Usage Reporting Installation Rules | Hid | e details << detailed report | Renut |
| eady to Install rstallation Progress | | Rule | Status |
| ompiete | 0 | Pusion Active Template Library (ATL) | Ensed |
| | 0 | Unsupported SQL Server products | Ensed |
| | 0 | Performance counter registry hive consistency | Encod |
| | 0 | Previous releases of SQL Server 2008 Business Intelligence Develop | Encod |
| | 0 | Previous CTP installation | Encod |
| | 0 | Consistency validation for SQL Server registry keys | Ensed |
| | 0 | Computer domain controller | Ensed |
| | 0 | Microsoft JNET Application Security | Encod |
| | 0 | Editon WOW64 platform | Ensed |
| 5 | 0 | Windows PowerShell | Encod |
| | 4 | Vindovis Frenal | Tarring |

Check the top line for Passed, Failed, Warnings, and Stopped. Show details if you do not have all Passed.

Items that come up as Warnings will not stop the installation; in this example the Windows Firewall has not been configured. Items that show Failed or Stopped will need to be addressed before continuing.

1. Click: Next >

Step 11: SQL Express 2008 Installation – Instance Configuration



When installing SQL Express 2008, there is a known bug issue that will not let you install as a default instance, which is required by ipConfigure. To get around this, in the Named Instance and Instance ID, please input:

MSSQLSERVER

Step 10: SQL Express 2008 Installation – Feature Selection

| Setup Support Rules | Features: | Description: |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Feature Selection Data Copéraismon Dat Space Réquiration Server Configuration Server Configuration Straur and Usage Reporting Databate Report Strautistico Rules Databate Report Stady to Subtation Databate Report Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady Stady St | Managament Traduction □ Co. Server Real Proof Features ■ Managament Traductions Redistributions Feature Redistributions Feature 3 | 2 SQL Clerit Convectivity SDC |
| | Select All Unselect All Shared feature directory: C.(Program | Fier/Moneoft SQ, Server/ |

- 1. Select Database Engine Service
- 2. Select Management Tools Basic
- 3. Select SQL Client Connectivity SDK
- 4. Click: Next >

Step 12: SQL Express 2008 Installation – Instance Configuration

| SQL Server 2008 Setup | | | | | |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------|-------------|----------|-------------|
| Instance Configuration Specify the name and instance ID |) for the SQL Server instance. | | | | |
| Setup Support Rules Product Key License Terms | Qefault instance Nigned instance: | MSSQLSERVER - | ~ | \smile | |
| Peature Selection Instance Configuration Disk Space Requirements Server Configuration | Instance [D: Instance got directory: | MSSQLSERVER C:Iphogram Files | 1000 50 | \frown | |
| Database Engine Configuration Error and Usage Reporting Installation Rules Ready to Install | SQL Server directory: Installed instances: | C:/Program Files | Morosoft SQ | | VER |
| Installation Progress Complete | Instance | Features | Edition | Version | Instance ID |
| | | | | | |
| | | | < ĝack | Spot > | Cancel Help |

1. Select Named Instance and input MSSQLSERVER

2. For Instance ID input **MSSQLSERVER** if the software did not update it to reflect that in step 1.

3. Click: Next >

Step 13: SQL Express 2008 Installation – Server Services Configuration

| Server Configuration | | | | 145 | 0.00 |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------|------------|
| etup Support Rules Irature Selection Instance Configuration Disk Space Requirements Server Configuration | Service Accounts Collation Microsoft recommends that you Service SQL Server Database Engine | use a separate account for each S | QL Server servic Password | x. Startup Type Automatic | 14 |
| Gatabase Engine Configuration Installation Rules beady to Install installation Progress Complete | These services will be configure older Windows versions the use Help. | Use the si d automatically where possible to rwll need to specify a low privileg | ome account for use a low privile pe account. For | all SQL Server servi ge account. On son nore information, d | ice Sic |
| | Service | Acrount Name | Password | Startup Type | - |
| | SQL Server Browser | NT AUTHORITY'LOCAL S | | Disabled | 2 |
| | | | | | |

SQL needs to have credentials entered for the SQL Server Database Engine to run the services.

1. Click on Use the same account for all SQL Server Services.

Step 14: SQL Express 2008 Installation – Server Services Configuration

| Server Configuration Specify the configuration. | | | | |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------|
| Setup Support Rules Feature Selection Instance Configuration | Service Accounts Colation Microsoft recommends that you | use a separate account for e | ach SQL Server servic | z. |
| Disk Space Requirements | Service | Account Name | Password | Startup Type |
| Server Configuration | SQL Server Database Engine | | | Automatic 💌 |
| Instalation Rules Pygdy to Install Initialiation Progress Complete | These services will be configure older Windows versions the use Help. Use the same account for all Specify a user name and pass | automatically where possib will need to specify a low pr SQL Server 2008 service word for all SQL Server serv | ole to use a low privile rivilege account. For r | ge account. On some nore information, click |
| | Account Name: VT AUTHOR | TY WETWORK SERVICE TY (SYSTEM | × | Browse Cancel |
| | | | | |

1. In the new window that appears, under Account Name, click on the arrow down button to get the built in Windows Accounts.

2. Select NT Authority\Network Service

Step 15: SQL Express 2008 Installation – Server Services Configuration – SQL Server Services

| Server Configuration Specify the configuration. | | | | |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------|--------------|
| Setup Support Rules Feature Selection Instance Configuration | Service Accounts Collation | u use a separate accou | int for each SQL Server servi | ce. |
| Jisk Space Requirements | Senice | Account Name | Password | Startup Type |
| ierver Configuration | SQL Server Database Engine | | | Automatic 💌 |
| staliston Ruke eady to Partal staliston Progress onglete | These services will be configur older Windows versions the ur Heip. Use the same account for Specify a user name and pa Account Name: VT AUTHO | ed automatically where er will need to specify. | rpossible to use a low privile a low privilege account. For critices | Browse |
| | Password: | | | Cancel |
| | | | | |

1. Click: Ok

Step 16: SQL Express 2008 Installation – Server Configuration – SQL Server Services

| Specify the configuration. | | | | | |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------|--------------|
| tup Support Rules | Service Accounts Collation | | | | |
| ature Selection | Micropoft recommends that you use a separate account for each SQL Server service. | | | | |
| sk Space Requirements | Service | Account Name | Password | Startup Type | |
| over Configuration | SQL Server Database Engine | NT AUTHORITY WETWOR | | Automatic | |
| NOV TO LANSING CONTRACTOR | Where a sector will be configured | automatically where a southing to | | and a second first | |
| ov to Listan dv to Listan spece | These services will be configured older Windows versions the user Help. | automatically where possible to will need to specify a low privile | use alow privile ge account. For | nge account. On si more information, | ome click |
| noy to arresten adviso (Antro) Adviso (Antro) Role Se | These services will be configured older Windows versions the user Help. Service | automatically where possible to will need to specify a low privile Account Name | puse a low privile ge account. For Password | nge account. On si more information, Startup Type | click |
| eoy to yrace eoy to jracal eoy to jracal HDENE | These services will be configured older Windows versions the user Help. Service SQL Server Browser | automatically where possible to will need to specify a low privile Account Name NT AUTHORITY/LOCAL S | ge account. For Password | ope account. On si more information, Startup Type Disabled | dick |
| Very a rate Dependent of the second Dependent of the second Dependent | These services will be configured older Windows versions the user Help. Service Service Service | automatically where possible to will need to specify a low privile Account Name for Auth-CRETYLOCAL S | use a low privile ge account. For Password | spe account. On si more information, Startup Type Disabled | die |

Leave the rest of the options as disabled.

1. Click: Next >

Step 17: SQL Express 2008 Installation – Database Engine Configuration—SQL Server Services

| ation |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| s security mode, administrators and data directories. |
| Account Previsioning Data Directories PELETREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode C Windows authentication mode C Windows Education mode C Windows Education mode C Windows Education and Windows authentication) Built-in SQL Server system administrator account Enter parameteric Exercise SQL Server administrators Specify SQL Server administrators Specify SQL Server administrators Add Current User Add Remove |
| |

ipConfigure needs to have this setup as a Mixed Mode install.

- 1. Select Mixed Mode (SQL Server authentication and Windows authentication.
- 2. Chose a password and enter it in the password and Confirm Password Fields.

Step 19: SQL Express 2008 Installation – Error and Usage Reporting



Leave both boxes unchecked.

1. Click: Next >

Step 18: SQL Express 2008 Installation – Database Engine Configuration

| Database Engine Config Specify Database Engine authentice | Iration |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ietus fuquori Ruins trature Selection Instance Configuration Dis Sucie Requirements Berrer Configuration Distalaster of Recording Instalation Ruies Badry Io Shatal Instalation Ruies Badry Io Shatal Instalation Ruies Badry Io Shatal Instalation Ruies Badry Io Shatal | Account Provisioning Data Directories PLESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode - (*) Windows authentication mode (*) Windows authentication) Built-in SQL Server authentication and Windows authentication) Built-in SQL Server system administrator account Enter parswords Specify SQL Server administrator Specify SQL Server administrator Specify SQL Server administrator Specify SQL Server administrator Specify SQL Server administrator Enter parswords Specify SQL Server administrator Specify SQL Server administrator Specify SQL Server administrator Enter parswords Mathematication Mode Enter parswords Specify SQL Server administrator Specify SQL Server administra |

After selecting Mixed Mode and entering a password for the SQL Administrator account, you will need to click Add User.

- 1. Click: Add Current User
- 2. Click: Next >

Step 20: SQL Express 2008 Installation – Installation Rules

| SQL Server 2008 Setup | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Installation Rules | if the installation process will be blocked. For more information, which | uuta |
| Setup is running rules to determin Setup Support Rules Peakee Selection Del Space Reparements Server Configuration Del Space Reparements Server Configuration Del Space Reparements Server Configuration Del Space Reparements Server Configuration Del Space Reparements Del Space Reparement | f the installation process will be blocked. For more information, dick Operation completed. Passed: 5. Failed 0. Warning 0. Skipped Show details >> Your details >> Your details react | rego. 12. |
| | | |
| | < Back | Next > Cancel Help |

Check the top line for Passed, Failed, Warnings, and Stopped. Show details if you do not have all Passed.

1. Click: Show details >>

Step 21: SQL Express 2008 Installation Rules

| Operation completed. Passed: 9. Failed 0. Warning 0. Skipped 2. | |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | |
| | |
| Pide details << | Ke-N |
| View detailed report | |
| Rule | Status |
| Same architecture installation | Passed |
| Cross language installation | Passed |
| Existing dustered or duster-prepared instance | Passed |
| Reporting Services Catalog Database File Existence | Not applicable |
| Reporting Services Catalog Temporary Database File Existence | Not applicable |
| SQL Server 2005 Express tools | Passed |
| Operating system supported for edition | Passed |
| PAT32 File System | Passed |
| SQL Server 2000 Analysis Services (64-bit) instal action | Passed |
| C Instance name | Passed |
| Provide a calculate of Managah Vie of Rando 2008 | Passed |
| | Operation completed. Passed: 9. Failed 6. Warning 6. Skipped 2. Hide details << Ware detailed result Same architecture installation Cross language i |

For this installation, we did not choose to have reporting installed as it is not needed for ipConfigure.

If there are items that have failed, you will need to resolve those issues before continuing.

If no errors and items are Not Applicable then continue to step 1.

1. Click: Next >

Step 23: SQL Express 2008 Installation – Installation Progress

| Installation Progress | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Setur Suport Rules Feature Selector Durance Configuration Die Sozie Regulerentis Serier Configuration Die Internet Resurgs Tradition Rules Ready to Install Tradition Progress Complete | Running validation configuration timing. |
| | Next > Cancel Help |

Installation Progress Indicator

Step 24: SQL Express 2008 Installation – Installation Progress Complete

| SQL Server 2008 Setup | | |
|--------------------------------------------------------------------|-----------------------------|--------------------|
| Installation Progress | | |
| Setup Support Rules Feature Selection Instance Configuration | Setup process complete | |
| Disk Space Requirements Server Configuration | | |
| Database Engine Configuration | Pesture name | Status General |
| Error and Usage Reporting | Management Tools - Basic | Success |
| necesion kules bearly to freital | SOL Client Connectivity SOK | Success |
| Complete | | |
| | | |
| | | Next > Cancel Help |

The three entries should show success.

1. Click Next >

Step 22: SQL Express 2008 Installation – Ready to Install

| Setup Support Rules | Ready to install SQL Server 2008: |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ireture Selection Instance Configuration Sols Soace Requirements Server Configuration Database Engine Configuration Database Engine Configuration Proteilation Rules Ready to Install Installation Progress Complete | Sumary -Stoney -Stoney -Stoney -Action Jonal Gener Configuration -Action Jonal Gener Configuration -Contables Engine Services -Reagenent Trols -Stack -Stack Configuration -Instance Iname SQLOPMESS -Instance DI SQLSpress Generation Dentation Sumary DI Suma |
| L ₈ | |
| | 4 |

1. Click: Install

Step 25: SQL Express 2008 Installation - Completed



The information screen should display a completed successfully screen, if any other results are displayed you will need to address those issues. By following this guide step by step, you should have successfully installed SQL Server 2008.

- Review the information concerning your install. 1.
- 2. Click: Close

Step 27: SQL Express 2008 Configuration Manager **TCP/IP** Properties

| Enabled | No | |
|------------|-----|--|
| Listen All | Yes | |
| /\ | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

- Select: Protocol Tab 1.
- 2. Set 'Enabled' to Yes
- Select IP Addresses Tab 3.

Step 26: SQL Express 2008 Configuration Manager -**TCP/IP** Properties

| Protocol Name Shared Memory Named Pipes TCP/IP VIA Enable Disable Proper Help | Status Enabled Disabled led |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| | Protocol Name Shared Memory Named Pipes TCP/IP VIA Enable Disable Help |

Open SQL Server Configuration Manager. 1.

- 2. Select Protocols for SQLEXPRESS
- 3. Right Click TCP/IP
- Select Properties 4.

TCP/IP Properites

| IP2 | | - |
|-------------------|----------------|---|
| Active | Yes | |
| Enabled | Yes | |
| IP Address | 127.0.0.1 | |
| TCP Dynamic Ports | | _ |
| TCP Port | 1433 | |
| IP3 | | |
| Active | Yes | |
| Enabled | Yes | |
| IP Address | 192.168.100.35 | |
| TCP Dynamic Ports | | |
| TCP Port | 1433 | |
| IPAII | | |
| TCP Dynamic Ports | | |
| TCP Port | 1433 | |

Step 28: SQL Express 2008 Configuration Manager

- Set: 'Active' to Yes for both your internal address and 1.
- 127.0.0.1 address the
- Set: 'Enabled' to Yes 2.
- 3. Set: 'TCP Port' to 1433
- 4. Click Apply or go directly to 5.
- Click Ok 5.

Step 29: SQL Express 2008 Configuration Manager TCP/IP Properties



1. Click: OK

Step 30: SQL Express 2008 – SQL Server 2008 Management Studio



1. Start SQL Server 2008 Management Studio

Step 32: SQL Express 2008 – Restart Database Services



1. Right click at the top line that shows the server name.

2. Select Restart

Windows Updates

You will need to run the Windows Update on the server with reboots after each. Continue to do the Windows Update after each reboot until there are no longer any items to be updated

Step 31: SQL Express 2008 - Login

| erver name: | | |
|----------------|------------------------------|----|
| | IPC-VM2008-002 | - |
| uthentication: | Windows Authentication | • |
| User name: | IPC-VM2008-002\Administrator | w. |

Step 33: SQL Express 2008 – Restart Database Services – Confirmation

| 2 | Are you sure you want to restart the MSSQLS | ERVER service on IPC | -VM2008-0017 | |
|---|---------------------------------------------|----------------------|--------------|--|
| • | | | | |

1. Click Yes to restart

ipConfigure ESM 5.4 Software Installation Process (For 2003/2008 Server)

This document provides a detailed explanation of how to install the Enterprise Surveillance Manager (ESM 5.4) Server Software. The installation guide utilizes screen shots of an actual ESM 5.4 system and includes a numbering methodology to reference screen attributes. The attributes are associated with a page legend to provide a detailed explanation of each attribute.

Step 1: ESM Software Installation



The ESM Software Installation file may have been supplied to you through our FTP download server. If you did not receive this access, please email tech support

(techsupport@ipconfigure.com). For help with FTP, please refer to our knowledgebase article

(http://www.ipconfigure.com/support/index.php?/Knowledge base/Article/View/114/0/ftp-download-instructions-for-esmpackages-using-windows-explorer)

1. Click Next >

Step 2: End-User License Agreement

| 🙀 ipConfigure ESM 5.2 Setup | × |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| End-User License Agreement Please read the following license agreement carefully | 2 |
| ipConfigure Inc. End User License Agreement | - |
| Use and Acceptance of Contract Terms. The following are te nent between you ("Licensee") and ipConfigure. Inc. a ("Licensor") governing your use of certain software wrmoaded in this installation process (the "Software"), and the | rms of a Virginia e to be e related |
| I agree to the terms in the License Agreement I do not agree to the terms in the License Agreement | $\mathbf{)}$ |
| Advanced Installer < Back Next > | Cancel |

- 1. Review and accept the terms in License Agreement
- 2. Click: Next >

Step 3: System Components



1. Select 'Full Install' to Install Management and Archive Server

2. Click: Next >

Step 4: SQL Database



- 1. Enter Server name or IP address
- 2. Enter Port number

3. Check the 'Trusted Connection' box if your connection is trusted

4. If your connection is not trusted, unclick 'Trusted
Connection' box and enter SQL Username and SQL Password.
*Note-Only need to fill out SQL boxes if connection is not trusted

5. Click: Next >

| QL Database | | |
|-------------------------------|----------------|---------------|
| Confirm the database settings | | Č |
| Management Server Database | | |
| UPDATE | ESM5_2_Central | |
| | U | |
| Remote Server Database | | |
| UPDATE | ESM5_2 | $\overline{}$ |
| | | 5 |

*Note- The installer will auto populate based on a SQL but if you would like to manually control or the automatic lookup is wrong, click on the drop down arrow and select the function required.

1. Select the option that applies to you:

NEW- Installs a completely new version of ESM

UPDATE- Updates the current ESM version to the most current version

UPGRADE- Checks for upgrades to the current ESM version

2. Click: Next >

Step 6: Authentication

| 醇 ipConfigure ESM 5.2 Setup | × |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Authentication | |
| Values required to configure authentication for ipConfigure ESM 5.2 | She a |
| © Internal Authentication | |
| Active Directory Settings | |
| Fully Qualified Domain Name: | |
| Active Directory Group for ESM System Admins: BuiltIn\Administrators | |
| The Active Directory group needs to exist and the initial User ID that will be used administer the system needs to be a member of this group. | to |
| Advanced Installer | |
| <back next=""></back> | Cancel |

1. Click Internal Authentication. (For Active Directory Authentication see Step 7)

2. Click Next >

Step 7: Authentication: Active Directory



1. If you wish to use Active Directory, click 'Active Directory'

and fill in appropriate fields under 'Active Directory Settings'

- 2. Enter the Fully Qualified Domain Name
- 3. Enter the Active Directory Group for ESM System
- Admins
- 4. Click Next >

Step 9: Installation Path: Select Folder



1. Select folder destination for ESM 5.4 Web Service to be installed

2. If you do not know the folder name, click 'Browse...' to select folder

3. Click: Next >

Step 8: System Properties

| 뤻 ipConfigure ESM 5.2 Setup | × |
|---------------------------------------|----------------------|
| ESM System Properties | |
| Values required to configure ipConfig | ure ESM 5.2 |
| System Title Text: | pConfigure ESM 5.2 |
| Management Server IP (or DNS Name): | 2 |
| Archive Server IP (or DNS Name): | |
| SMTP Server: | 4 |
| SMTP User Name: | 5 |
| SMTP Password: 6 | * |
| Advanced Installer | |
| | < Back Next > Cancel |
| . Enter System Title | |

- 3. Enter the Archive Server IP (or DNS Name)
- *Note- If applicable, enter the following:
- 4. Enter SMTP Server
- 5. Enter SMTP User Name
- 6. Enter SMTP Password
- 7. Click Next >

Step 10: Installation Ready

| 禮 ipConfigure ESM 5.2 Setup | × |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Ready to Install | |
| The Setup Wizard is ready to begin the ipConfigure ESM 5.2 installation | 31 |
| Click "Install" to begin the installation. If you want to review or change any of your installation settings, click "Back". Click "Cancel" to exit the wizard. | |
| | |
| | |
| | |
| Advanced Installer | |
| < Back Install Cancel | |

1. Click: Install

Step 11: Installing Progress

| profigure ESM 5.2 Setup |
|-------------------------------------------------------------------------------------------------|
| Installing ipConfigure ESM 5.2 |
| Please wait while the Setup Wizard installs ipConfigure ESM 5.2. This may take several minutes. |
| Status: Generating actions to configure databases for install SQL script exec |
| |
| Advanced Installer |

2. Track the progress of the installation

Step 12: Installation Complete

| ipConfigure ESM 5.2 Setup | X |
|---------------------------|-----------------------------------------------------|
| | Completing the ipConfigure ESM 5.2 Setup Wizard |
| | Click the "Finish" button to exit the Setup Wizard. |
| | |
| | < Back Finish Cancel |

1. Click: Finish to exit the Setup Wizard

Step 13: Open Internet Information Server (IIS)

| ionnections | | Actions |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 3 3 4 1 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | AET - CERCHDPNSE Home 2 AET - CERCH Group for fores AET - CERCH AET - CERCH Conception AET - CERCH AET - CERCH | Manage Server Paratat Sout Sout Sout Wew Application Proofs Wew Stass Philip Online Help |
| 4 | PT FT FT FT FT FT FT FT FT FT F | |
| | ns 🖌 | |

- *Note-Open IIS Manager from Start Menu*
- 2. Select: Sites
- 3. Select: Cameras
- 4. Select: Authentication

Step 14: Authentication

| File Wew Help | | |
|-------------------------------------|-----------------|--|
| File Vew vejo | Authentication | |
| | E Features View | |
| Configuration: 'cameras' web.config | | |

- 1. Enable Anonymous Authentication
- 2. Enable Forms Authentication
- *Note- All others must be disabled*

ipConfigure ESM Archive Server Installation

This document provides a detailed explanation of how to perform an ipConfigure ESM Archive Server installation. The Archive Server Installation guide utilizes screen shots of an actual ESM system and includes a numbering methodology to reference screen attributes and reference to registry and database changes. Although the screen shots may look different, this same guide can be used for both a Windows 2003 Server and a Windows 2008 Server.

Before Installing ESM, Install ipConfigure ESM Server Prerequisites

Please refer to the Prerequisite guides for setting up the server, all servers regardless if they are going to be a standalone system or an archive server need to be setup the same way.

ESM SETUP WIZARD

Step 1: ESM Setup Wizard



1. Click Next >

Step 3: ESM – System Components Installation

| 🙀 ipConfigure ESM 5.2 Setup | | × |
|------------------------------------------------------------|---------------|--------|
| System Components Select the components to be installed | | |
| Full Install | | |
| Advanced Installer | < Back Next > | Cancel |

1. Left Click on Management Server

*Note: This training document is demonstrating how to install a server to be an Archive Server.

End-User License Agreement Please read the following license agreement carefully ipConfigure Inc. End User License Agreement ipConfigure Inc. End User License Agreement Image: Inc. End User License Agreement ipConfigure Inc. End User License Agreement Image: Inc. End User License Image: Inc. End User License Agreement Image: Inc. End User License Image: Inc. End User License

Step 2: ESM – License Agreement

1. Read the License Agreement terms and select the $``{\rm I}$ agree" option.

2. Click Next >

Step 4: ESM – System Components Installation

| Թ ipConfigure ESM 5.2 Setup | × |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| System Components Select the components to be installed | 2 |
| Full Install Management Server Will be installed on local hard drive B Entire feature will be installed on local hard drive Entire feature will be unavailable | |
| Advanced Installer < Back Next > | Cancel |

1. Left Click X Entire feature will be unavailable

Step 5: ESM – System Components Installation

| 🙀 ipConfigure ESM 5.2 Setup | | × |
|------------------------------------------------------------|---------------|--------|
| System Components Select the components to be installed | | 2 |
| Ful Instal Management Server Archive Server | | |
| Advanced Installer | < Back Next > | Cancel |

1. Click Next >

Step 6: ESM – SQL Database Connection

| 🕵 ipConfigure ESM 5. | .2 Setup | × |
|----------------------|-----------------------|--------|
| SQL Server | | |
| Configure SQL Con | nnection | 231 |
| Database Server: | (local) | |
| Port: | 1433 | _ |
| | ☑ Trusted Connection. | |
| SQL Username: | <u></u> | |
| SQL Password: | | |
| | | |
| Advanced Installer | < Back Next > | Cancel |
| | | |

- 1. Enter the Server IP Address or leave local
- 2. Leave the Port at the default: 1433
- 3. Enter the SQL Username: **sa** or use trusted Connection if your local account has sysadm rights to SQL

4. Enter the SA account password that was created when SQL was installed.

*Note: On the Server Name or IP Address, it's preferred to use the IP Address over the DNS name.

Step 8: ESM – Select Folder

| 🛃 ipConfigure ESM 5.2 Setup | × |
|-------------------------------------------------------------------------------------------------------------|------------------|
| Select Folder This is the folder where ipConfigure ESM 5.2 will be installed. | 2 |
| Select the path where ipConfigure ESM 5.2 will store Archive Video. Typi on the largest attached volume. | cally should be |
| To install in this folder, click "Next". To install to a different folder, enter i "Browse". | t below or click |
| Eolder: | |
| C:\pConfigure\ | Browse |
| | |
| | |
| | |
| | |
| Advanced Installer | |
| < Back Next > | Cancel |

1. Browse to the hard drive that ipConfigure will be installed to.

- 2. Click Next >
- ESM System Properties

 Values required to configure IpConfigure ESM 5.2

 Archive Server IP (or DNS Name):

 192.168.100.26

 SMTP Server:

 SMTP User Name:

 SMTP Password:

 Advanced Installer

 < Back</td>
 Next >

 Cancel

1. Enter the local Server IP Address that is going to be the archive server.

2. Click Next >

*Note: The IP Address is the server you are installing ipConfigure on

Step 7: ESM – System Properties

Step 9: ESM – Ready to Install

| Թ ipConfigure ESM 5.2 Setup | × | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--|
| Ready to Install The Setup Wizard is ready to begin the IpConf | igure ESM 5.2 installation | |
| Click "Instal" to begin the installation. If you want to review or change any of your installation settings, click "Back". Click "Cancel" to exit the wizard. | | |
| | | |
| | | |
| Advanced Installer | < Back Install Cancel | |

1. Click Install

Step 10: ESM – Installation Status

| 1 | pConfigure ESM 5.2 Setup | | | | × |
|-----|-------------------------------------------------|-------------|------------------|------------------|--------|
| | Installing ipConfigure ESM | 5.2 | | | 2 |
| | Please wait while the Setup several minutes. | Wizard inst | alls ipConfigure | ESM 5.2. This ma | y take |
| | Status: | | | | |
| | , | | | | |
| | | | | | |
| | | | | | |
| Adv | anced Installer | | | | |
| | | | < Back | Next > | Cancel |

An informational screen that will let you see the progress of the installation.

Step 11: ESM - Installation Finished



1. Click Finish

Step 12: ESM – Login to the Management Server Administrator application



- 1. Enter User ID
- 2. Enter Password for the User ID

LINKING THE ARCHIVE SERVER IN ESM

Step 1: ESM - Linking the Archive Server



1. Select the Location or building that the Archive Server will be used to record to.

Step 2: ESM – Linking the Archive Server



1. Left Click on the "Link to Server Menu" selection.

Step 3: ESM – Linking the Archive Server

| Please e server. | nter the IP address for the remote | |
|---------------------|------------------------------------|--|
| 192.168 | .100.26 | |
| ОК | Cancel | |
| | | |
| | | |

- 1. Type in the IP address for the new Archive Server.
- 2. Click OK

Step 4: ESM – Adding Server Volume



1. Right Click on the Location Server Icon

Step 5: ESM – Add Server Volume



- 1. Right Click on Location Server Archive
- 2. Click Add Server Volume

Step 6: ESM – Add Server Volume

| Please en the new a | ter the root archive folder path for irchive server volume. |
|------------------------|----------------------------------------------------------------|
| E:\Archiv | esV |
| OK | Cancel |
| | |
| | |

 When adding the location that the Archive Files will be located, please include the full path to the location.
 Click OK

*Note: The location on this screen shot is an example, your archive server may be on a different hard drive.

Step 7: ESM - Archive Server Volume Properties



1. Enter the amount of space on the Archive Servers Storage

2. Click Apply located at the top of the screen

*Note: The drive that will be used as the Archive Storage drive needs to be a stand-alone drive with nothing else being used on this drive. The algorithms in the software calculate the total space of the drive and the amount of space allocated for storage use. Adding other items to the drive can cause issues with maintaining that algorithm.

Step 8: ESM – Camera

| 🖉 🕑 💌 🚺 http://190.168.108.26 | der (Default expe | |
|----------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------|
| le Edit View Pavoritas Tools | wb . | |
| Favorites 🌾 🕐 Web Sice Gallery | Suggested Stes | |
| 6 Mtp://1102.168.100.20/admin/Default- | • | 🚰 + 🖸 - 🗅 📾 + Page + Safety + Took + |
| Enterprise Surveillance Adm | inistrator | Log Dut. Charge Parce |
| Reporting | | |
| Defaults | Camera settings allows for un Camera applied to a camera in the sys | vique settings to be tem and overides default Apply |
| Devices | settings. | |
| 🚽 😏 Global Devices | Camera Settings Hoton Datadion Rules Echeduling | |
| 🚊 😵 Corporate Locations | | |
| Norfulk | Camera Settings | |
| Seattle | Description Pelco IP110 test | d IP Address Http · Port III |
| States remote serv | MAC Address | Intra hos |
| -St E/Archive/ | Camera Application Surveillance Covert | Frame rate |
| Palco IP111 Sect. | Camera Type PELCO IP110 | Compression 30% |
| - Lill Pelco Saric Text | Pan / Tilt / Zoom Rotate Video 🚺 💻 D | egrees Audio 📕 |
| | Quard tour Tour interval Disabled | <u></u> |
| | (1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1. | Recording |
| | Authentication | IP Address IDERMINICATION Port ID |
| | Pastword Addin | Image type |
| | | Image TORYARD . |
| – | Archive Server Settings | Frame rate |
| | Archive Server Location Server | Compression 30% |
| | Archive Server Volume ENALISTICS) | Audio 🔳 |
| | Storage Days Medium - 54 Days • | Protuffor S . |
| | | PostBuffer a |
| Groups | | Talles |
| Users | | |

For the cameras that will be using the Archive Server for storage, find the settings in the Camera Setup Page under "Archive Server Settings"

- 1. Select Archive Server
- 2. Select Archive Server Volume
- 3. Select Storage Days
- 4. Click Apply

Enterprise Surveillance Manager. Version 5.4 Add System Device

This document is designed to take a user through setting up a System (e.g., AMAG, Barix I/O, or P2000 – JCI) in ESM 5.4 and configure it to interact with other cameras and devices. This process will be explained using the following pre-defined scenario although applicable for any new system setup: Barix I/O setup as part of an Access Control Solution to allow interaction between events from Access Control I/O events with actions from devices in ESM. This is only a scenario and the processes followed could be used for any similar I/O setups or systems.

SYSTEM SETUP REQUIREMENTS

Depending on which system you have selected there may be additional setup requirements needed on the system before ESM will be able to communicate with the distributed system.

- AMAG Security Management System (XML Web Service)
- Barix No additional setup required on Barix Device
- P2000 JCI Grant access to ESM

AMAG Server Setup

ESM uses requires the Security Management System (XML Web Service) to be installed on the AMAG Access Control server.

| Rograms and Features | | | | | | |
|------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------|-------------------------|------------|--|--|
| G O ⊽ 🖾 ▼ Control Panel ▼ P | rograms 👻 Programs and Features | | ▼ 🛐 Search Programs and | Features 😕 | | |
| Control Panel Home | Uninstall or change a program | | | | | |
| View installed updates | To uninstall a program, select it from the list and then click Uninstall, Change, or Repair. | | | | | |
| Install a program from the network | Organize 🔻 Uninstall/Change | | | := - 🔞 | | |
| | Name 🔺 | Publisher | 🔹 Install 💌 Size | ✓ Version | | |
| | 🚳 Security Management System | Group 4 Technology Ltd | 5/3/2012 237 M | B 6.2.0 | | |
| | Security Management System (XML Web Service) | Group 4 Technology Ltd | 5/9/2012 1.28 M | B 6.2.0 | | |
| | Ĩ. | | | | | |

The XML Web Service SDK installer is available from AMAG (<u>http://www.amag.com/Products/Symmetry-Software/Additional-Software-Options/XML-Open-Integration-Module.aspx</u>). The SDK Setup installes a Web Service in IIS (smsXMLWebService) that ESM uses for communication.

| 🐂 Internet Information Services (IIS) Manager | | |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| G S APPTESTSERV > Sites > Default > smsXML | WebService 🕨 Documentation 🕨 Sample Code 🕨 | 🗾 🖸 🗠 🔐 🗸 |
| File View Help | | |
| Connections | Documentation/Sample Code Home Filter: Image: Go and Go | Actions Explore Edit Permissions Manage Folder Browse Folder Browse *:80 (http) Help Online Help |
| Ready | | 1 .: |

P2000 JCI Server Setup

For ESM communication with the JCI system you need to add Remote Server access for ESM from the P2000 System application.

| ic p | 2000 | | | | | | | | | | |
|------|----------|-------|--------|---------|-----------|-----------------|--------|--------|------------|-------|------|
| Exit | Access | Alarm | Events | Control | Report | Operator | System | Config | Options | View | Help |
| | = 😤 | E | 1 心 | ദ | 19 | <u>, a</u> , '2 | 30 | Loca | l | | |
| | <u> </u> | 7 9= | 1 89 | \sim | • | | | Syste | em | | |
| 2 | | | | | | | | Card | bolder Opi | tions | • |

Select System to open the System Configuration. Navigate to the Remote Server and add a node for your ESM Server. The Default port is 41023 which is the same port you'll put in ESM for communication.

| C System Configuration | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Show For Super User | ~ | | | | | |
| 😥 🔜 Registration Parameters | Item | Value | | | | |
| Site Parameters Partitions Alarm Categories Remote Server demo Devarchive dufour jeff STRESSVSA tartan Message Filter Message Filter Group Mapping Configuration 1,2 Counters | Partition Public Name IP Address Remote Site Receive Messages Transmit Messages Port Protocol Time Zone Message Filter Group Queue Length Queue Expiry Session Length (Records) Session Duration Session End Timeout | Super User Yes demo 192.168.100.10 demo Yes Yes 41023 XML <always enabled=""> <none> 500 60 50 60 60</none></always> | | | | |

GETTING STARTED

To begin you will need to log in to the Administrator portion of your ESM system (<u>http://*youripaddress*/admin</u>). Also, you will need to setup the Barix device separately following their installation instructions before adding it to ESM. For more information please see the company's website (<u>http://www.barix.com/</u>)

ADDING TO ESM

The Barix device will be added as a system into one of your existing locations.

ipConfigure



To add the device, right click on the location or building header, choose "Add System" and then click on "Add Barix"

You will then be prompted with a window to name the device. For our scenario we will be labeling it as "Access Control"

| You clicked "+Barix Barionet". Please enter a new name. | | | | | | |
|------------------------------------------------------------|----------------|--|--|--|--|--|
| | Access Control | | | | | |
| | OK Cance | | | | | |
| | | | | | | |

You will now be presented with a configuration page which will look like the following:

| ۶y | /stem | Settings: Integ | grate a 3rd pa | rty system into ESM. Apply |
|-------------------------------|----------------------------|---------------------------|----------------|----------------------------------------------------------|
| Settings | Rules | Parent Map Placement | Relationships | |
| Settings System System | Name E Type | Barix Barix | | Network Settings IP address Access Control Port 80 |
| Archive Archive Storage | Server S Server Days | ettings Select 🔽 30 | | Authentication Login Password |

ipConfigure

- 1. Insert the IP Address of the Barix Device. This address is programmed on the device when you are initially setting it up.
- 2. Enter the unique port in which was configured at the initial setup. *for our scenario it is 12302*
- 3. Choose which archive server it will be reporting and recording actions to.
- 4. Enter login information for the device if you have chosen to setup a username and password
- 5. After applying the above settings and refreshing the page the Device ports will show up. Here you can modify these to suit your needs as will be explained in the next section.
- 6. Archive Server Settings is related to the archive server responsible for saving events and how long you want to save events before purging.

CONFIGURING DEVICE PORTS

The next step in the process is suggested as it will make the rules portion of the Barix setup much easier and intuitive for you. The Device Ports section corresponds to the physical ports that are present on the Barix device itself. The system ports will be automatically discovered and added to ESM. To see the ports click on Groups then a specific group (e.g., Administrator) and the ports will be listed in the parent tree for the Barix system.

| Groups | Groups are define | d |
|----------------------|----------------------|---|
| Facility & Device En | rollment | J |
| | 🗆 🔟 Analog Input 1 🔍 | |
| | 🖸 🔟 Analog Input 2 | |
| | 🖸 🔟 Analog Input 3 | |
| | 🖸 🔟 Analog Input 4 | |
| | 🖸 🔟 Input 1 | |
| | 🖸 🔟 Input 2 | |
| | 🖸 🔟 Input 3 | |
| | 🖸 🔟 Input 4 | |
| | 🗆 🔟 Input 5 | |
| | 🖸 🔟 Input 6 | |
| | 🖸 🔟 Input 7 | |
| | 🖸 🔟 Input 8 | |
| | 🗖 🔟 Relay 1 | |
| | 🔲 🔟 Relay 2 | |
| | Output 1 | |
| | Output 2 | |
| | Output 3 | |
| | Output 4 | |

Check which ports you want available for which group(s). Then those port(s) will be available for selection in the Devices tree.

| E | ntity | | Settings: Disal | ble the entity to | prevent it from | n showing in the user interface. |
|-----------|----------|----------|-----------------|-------------------|-----------------|----------------------------------|
| Settings | Rules | Parent | Map Placement | Associations | Relationships | |
| | | | | | | |
| Entity Ir | nfo | | | | | |
| Name: | Input | 1 | | 🗾 🗹 Enabled | | |
| Type: | Digita | al Input | | | | |
| Locatio | n: Barix | | | | | |
| | | | | | | |

CONFIGURING RULES

The rules engine for the Barix device is where all actions and inputs are incorporated into ESM. The basic premise behind the rules engine is that for any specified action event that is triggered ESM will output a configured action. This guide will cover two scenarios but there are many more that can be configured into the system to customize to your needs.

Scenario 1: This scenario will go through the process of setting up a rule to trigger when a particular door is opened (Sales Door) that a specified PTZ camera will move to focus on the door.

To start click on the rules tab in the Barix configuration page.

| | Settings | Rules | Parent Map Placement | Associations | Relationships | |
|--|----------|-------|----------------------|--------------|---------------|--|
|--|----------|-------|----------------------|--------------|---------------|--|

This will bring up a page that will look similar to the below image.

| E | ntity | Rules: Provide | s the ability to t | trigger actions w | hen even | nts occur. | | | | [| Apply |
|----------|-----------|----------------------|--------------------|-------------------|----------|------------|---------|---|--|---|-------|
| Settings | Rules | Parent Map Placement | Associations | Relationships | | | | | | | |
| | | | | | | | | | | | |
| Event | | and for this Davies | Conditions | | | | Actions | ; | | | |
| NO RUIE | s are dem | ned for this Device. | | | | | | | | | |
| | | | | | | | | | | | Add |
| | | | | | | | | | | | |

To add a new rule, click Add which will take you to the Adding rule configuration page.

ipConfigure

| Ei | ntity | Rules: Provide | s the ability to I | trigger actions v | whe | n events occur. | Apply |
|-----------|------------|----------------------------|--------------------|-------------------|-----|-----------------|---------------|
| Settings | Rules | Parent Map Placement | Associations | Relationships | | | |
| Adding Ru | ule: | | | | | | |
| Event | | | | | | | |
| Event [| Device | Input 1 | | | ~ | | |
| Event | | Select 🗸 | | | | | |
| | | | | | | | |
| Actions | | | | | | | |
| Descri | iption | | | | | | |
| No Acti | ions are | defined for this Rule. | | | | | |
| | | | | | | | Add Action |
| Conditio | ons (ont | ional) | | | | | |
| | ///J (0pc | | | | | | |
| Descri | iption | un defined for this Dule | _ | _ | - | | |
| No Con | naltions a | are defined for this Rule. | | | _ | | |
| | | | | | | | Add Condition |
| | | | | | | Ins | ert Cancel |

- 1. This section is for the device that you will be utilizing for the event action to trigger through. In this case it is the name of our Barix device "Access Control"
- 2. This area specifies what event will trigger the action that will be configured below. In the case of the Barix device this will be a choice between which input/output ports and whether when it is activated or deactivated.
- 3. This section is where the action that occurs when the event is triggered is configured.
- 4. This section is where conditions can be set on the rule. When a condition is triggered it will be used as a check point to decide if the action is triggered or ignored according to the parameters set.

For the scenario we will chose our Barix Device as the "Event Device" and will choose the Event of "Sales Door Activated" to specify that we want the action to happen every time the Sales door is opened.

| Event | | | | | | | |
|------------------------------------|--------------------------------------------------------------------------------------------|---|--|--|--|--|--|
| Event Device | nt Device Access Control | | | | | | |
| Event | Sales Door Activated | Ŧ | | | | | |
| Actions | Front Door Activated Front Door Deactivated Input 1 Activated Input 1 Deactivated | ^ | | | | | |
| No Actions are defi | Input 2 Activated Input 2 Deactivated Input 3 Activated | | | | | | |
| Conditions (option | Input 3 Deactivated Input 4 Activated Input 4 Deactivated Input 8 Activated | | | | | | |
| Description No Conditions are (| Offline Online | | | | | | |
| | Output 1 Activated Output 1 Deactivated Output 2 Activated | | | | | | |
| | Output 2 Deactivated Output 3 Activated Output 3 Deactivated | | | | | | |
| | Output 4 Deactivated Receiving Door Activated | | | | | | |
| | Relay 1 Activated Relay 1 Deactivated Relay 2 Activated | | | | | | |
| | Relay 2 Deactivated | | | | | | |

Next click the Add Action button to configure what action is desired when the event occurs. The screen will now present the action configuration page.


Much like before the Action device specifies what device the action will occur with (a PTZ camera in this case) and what action will be performed. For our scenario we will choose a PTZ camera that is in view of the door (Axis P5534PTZ – Conference Room). The action will be to "Move to PTZ present" (For setting up PTZ presents please refer to the cameras setup guide as well as the section for camera setup in the ipConfigure ESM 5.4 Admin guide). We will choose to not put any delay and will specify that it shall move to the preset "Entry" which is the name of the preset for the camera itself.

| | | | ~ |
|-------------------------|-----------------|---------------------------------|---|
| Trigger this action: | Action Device | AXIS P5534 PTZ- Conference Room | - |
| | Action | Move PTZ to Preset 🔻 | |
| | Delay (seconds) | | |
| | PTZ Preset | Entry | |
| | | Insert Cancel | |
| | | | |
| | | | |
| | | | |

Clicking Insert will commit this action to the overall rule and return you to the "Adding Rule" page.

| Enterprise Surveillance Administrator | | Log Out O | hange Password |
|---------------------------------------|---------------------------------------------------------------|---------------------------------------------------------|----------------|
| Reporting | | | |
| Defaults | I/O Device I/O Device settings allow for configuring a n | networked I/O device to interact with the system. Apply | |
| Devices | | | |
| 🖃 🤣 Global Devices 🚔 | Settings Rules Parent Map Placement | | |
| 🗄 😵 ipConfigure Global Locations | | | |
| 🗄 😵 Innovation Research Park | Adding Rule: | | |
| 💽 😏 Norfolk Virginia Remote | Fvent | | |
| 🍙 🏠 ipConfigure 5th Floor | | | |
| 🔝 Axis Q6034 PTZ Can | Event Device Access Control - | | |
| Access Control | Event Sales Door Activated - | | |
| Sales Door Access | Actions | | |
| 5th Floor Elevator- A | ALUUIS | | |
| Office Kitchen - Axis | Description | 4 1 | |
| Office Entry - Axis P. | AXIS P5534 P12- Conference Room MoveP12 with a value of Entry | / <u>0</u> | |
| Axis 1921 Thermal C | | Add Action | |
| IQINVISION IQ732N | | | |
| Sth Floor Hallways S | Conditions (optional) | | |
| Sth Floor Mechanica | Description | | |
| Sth Floor Pump Boo | No Conditions are defined for this Rule. | | |
| Office Conference - | | Add Condition | |
| Office Entry - AXIS F | | | Ľ |
| 🔝 Office Kitchen - Son | | Insert Cancel | |
| | | | |
| Sth Floor Office Exit | | | |
| 🞲 Office Sales - AXIS 2 | | | |
| 🞲 Office Sales Megapi | | | |
| AXIS P5534 PTZ- Co 🖕 | | | |
| Groups | | | |
| Users | | | |

For the scenario we do not require any conditions so by clicking **Insert** the rule will be added to the database. With this rule every time the Sales door is opened this triggers an input on the Barix device. The PTZ camera will swing its view to the preset of "Entry" and give a clear shot of the door and who is entering or exiting.

Scenario 2: For this exercise we will use the Barix Device to trigger a camera to force record a camera when a door is opened for more than 15 seconds.

As before, the rule is configured from the rules tab by clicking Add. In this situation we will use the same Event Device of "Access Control" with the Event of the "Receiving Door Activated" which means it will trigger when the door is opened.

| Settings Rules P | arent Map Placement | | | |
|-----------------------------------|------------------------|------|--|---------------|
| Adding Rule: | | | | |
| Event | | | | |
| Event Device | Access Control | • | | |
| Event | Receiving Door Activa | ed 🔻 | | |
| Actions | | | | |
| Description No Actions are def | fined for this Rule. | | | |
| | | | | Add Ac |
| Conditions (option | nal) | | | |
| Description | | | | |
| No Conditions are | defined for this Rule. | | | |
| | | | | Add Condition |

Click on Add Action to bring up the action configuration window. For the Action Device we will choose a camera in the same area as the Receiving door. The action will be set to "Force Record" with a Delay of 15 seconds and the record duration of 60 seconds so that it captures a minute worth of video after the event is triggered.

| Trigger this action: | Action Device | Arecont 1305DN (HiDef) |
|----------------------|--------------------|------------------------|
| | Action | Force Record - |
| | Delay (seconds) | 15 |
| | Duration (seconds) | 60 |
| | | Update Cancel |
| | | |
| | | |

Clicking **Insert** will commit this action to the overall rule and return you to the "Adding Rule" page. This rule is now set to dictate that if the relay stays open for more than 15 seconds (the delay period) then to force record for 1 minute.

CONCLUSION

The Barix device teamed with the rules and flexibility of ESM give the user and administrators numerous ways to customize their security system to suite not only the needs but the wants of an organization. The scenarios outlined in this guide are only two of a vast number of various configurations that can be employed using ESM teamed with a Barix device.

For Questions about ipConfigure products or Barix integration please contact the ipConfigure Sales team at 1-877-207-1112 or by email at sales@ipconfigure.com

For technical support with this feature or any of the other ipConfigure product lines please submit a support ticket to the ipConfigure Technical Support team by visiting <u>www.ipconfigure.com/support</u> or emailing the team at <u>techsupport@ipconfigure.com</u>

ipConfigure ESM 5.4 Uninstall Process

This document provides a detailed explanation of how to perform a server uninstall of ESM ipConfigure. The Uninstall guide utilizes screen shots of an actual ESM system on a Windows 2008 Server.

This document walks you through uninstalling ESM 5.4 and the ipConfigure Embedded Media Player, Deleting SQL Databases and SQL Security Accounts, along with verifying the site is deleted and the Registry entry has been deleted also.

Please note - This process is for removing ESM entirely from the system as this will remove all ESM data from the system

IPCONFIGURE SOFTWARE UNINSTALL PROCESS

Step 1: Control Panel – Programs and Features



| 🔨 📑 • Control Panel • | | | | | 💌 🛄 Sear | dh | |
|----------------------------------------------|-------------------|--------------------------|--------------------------|---------------------------|--------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| e Edit View Tools Help Control Panel Home | Name ~ + C | ategory - | | • | | - | |
| Classic View | Add Hardware | Administrative Tools | AutoPlay | Buetooth Devices | Color Management | Date and Time | Default Programs |
| | Device Manager | Ease of Access Center | Folder Options | Forts | Indexing Options | Internet Options | 6CSI Initiator |
| | Keyboard | Nouse | Network and Sharing C | Office Files | Pen and Input Devices | Personaliza | And the second s |
| | Power Options | erinters | Problem Reports a | Programs and Features | egonai and Language | Scamers and Cameras | Sourd |
| | Sync Center | System | Tablet PC Settings | Tasibar and Start Menu | Text to Speech | User Accounts | Windows CardSpace |
| | | windows. | Wodes | | | | |

Step 2: Control Panel – Programs and Features

- 1. Click Start
- 2. Click Control Panel

Step 3: Control Panel – Programs and Features – Uninstall ESM 5.4





2. Click on ipConfigure ESM 5.4

1. Right Click Programs and Features

Step 4: Control Panel – Programs and Features – Uninstall ESM 5.4



- 1. Click on Uninstall
- 4111 Monarch Way Suite 510 Norfolk, VA 23508 USA Phone: (877) 207-1112 • Fax: (832) 201-0342 • Web: www.ipconfigure.com

Step 5: Control Panel – Programs and Features – Uninstall ESM 5.4



1. Click Yes

Step 7: Control Panel – Programs and Features – Uninstall ipConfigure Embedded Media Player

| 🕖 🔁 • Control Panel • Pr | ograms and Features | 🔹 🚺 Search | | |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------|--------------|--------|
| e Edit View Tools Help | | | | |
| Tasks Vew installed updates Get new programs online at Windows Marketskae | Uninstall or change a program To uninstal a program, select it from the list and th | en dick "Uninstall", "Change", or | "Repair". | |
| Turn Windows features on or off | Organize • Views • | | | |
| | Name - | Publisher | • Instal • * | Sze |
| | Acrobat.com | Adobe Systems Incorporated | 12/4/2009 | 1.71 M |
| | Adobe A3R | Adobe Systems Inc. | 12/4/2009 | 30.6 M |
| | Adobe Flash Player 10 ActiveX | Adobe Systems Incorporated | 12/8/2009 | |
| | Adobe Reader 9.2 | Adobe Systems Incorporated | 12/4/2009 | 208 M |
| | Fidder2 | | 12/15/2009 | 1.83 N |
| | HyperTerminal Private Edition v7.0 | | 12/4/2009 | 1.91 N |
| | Configure Embedded Media Plaver | pConfigure, LLC | 12/17/2009 | 15.5 M |
| | Microsoft .NET Framework 3.5 SP1 | Microsoft Corporation | 12/5/2009 | 27.8 N |
| | Microsoft SQL Server 2005 | Microsoft Corporation | 12/9/2009 | 352 M |
| | Microsoft SQL Server Management Studio Express | Microsoft Corporation | 12/8/2009 | 115 9 |
| | Microsoft SQL Server Native Client | Microsoft Corporation | 12/8/2009 | 2.571 |
| | Microsoft SQL Server Setup Support Files (English) | Microsoft Corporation | 12/8/2009 | 20.8 M |
| | Microsoft SQL Server VSS Writer | Microsoft Corporation | 12/8/2009 | 687 K |
| | Mcrosoft Visual C++ 2008 Redistributable - x86 9 | Microsoft Corporation | 12/4/2009 | 2.05 N |
| | | | | |

Step 6: Control Panel – Programs and Features – Uninstall ESM 5.4

| ipConfigure ESM 5.2 | |
|--------------------------------------------------|---------|
| Please wait while Windows configures ipConfigure | ESM 5.2 |
| Gathering required information | |
| | Cancel |
| Uninstall Progress | |

Step 8: Control Panel –Programs and Features – Uninstall ipConfigure Embedded Media Player

| 🔾 🔂 🖬 🔹 Control Panel 🔹 | Programs and Features | 👻 💶 Search | | |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|------|
| lie Edit View Tools Help | | | | |
| Tasks View installed updates Get new programs online at Windows Marketplace | Uninstall or change a program To uninstal a program, select it from the list and th Organize • III Views • Uninstal | en clok "Uninstal", "Change", or Change 🔒 Repair | "Repair". | |
| Turn windows reasures on or off | Name ^ | Publisher | • Instal • : | Size |
| | 人 Acrobat.com Uning | tall this program. Encorporated | 12/4/2009 | 1.71 |
| | Adobe AJR | Adobe Systems Inc. | 12/4/2009 | 30.6 |
| | Adobe Flash Player 10 ActiveX | Adobe Systems Incorporated | 12/8/2009 | |
| | Adobe Reader 9.2 | Adobe Systems Incorporated | 12/4/2009 | 208 |
| | 2Fidder2 | | 12/15/2009 | 1.83 |
| | HyperTerminal Private Edition v7.0 | | 12/4/2009 | 1.91 |
| | pConfigure Embedded Media Player | pConfigure, LLC | 12/17/2009 | 15.5 |
| | Microsoft .NET Framework 3.5 SP1 | Microsoft Corporation | 12/5/2009 | 27.8 |
| | Morosoft SQL Server 2005 | Microsoft Corporation | 12/9/2009 | 352 |
| | Microsoft SQL Server Management Studio Express | Microsoft Corporation | 12/8/2009 | 115 |
| | Microsoft SQL Server Native Client | Microsoft Corporation | 12/8/2009 | 2.57 |
| | Microsoft SQL Server Setup Support Files (English) | Microsoft Corporation | 12/8/2009 | 20.8 |
| | Microsoft SQL Server VSS Writer | Microsoft Corporation | 12/8/2009 | 687 |
| | Microsoft Visual C++ 2008 Redistributable - x86 9 | Microsoft Corporation | 12/4/2009 | 2.05 |
| | | | | |

1. Find ipConfigure Embedded Media Player

Step 9: Control Panel – Programs and Features – Uninstall ipConfigure Embedded Media Player – Confirmation



1. Click Yes

1. Click Uninstall

Step 10: Control Panel – Programs and Features – Uninstall ipConfigure Embedded Media Player

| pConfigure Embedded Media Player | × |
|---------------------------------------------------------------------------------------|---|
| The following applications should be closed before continuing the install: | |
| Internet Explorer | |
| Automatically close applications and attempt to restart them after setup is complete. | |
| C Do not close applications. (A Reboot will be required.) | |

1. If you have Internet Explorer open, please close Internet Explorer

2. Click Ok

Step 11: Control Panel – Programs and Features – Uninstall ipConfigure Embedded Media Player –



Delete Processing

Step 12: Programs and Features – Verification

| ∑a < Constant where + Programs and relatives Yes Low winds Yes Low matched spokes Get new programs online at Workstall er change a program Low matched spokes Get new programs online at Low matched spokes Low matched spokes Get new programs online at Whoose float low Low matched spokes Low matched spoke Low matched Low match | | 10.0 | 100 | | _ |
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| Ive: Tools Help Fack Vex installed updates Contrast program ofine at windows Marketplace Contrast program ofine at windows Marketplace Tournstall a program, select it from the list and then dick "Unential", "Change", or "Repart. Turn Windows Marketplace Organize Image: Image: Ima | Control Panel + P | tograms and Features | * 👥 Search | | |
| Tasks Usisstall or change a program View instaled spokes To unstale a program, select it from the list and then dick 'Unstall', 'Change', or 'Repart'. © The morgan softwark Marketplace Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. The Windows features on ord Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. Image: The Windows features on ord Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. Image: The Windows features on ord Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. Image: The Windows features on ord Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. Image: The Windows features on ord Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. Image: The Windows features on ord Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. Image: The Windows features on ord Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. Image: The Windows features on ord Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. Image: The Windows features on ord Image: The morgan select it from the list and then dick 'Unstall', 'Change', or 'Repart'. Image: The Windows features of the Repart Stall Department 'Stall Departs'. Image: The Repart select 'Image: The Repart select 'Im | e Edit View Tools Help | | | | |
| Very retailed updates Counselial a program, select it from the list and then dick "Uninget", or "Repark". Turn Windows features on or of Manual A counselial a program, select it from the list and then dick "Uninget", or "Repark". Image: Turn Windows features on or of Manual A counselial a program, select it from the list and then dick "Uninget", or "Repark". Image: Turn Windows features on or of Manual A counselial a program. Image: Turn Windows features on or of Manual A counselial a program. Image: Turn Windows features on or of Manual A counselial a program. Image: Turn Windows features on or of Manual A counselial a program. Image: Turn Windows features on or of Manual A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a program. Image: Turn A counselial a counselial a counselial a counselial counseli | Tasks | Uninstall or change a program | | | |
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| | | Adobe Reader 9.2 | Adobe Systems Incorporated | 12/4/2009 | 208 |
| Integrat Ferminal Private Editory 7/0 12/4/2009 Worksoft AEF Preventival State Digmeters 12,5 pp. Moresoft Corporation 12/5/0009 Moresoft SQL Server 2005 Moresoft Corporation 12/5/0009 Moresoft SQL Server 2005 Moresoft Corporation 12/5/0009 Moresoft SQL Server Management SLude Digmeters Moresoft Corporation 12/8/0009 Moresoft SQL Server State Support Files English Moresoft Corporation 12/8/0009 Moresoft SQL Server SSGL Winter Moresoft Corporation 12/8/0099 Moresoft SQL Server YSG Winter Moresoft Corporation 12/8/0099 Moresoft SQL Server YSG Winter Moresoft Corporation 12/8/0099 | | 2//dder2 | | 12/15/2009 | 1.83 |
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| Microsoft SQL Server Setup Support Files (English) Microsoft Corporation 12/8/2009 2 Microsoft SQL Server VSS Writer Microsoft Corporation 12/8/2009 Microsoft Real C+a 2008 Realisting Label = v86 9 | | Mcrosoft SQL Server Native Client | Microsoft Corporation | 12/8/2009 | 2.57 |
| Microsoft SQL Server VSS Writer Microsoft Corporation 12/8/2009 Microsoft Visual C++ 2008 Redistributable - x86 9 Microsoft Corporation 12/4/2009 | | Microsoft SQL Server Setup Support Files (English) | Microsoft Corporation | 12/8/2009 | 20.8 |
| Microsoft Visual C + + 2008 Redistributable - v86 9 Microsoft Corporation 12/4/2009 | | Microsoft SQL Server VSS Writer | Microsoft Corporation | 12/8/2009 | 687 |
| | | Mcrosoft Visual C++ 2008 Redistributable - x86 9 | Microsoft Corporation | 12/4/2009 | 2.05 |
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| | | | | | |
| | | | | | |

1. Verify that the ipConfigure Embedded Media Player has been removed from the list.

- 2. Close the Programs and Features window.
- 3. Close the Control Panel window.

MICROSOFT SQL MANAGEMENT STUDIO EXPRESS – DELETE DATABASES

Step 1: Microsoft SQL Management Studio Express – Open



1. Open up Microsoft SQL Management Studio Express.

Step 2: Microsoft SQL Management Studio Express

| 2009.002 | | |
|--------------------------|--|--|
| IPC-VM2008-002 | | |
| vs Authentication | | |
| /M2008-002\Administrator | | |
| | | |

Note: For documentation purposes, the **Server Name** is different from your server name.

1. Click Connect

Step 3: Microsoft SQL Management Studio Express – Delete aspnetdb



- 1. Expand Databases
- 2. Left Click on aspnetdb
- 3. Right Click on Delete

Step 4: Microsoft SQL Management Studio Express – Delete aspnetdb



1. Place a checkmark in 'Delete backup and restore history information for databases' (there usually is already a checkmark here).

- 2. Place a checkmark in 'Close Existing Connections'.
- 3. Click OK

Step 5: Microsoft SQL Management Studio Express – Delete ESM5_3



- 1. Left Click ESM_3
- 2. Right Click Delete

Step 6: Microsoft SQL Management Studio Express – Delete ESM5_3

| Select a page | 🔍 Script 👻 💽 Help | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------|
| General | | |
| | Ubject to be deleted | - 1 |
| | Object Name Object Type Owner Sta | Message |
| | ESM5_2 Database WIN | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Connection | | |
| Server: (local) | | |
| Connection: STAND-2KR2\Administrator | | |
| View connection properties | | |
| Progress | \wedge | |
| Ready | Delete backup and restore history information for databases | |
| The second secon | Cose existing connections | |
| | | |
| | | OK Carr |
| | | |

1. Place a checkmark in 'Delete backup and restore history information for databases' (there usually is already a checkmark here).

- 2. Place a checkmark in 'Close Existing Connections'
- 3. Click OK

🖌 Delete Object

Step 7: Microsoft SQL Management Studio Express – Delete ESM5_3_Central

| Server Se | er Managemen | t Studie | • | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------|-----------|------|--|--|
| File Edit View D | ebug Tools V | Vindow | Community | Help | | |
| New Query | 🕞 i 😂 🖬 d | | | | | |
| Object Explorer | | - 9 | × | | | |
| Connect • 💱 💱 🗉 | 👕 💽 🎿 | | | | | |
| E 6 (local) (SQL Serv | er 10.50.1600 - 5 | TAND-2K | R21 | | | |
| E System (| at abases | | | | | |
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| 🗉 过 ASPState | | | | | | |
| E 596_2 | Control | | | | | |
| 🗵 🧰 Security | New Database. | | | | | |
| 🖂 🚞 Server | New Query | | | | | |
| Replicat Manage | Soript Database | as 🕨 | | | | |
| | Tasks | , | | | | |
| | Policies | | | | | |
| | Facets | | | | | |
| | Start PowerShe | a | | | | |
| | Reports | | | | | |
| | Rename | | | | | |
| | Delete | | | | | |
| | Refresh | | | | | |
| | Properties | | | | | |
| | | | | | | |
| | | | | | | |

- 1. Left Click ESM5_3_Central
- 2. Right Click Delete

Step 8: Microsoft SQL Management Studio Express – Delete ESM5_3_Central

| 🔀 Delete Object | | | | | | |
|-----------------------------------------|-----|------------------------|--------------------------|-----------|--------|---------|
| Select a page | S S | cript 🔹 🚺 Help | | | | |
| | Ob | ject to be deleted | | | | |
| | 0 | bject Name | Object Type | Owner | Status | Message |
| | | ESM5_2_Central | Database | WIN_ | | |
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| | | | | | | |
| Connection | | | | | | |
| Server: | | | | | | |
| (local) | | | | | | |
| Connection: STAND-2KR2LAdministrator | | | | | | |
| | | | | | | |
| THE CONTRACTOR | | | | | | |
| Progress | | | | | | |
| Ready | | Delete backup and res | tore history information | for datab | ases | |
| Sec. 2 | 1 | Close existing connect | ions | | | |
| | | | | | | |
| | | | | | Г | ОК |
| | | | | | | |

1. Place a checkmark in 'Delete backup and restore history information for databases' (there usually is already a checkmark here).

- 2. Place a checkmark in 'Close Existing Connections'
- 3. Click OK

- 0 ×

Step 9: Microsoft SQL Management Studio Express – Logins – Delete ipconfigure

| Nicrosoft SQL Server Hana | igement Studio Expr | 555 | | _ O × |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------|------------------------------------------|------------|
| File Edit View Tools W | ndow Community P | elp | | |
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| Object Explorer | | 0 X Sum | sary | • × |
| 🛃 🛃 = 🝸 🛃 | | 2 | 2781 | |
| 😑 🚺 RecordingSrv (SQL Server | 9.0.3042 - RECORDING | SRVAd | | |
| Databases | | | ipconfigure | |
| E Security | | | RECORDINGSRV/Security/Logins/loconfigure | () Term(s) |
| 🖹 🦲 Logins | | | | |
| BUILTIN/Admin | visitrators | | | |
| Configure (1996) Configure (1996) A NT AUTHOL A sa A second Server Roles Credentais Server Objects A Rapicaton B Management | New Login Script Login as Reports Rename Delete Refresh Proportios | | | |
| 4 | | 2 | | |
| Ready | | | | |

- 1. Left Click ipconfigure
- 2. Right Click Delete

Step 11: Microsoft SQL Management Studio Express – Logins – Delete ipconfigure – Confirmation Screen

| Microsof | t SQL Server Management Studio Express | × |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <u>.</u> | Deleting server logins does not delete the database users associated with the logins. To complete the process, delete the users in each database. It may be necessary to first transfer the ownership of schemas to new users. | |
| ъ | OK Cancel |] |
| 1. (| Click OK | |

Step 10: Microsoft SQL Management Studio Express – Logins – Delete ipconfigure

| Select a page | Ss | npt 🔹 🚺 Help | | | | | |
|----------------------------|------|-------------------|-------------|-------|--------|---------|--------|
| General General | - | | | | | | |
| | Obje | ect to be deleted | | | | | |
| | | ject Name | Object Type | Owner | Status | Message | |
| | | ipconfigure | Login | | | | _ |
| | | | | | | | |
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| | | | | | | | |
| Connection | | | | | | | |
| Connection | 11. | | | | | | |
| Server: RecordingSnv | | | | | | | |
| Connection | | | | | | | |
| RECORDINGSRV-Administrator | | | | | | | |
| Wew connection properties | | | | | | | |
| | | | | | | | |
| Progress | | | | | | | |
| Ready | | | | | | | |
| 1 | | | | | | | |
| | | | | | | | |
| | | | | | | OK | Cancel |
| | | | | | | | |

1. Click OK

Step 12: Microsoft SQL Management Studio Express – Logins – Delete webcam

| 🍢 Hicrosoft SQL Server H | anagement Studio Expre | \$\$ | _ 0 × |
|----------------------------|----------------------------|-------------------------------------|--------------|
| File Edit View Tools | Window Community He | lp l | |
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| Object Explorer | - | 9 X Summary | - × |
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| 🖂 🚺 RecordingSrv (SQL Se | rver 9.0.3042 - RECORDINGS | RVWd | |
| Databases | | 📔 webcam | |
| E Security | | RECORDINGSRV/Security/Logins/webcam | () There (a) |
| 🖂 🦳 Logins | | | v rushqy |
| BUILTIN A | dministrators | | |
| A NT AUTHO | RITY'SYSTEM | Name | |
| <u>A</u> 50 | | | |
| 👗 webcam | Newlock | | |
| Credentials | freew Logen | | |
| 🛞 🧰 Server Objects | script Login as | | |
| Replication Macagement | Reports + | | |
| E Carageners | Rename | | |
| | Delete | | |
| | Refresh | | |
| | Properties | | |
| L | | | |
| 4 | | 2 | |
| Ready | | _ | |

- 1. Left Click webcam
- 2. Right Click Delete

Step 14: Microsoft SQL Management Studio Express – Logins – Delete ipconfigure

| Owner | Status | Message | Microsof | t SQL Server Management Studio Express |
|-------|--------|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | <u>.</u> | Deleting server logins does not delete the database users associated with the lo process, delete the users in each database. It may be necessary to first transfe schemas to new users. |
| | | | 45 | [|
| | | | 1. C | lick OK |

Step 13: Microsoft SQL Management Studio Express – Logins – Delete ipconfigure

Object Name Object Type webcam Login

1. Click OK

ок

×

gins. To complete the r the ownership of

Cancel

OK

Step 15: Microsoft SQL Management Studio Express – Exit

| Hicrosoft SQL Server Manag | ement Studio Express | - 0 > |
|-----------------------------------|-------------------------------|--------------|
| le Edit View Tools Win | fow Community Help | |
| Connect Object Explorer | ex 🖬 🕼 🖬 🖓 🖉 🛫 🖕 | |
| Disconnect Object Explorer | - + X Summary | ~ × |
| New | • 🖬 🖬 🖬 🖬 | |
| Open | , H2 - RECORDINGSRV (Ad | |
| Close | 📙 sa | |
| Save Selected Items Ctrl+ | RECORDINGSRV(Security/Logins) | sa O Item(s) |
| Save Selected Items As | rs | |
| Save Al Ctrl+Shift+ | Name | |
| Page Setup | DM . | |
| Print Ctrl+i | | |
| Exit | | |
| P Replication Management | | |
| | | |
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| | | |
| | | |
| | | |

- 1. Click File
- 2. Click Exit

INTERNET INFORMATION SERVICES (IIS) MANAGER - DELETE CAMERA WEBSITE

Step 1: Microsoft Internet Information Services (IIS) Manager



- 1. Click Start
- 2. Click Administrative Tools
- 3. Click Internet Information Services (IIS) Manager

Step 2: Microsoft Internet Information Services (IIS) Manager – Sites

| File View Help |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start Line Constituent Start Type Start |

- 1. Verify that there is not a Camera Web Site under Sites
- 2. Click File
- 3. Click Exit

*Note: If there is a site named Cameras, right click on the Cameras name and delete it.

DELETE REGISTRY ENTRY/VERIFY REGISTRY

Step 1: Registry – Open

| Programs | |
|----------------------|----------------------|
| Regedit | |
| | Administrator |
| | Documents |
| | Computer |
| | Network |
| | Control Panel |
| | Administrative Tools |
| | Help and Support |
| | Run |
| | Windows Security |
| | |
| 0.0.1.5.1 | |
| >> Search Everywhere | |
| Search the Internet | |
| Recedit | |

1. Start Regedit

Step 2: Registry -HKEY_LOCAL_Machine Software/ipConfigure/Service

| 1 Computer | Name | Type | Data | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|-----------------|--|
| Herr CLASSE, BOOT Herr CLASSE, BOOT Herr CLASSE, BOOT Herr LOCK, MACHE Herr LOCK, MACHE Herr LOCK, MACHE HERRIT HERRIT | (a) (Perfault) | REG_52 | (value not set) | |

- 1. Open up HKEY_LOCAL_MACHINE
- 2. Open up Software
- 3. Verify that there is not an ipConfigure Entry

ipConfigure 5.4 Changing IP Address Guide (Server 2008)

This document provides detailed instructions on what needs to be done on a 2008 server if the IP Address is used for installation. This document will cover the areas in Microsoft SQL, Local Server System Properties, the network card, two web.config files, and the Registry, that will need to be updated as well. The Server 2008 Change IP Guide utilizes screen shots of an actual 2008 Server ESM 5.4.

Note: For the purpose of this training document, the Old Server IP Address is: 192.168.100.24. The new IP Address is 192.168.100.25 to help you see where the changes are taking place within the screen shots. When requesting to Edit and change the old IP Address to the new, please use your IP Address.

IP ADDRESS CHANGE – NETWORK CONFIGURATION

Step 1: Network Card Configuration – Network Connections



Step 2: Network Card Configuration – Network Connections



1. Open Network Connections.

1. Right Click on the Network Card that has the IP Address that needs to be changed.

2. Click Properties

192 . 168 . 100 . 24

255 . 255 . 255 . 0

192 . 168 . 100 . 1

OK

Advanced...

Cancel

? X

Step 3: Network Connections – Local Area Connection Properties

| onnect using: | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------|
| 🔮 Intel(R) PRO/1 | 000 PM Network Conn | ection |
| | | Configure |
| his connection uses | the following items: | |
| Client for Mic | crosoft Networks | |
| QoS Packet | Scheduler | |
| File and Prin | ter Sharing for Microsof | t Networks |
| Internet Prot | ocol Version 6 (TCP/IP | V6) |
| | opology Discovery Mar | ver 1/0 Driver |
| Y Her Link-Laver L | CONDUCTVE LAST ADVECTV DOD | |
| Ink-Layer 1 Ink-Layer 1 | opology Discovery Res | ponder |
| Link-Layer T Link-Layer T | opology Discovery Res | ponder |
| Install | Opology Discovery Res | Properties |
| Ink-Layer T Link-Layer T Install | opology Discovery Ma Opology Discovery Res | Properties |
| Install Description Transmission Contr | opology Discovery Map opology Discovery Res Uninstall | Properties |
| Link-Layer T Link-Layer T Install Description Transmission Cont wide area network across diverse inte | Opology Discovery Map Opology Discovery Res Uninstall of Protocol/Internet Pro protocol that provides | Properties tocol. The default |

1. Click Internet Protocol Version 4 (TCP/IPv4)

Obtain DNS server address automatically Use the following DNS server addresses: Preferred DNS server: 192,168,100,18

ſ

Step 4: Internet Protocol Version 4 (TCP/IPv4)

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

Internet Protocol Version 4 (TCP/IPv4) Properties

Obtain an IP address automatically
 Use the following IP address:

Properties

General

IP address:

Subpet mask:

Default gateway:

Alternate DNS server:

1. Locate the IP address and change it to the new IP address.

2. Click Properties

Step 5: Internet Protocol Version 4 (TCP/IPv4) Properties



- 1. IP address updated.
- 2. Click OK

IP ADDRESS CHANGE - STOP SERVICES

Step 1: Services – Computer Management

| | J Terminal Services | |
|----------------------|-------------------------------------------------|--|
| | 🦫 Component Services | |
| | Computer Management | |
| | Data Sources (ODBC) | |
| | 8 Event Viewer | |
| | Internet Information Services (IIS) 6.0 Manager | |
| | Internet Information Services (IIS) Manager | |
| 27.2 | SCSI Initiator | |
| | Local Security Policy | |
| | Memory Diagnostics Tool | |
| | Reliability and Performance Monitor | |
| Administrator | Security Configuration Wizard | |
| | Server Manager | |
| Documents | 🔅 Services | |
| Committee | 👷 Share and Storage Management | |
| Computer | Storage Explorer | |
| Network | System Configuration | |
| | - 🕑 Task Scheduler | |
| Control Panel | Windows Firewall with Advanced Security | |
| | 🕍 Windows Media Services | |
| Administrative Tools | 🚯 Windows Server Backup | |

- 1. Click on Start
- 2. Click on Administrator Tools
- 3. Click on Computer Management

Step 2: Computer Management – Services – ipConfigure

| Computer Management (Local) | e ^ | Status | Startup Type | Actions | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--|
| Syntem Tools Syntem Syntem | Interactive Services Detection Interactive Services Detection Internet Connection Sharing (CS) Philiper Scinfigure Archive Creation Service Scinfigure Archive Creation Service Scinfigure Records Collection Precently and Service States Collection Precently Area Service States Collection Precently Area Service States Collection Precently Archive States Collection Precently Archive States Collection Precently Archive States Collection Precently Archive States Collection Second Fibble Channel Flatform Regist Records Fibblere Channel Flatform Regist Records Fibblere Channel Flatform Regist Records Fibblere Adapter Hillmeda Class Scheduler Hillmeda Class Scheduler Hillmeda Class Scheduler | Started Started Started Started Started Started Started Started | Jan wa 1990 Marvall Disabled Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Marval Marval Marval Marval Marval Marval Automatic Automatic Automatic Automatic Automatic Automatic | Services More IgConfigur. More | |

The 4 ipConfigure Services need to be stopped

- 1. Stop ipConfigure Archive Creation Service
- 2. Stop ipConfigure Export Functions
- 3. Stop ipConfigure Recording Central Service
- 4. Stop ipConfigure Server Statistics Collection

| Step | 3: | Computer | Management | Services | - | World | Wide |
|------|----|----------|------------|----------|---|-------|------|
| Web | | | | | | | |

| Computer Management (Local) | Name - | Status | Startup Type | • | Actions | Ť |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------|---|
| If Stretm Tools If O Task Scheduler If O Task Scheduler If If If Scheduler If I | Wholes Event Calettre Wholes Event Calettre Wholes Prevail Wholes Whol | Started Started Started Started Started Started Started Started Started | Marual Automatic Automatic Manual Manual Automatic Automatic Automatic Automatic Automatic Automatic Automatic Manual Manual Manual Manual Automatic Automatic | • | Services More World Wid. More | |

1. Stop the World Wide Web Publishing Service

IP ADDRESS CHANGE – UPDATE REGISTRY

Step 1: Registry – Open

Step 2: Registry – HKEY_LOCAL_Machine Software/ipConfigure/Service

| Programs | | 🖆 Registry Editor | | | |
|-----------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------|---------|--------------------------------------|
| 📸 Regedit | | File Edit View Favorites Help | | - | |
| | | E MATY CLASSES ROOT | Name Martin (M) | Type | Data (volument eat) |
| | | HKEY_CURRENT_USER | Capture Application | REG SZ | C: Program Files loconfigure) |
| | Administrator | HEY LOCAL MACHINE | A Database Password | REG SZ | r34d0niv |
| | , ion in our creation | 8-1 BCD0000000 | Database Port | REG SZ | 80 |
| | Description | B- L COMPONENTS | Database Server | REG_SZ | 192.168.100.24 |
| | Documents | HARDWARE | Database Server | REG_SZ | 1; 0=Registry, 1=SQL Server, 2=mySQL |
| | - | B Shama | 🛎 Database UserID | REG_SZ | webcam |
| | Computer | SECIETY | 🛎 eMail Interval | REG_SZ | 60 |
| | | SOFTWARE | Meartbeat Interval | REG_SZ | 5 |
| | Network | a 🔒 Adobe | Max Archive Size | REG_SZ | 50 |
| | 22 | 🛞 🍶 Caphyon | Remote Server | REG_SZ | 192.168.100.24 |
| | and the second | 🛞 🍌 Classes | Remote Server Port | REG_SZ | 80 |
| | Control Panel | B- L Clents | Root Archive Path | REG_SZ | E: (pConfigure) |
| | and the second second second second | B bescription | KOOL EXPORT Path | REG_52 | c: (temp graport) |
| | Administrative Tools 🕨 | Congre | Encorditat Interval | 860_52 | 3600 |
| | | R-1 Macromedia | Table Name | 850.57 | FIMS 0 |
| | Help and Support | B Microsoft | A Lise HTTPS | REG SZ | FALSE |
| | | 🛞 🔒 Mozila | | | |
| | Pup | HozilaPlugins | | | |
| | - Contract | B- COBC | | | |
| | | B Policies | | | |
| | Windows Security | Registerecappications | | | |
| | | R- HOTY LISTRS | | | |
| | | HKEY_CURRENT_CONFIG | | | |
| | | | | | |
| | | Computer (HKEY_LOCAL_MACHINE)SOFTWAR | ElipConfigure Service | | |
| | | | | | |
| 🔎 Search Everywhere | | 1 | | | |
| Search the Internet | | | | | |
| - ocarerrare internet | | і і. Ореп ир нкі | | L_I≌IAC | |
| Regedit | | | | | |

1. Start Regedit

- 2. Open up Software
- 3. Open ipConfigure
- 4. Open Service

Step 3: Registry – Database Server



1. Look for Database Server, it will be your old IP Address.

2. Enter new IP Address

Step 4: Registry – Remote Server



1. Look for the Remote Server.

Change the entry from the old IP Address to the new IP Address.

*For this training documentation, the Remote Server entry 192.168.100.25 has been updated from the old IP Address of 192.168.100.24

2. Please input your IP Address here.

Step 5: Registry – Server Name

| Computer | Name | Type | Data |
|--------------------------|--------------------|--------|--------------------------------------|
| HKEY_CLASSES_ROOT | (Default) | REG_SZ | (value not set) |
| HKEY_CURRENT_USER. | Capture Applicat | REG_SZ | C: Program Files (pconfigure) |
| HREY_LOCAL_MACHINE | Database Password | REG_SZ | r34d0nly |
| B BCD0000000 | Database Port | REG_SZ | 80 |
| B COMPONENTS | Database Server | REG_SZ | 192.168.100.25 |
| HARDWARE | Database Server | REG_SZ | 1; 0=Registry, 1=SQL Server, 2=mySQL |
| B SAM | Database UserID | REG_SZ | webcam |
| sec erry | eMai Interval | REG_SZ | 60 |
| SECONDIT | Heartbeat Interval | REG_SZ | 5 |
| G Adde | Max Archive Size | REG_SZ | 50 |
| Carbon | Remote Server | REG_SZ | 192.168.100.25 |
| Classes | Remote Server Port | REG_SZ | 80 |
| R- Clents | Root Archive Path | REG_SZ | E:\pConfigure\ |
| Description | Root Export Path | REG_SZ | c:\temp\export\ |
| 8 bConfigure | Server Name | REG_SZ | 192.168.100.24 |
| Service | Edit String | | X |
| Macromedia Microsoft | Value name: | | |
| R Mozila | Canvar Name | | |
| MozilaPlugins | Poerror name | | |
| B COBC | Value data: | | |
| B Policies | 192.168.100.25 | | |
| RegisteredApplications | | | |
| B SYSTEM | | | OK Cancel |
| HREY_USERS | | | |

- 1. Look for Remote Server, it will be your old IP Address.
- 2. Please input your IP Address here.

Step 6: Registry – HKEY_LOCAL_Machine Software/Wow6432Nod/ipConfigure/Service



1. For 64 bit OS, make the same changes to the second set of registry keys found at the path above in the screenshot.

(Software>Wow6432\Node>ipConfigure>Services)

IP ADDRESS CHANGE – UPDATE MICROSOFT SQL SERVER CONFIGURATION

Step 1: Microsoft SQL Server Configuration Manager



1. Right Click on Protocols for MSSQLSERVER

Step 2: Microsoft SQL Server Configuration Manager

| File Action View Help | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------|-------------------|
| 😤 SQL Server Configuration Manager (Local) | Protocol Name | Status | |
| SQL Server 2005 Services SQL Server 2005 Network Configuration -Protocols for MSSQLSERVER SQL Native Client Configuration Client Protocols Alases | Shared Memory | Enabled | |
| | а тср/ір а via | Enabled Disabler | Enable Disable |
| | | | Help |

- 1. Right Click on TCP/IP
- 2. Click on Properties

Step 3: Microsoft SQL Server Configuration Manager – TCP/IP Properties

| Enabled | Yes |
|------------|-------|
| Keep Alive | 30000 |
| Listen All | Yes |
| No Delay | No |
| | |
| | |

1. Click on the IP Addresses Tab

Step 4: Microsoft SQL Server Configuration Manager – TCP/IP Properties

| Ac | | | |
|------|-----------------|----------------|---|
| | tove | Yes | |
| En | abled | Yes | |
| IP | Address | 192.168.100.24 | |
| TC | P Dynamic Ports | | |
| TC | P Port | 1433 | |
| E IP | 5 | | |
| Ac | tive | Yes | |
| En | abled | No | |
| IP | Address | ::1 | |
| TC | P Dynamic Ports | | |
| TC | P Port | 1433 | |
| E IP | 6 | | |
| Ac | tive | Yes | |
| En | abled | Yes | |
| IP | Address | 127.0.0.1 | - |

1. Locate the old IP Address

For training purposes, we are looking for 192.168.100.24. However in your network environment, the IP Address will be different. Please find your IP Address.

Step 5: Microsoft SQL Server Configuration Manager – Step 6: Microsoft SQL Server Configuration Manager TCP/IP Properties

| 8 | IP4 | | <u> </u> |
|---|-------------------|----------------|----------|
| | Active | Yes | |
| | Enabled | Yes | |
| | IP Address | 192.168.100.25 | |
| | TCP Dynamic Ports | | |
| | TCP Port | 1433 | |
| Ξ | IP5 | | |
| | Active | Yes | |
| | Enabled | No | |
| | IP Address | ::1 | |
| | TCP Dynamic Ports | | |
| | TCP Port | 1433 | |
| Ξ | IP6 | | |
| | Active | Yes | |
| | Enabled | Yes | 1.1 |
| | IP Address | 127.0.0.1 | * |

ESM 5.4 System Administrator's Manual



1. IP Address Updated

For training purposes, we are changing the IP Address to 192.168.100.25.

However in your network environment, the IP Address will be different. Please use your new IP Address.

IP ADDRESS CHANGE – UPDATE MICROSOFT SQL MANAGEMENT STUDIO EXPRESS

Step 1: Microsoft SQL Management Studio Express – Open



1. Open up Microsoft SQL Management Studio Express

Step 2: Microsoft SQL Management Studio Express

| | Database Feature | 1 |
|------------------------------|-------------------------------|---|
| Server type: Server name: | IPC-VM2008-002 | 1 |
| Authentication: | Windows Authentication | 1 |
| User name: | IPC-VM2008-002\Administrator | |
| User name: Password: | IPC-VM2008-002 VAdministrator | |

1. Click Connect to connect to your SQL Server.

*Note: The ${\bf Server} \ {\bf Name}$ field on this screen should have your cur listed.

Step 3: Microsoft SQL Management Studio Express – Restart Service

| 🍢 Microsoft SQL Server Management Studio Exp | press | |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------|
| File Edit View Tools Window Community | Help | |
| Chjett Explorer | Summary a a a T III | * X |
| B Security B Security B Server Objects B Region C Management | WIN-I9DP5PRM2+ WIN-I9DP5PRM2+H Databases Security Security Replication Management | 4H (SQL 5 Item(s) |
| (| | Ľ |

1. In the Object Explorer window, look for the Server Name at the top.

Step 4: Microsoft SQL Management Studio Express - Restart

| 🔆 Microsoft SQL Server Manageme | nt Studio Express | | |
|-----------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------|
| File Edit View Tools Window | Community Help | b 🕾 . | |
| Object Explorer | ÷ ₹ X Summ | ary | - > |
| C C C C C C C C C C C C C C C C C | Connect Disconnect Register New Query Start Stop Pause Resume | VIN-I9DP5PRM N-I9DP5PRM2+4 Ases Ny r Objects ation permet | 124H (SQL sitem(s) |
| | Restart Reports I | | |
| × | Refresh Properties | | <u>ب</u> |
| Ready | | | |

- 1. Right Click the Server Name in the Object Explorer.
- 2. Click Restart

*Note: This is restarting the SQL Services. You can also go directly restart each SQL service individually.

Step 5: Microsoft SQL Management Studio Express – Restart Service



1. Click Yes to confirm that you want to restart the SQL Service

Step 6: Microsoft SQL Management Studio Express – Restart





ServerIP

NULL

192.168.100.24

Step 7: Microsoft SQL Management Studio Express Object Explorer

| - One of the Party | | 6 | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|----------------|-----------------------|----------------|------------|--------------|-----------|-------|
| 🗉 🖮 🐻 Overge Type * 🕇 😝 💷 🏥 | R. | | | | | | | | |
| toter + + + | WIR DOFTFRAM | L- dationer Sen | ary . | | | | | | |
| 1 = Y | ServerE | SeverDescription | SeverOnatione | CentraDratiane | Server# | SeverLorse | ServerActive | Straption | State |
| 1011-00279701040 503 Server 5.6 2012 - 1021 B | | Location Server | 192.988.100.24 | http://102.968.505.24 | 192.168.100.24 | ALL | * | 7 | 100 |
| Catabase . | 1 100 | ALL | 10.02 | 2044 | 2041 | ALEY | 1996 | 20.61 | MEC |
| H 🦕 System Databases | | | | | | | | | |
| X J spretb | | | | | | | | | |
| 8 9 696.0 | | | | | | | | | |
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| W To Seculty | | | | | | | | | |
| H I ENLO CHINA | | | | | | | | | |
| a Security | | | | | | | | | |
| Server Objects | | | | | | | | | |
| Topication | | | | | | | | | |
| Hanagement | | | | | | | | | |
| | | | | | | | | | |

- 1. Click Databases
- 2. Expand ESM5_2
- 3. Expand Tables
- 4. Right click on dbo.tServer
- 5. Select Edit Top 200 Rows

Step 9: Microsoft SQL Management Studio Express – ESM5_2 – dbo.tServer

| RECO | ORDINGSRV db | o.tServer Summa | ry | | |
|------|--------------|-------------------|----------------|-----------------------|----------------|
| | ServerID | ServerDescription | ServerDnsName | CentralDnsName | ServerIP |
| I | 10 | Location Server | 192.168.100.24 | http://192.168.100.24 | 192.168.100.24 |
| * | NULL | NULL | NULL | NULL | NULL |

- 1. Look for the ServerDNSName
- 2. Look for the CentralDNSName
- 3. Look for the Server IP

Step 10: Microsoft SQL Management Studio Express – ESM5_2 – dbo.tServer – ServerDNSName

Step 8: Microsoft SQL Management Studio Express

NULL

ServerDescription ServerDnsName CentralDnsName

Location Server 192.168.100.24 http://192.168.100.24

NULL

Object Explorer – ServerDNSName

Look for the ServerDNSName

WIN-I9DP5PRM2...- dbo.tServer Summary

NULL

ServerID

10

NULL

1.

| REC | ORDINGSRV | - dbo.tServer Summ | жy | | |
|-----|-----------|--------------------|----------------|-----------------------|----------------|
| | ServerID | ServerDescription | ServerDnsName | CentralDnsName | ServerIP |
| 1 | 10 | Location Server | 192.168.100.25 | http://192.168.100.24 | 192.168.100.24 |
| * | MUL | NULL | NULL | NULL | NULL |

1. Update the Server DNSName

Step 11: Microsoft SQL Management Studio Express – ESM5_3 – dbo.tServer – CentralDNSName

| RECORDINGSRV dbo.tServer Summary | | | | | | | |
|----------------------------------|----------|-------------------|----------------|-----------------------|----------------|--|--|
| | ServerID | ServerDescription | ServerDnsName | CentralDnsName | ServerIP | | |
| ۲. | 10 | Location Server | 192.168.100.25 | http://192.168.100.25 | 192.168.100.24 | | |
| * | MUL | NULL | MUL | NULL | NULL | | |

1. Update the CentralDNSName

ESM5_3 - dbo.tServer - ServerIP

Step 12: Microsoft SQL Management Studio Express -

| RE | CORDINGSRV | - dbo.tServer Summ | ary | | |
|----|------------|--------------------|----------------|-----------------------|----------------|
| | ServerID | ServerDescription | ServerDnsName | CentralDnsName | ServerIP |
| ۲. | 10 | Location Server | 192.168.100.25 | http://192.168.100.25 | 192.168.100.25 |
| * | NULL | NULL | NULL | NULL | NULL |

1. Update the ServerIP

Step 13: Microsoft SQL Management Studio Express Object Explorer – ESM5_3_Central



- 1. Expand ESM5_3_Central
- 2. Expand Tables
- 3. Right click on dbo.tblServer
- 4. Select Edit Top 200 Rows

Step 14: Microsoft SQL Management Studio Express – ESM5_3_Central – dbo.tblServer – IPAddress

| ST | AND-2KR2.ES | dbo.tblServer | | |
|----|-------------|---------------|-----------------------|---------|
| | State | Zip | IPAddress | Enabled |
| • | NULL | NULL | 192.168.100.26/ESMWCF | True |
| * | NULL | NULL | NULL | NULL |

1. Update the IPAddress

*Note: This only has to be done for the server that has had the IP Address change. If this is a single server it should be the only entry.

IP ADDRESS CHANGE - IPCONFIGURE MATRIX WEB.CONFIG FILE

Step1: ipConfigure Matrix Web.Config File

| 🔾 🕞 🕞 🕞 🕞 Computs | er · New Volume (E:) | • 🕶 🚱 Search | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------|---------------------------|
| File Edit View Tools | Help 👻 🕐 Burn | | |
| Favorite Links Documents Fictures Fictu | Name A | Date modified - Type x | <u> Sze Tags </u> |

Step 2: ipConfigure Martrix Web.Config File

| 🌀 🔾 = New 1 | Volume | (E:) • ipConfigure • | | | - 1 | Search | | | 2 |
|-----------------------|--------------|----------------------|-----|------------------|-----|-------------------|--------|-------|---|
| File Edit View Tools | Help ws • | 🦲 Open 💌 🦿 | Bur | m | | - | | 1.1- | |
| Favorite Links | N | ame A | • | Date modified | | Type ACOV Ele | * Size | Tags | |
| Documents | | playbackkor.aspx | | 7/1/2008 10:4 | | ASPX File | | 11/2 | |
| Pictures | | Dreners inites array | | 10/7/2009 2:441 | DM | ASDY File | | SKR | |
| D Marie | | renderex.aspx | | 7/1/2009 6:11 P | м | ASPX File | | 1 103 | |
| D Description Channel | | rendering.htm | | 4/10/2009 3:431 | PM | HTML Document | | 1 88 | |
| Kecency changed | -11 | Search_detail.aspx | | 7/1/2009 5:50 P | м | ASPX File | | 1 KB | |
| Searches | | Search_grid_aspx | | 10/21/2009 1:35 | | ASPX File | | 15 KB | |
| Public | 10 | sendfile_aspx | | 7/1/2009 6:07 P | м | ASPX File | | 1 KB | |
| | | sendwmfile.aspx | | 7/1/2009 6:07 P | м | ASPX File | | 1 KB | |
| | - 10 | settings.aspx | | 7/1/2009 6:11 P | м | ASPX File | | 1 KB | |
| | | singlecamerastream | | 8/22/2009 12:44 | h | ASPX File | | 3 KB | |
| | | singlestream.aspx | | 7/1/2009 5:46 P | м | ASPX File | | 7 KB | |
| | | singlewmplayback.a | spx | 7/1/2009 6:07 Pt | м | ASPX File | | 7 KB | |
| | | status_history.aspx | t - | 7/1/2009 6:11 P | м | ASPX File | | 4 KB | |
| | 4 | StyleSheet.css | | 8/6/2009 4:48 P | м | Cascading Style . | | 5 KB | |
| | - 15 | thumb_detail.aspx | | 9/10/2009 2:32 | PM | ASPX File | | 3 KB | _ |
| F.11 | - 18 | web.config | | 12/15/2009 9:34 | l | CONFIG File | | 17 KB | |
| Folders | ^ | WMPlayback.aspx | | 10/8/2009 4:39 | PM | ASPX File | | 11 KB | |

Go to the location on your server where the ipConfigure Application is located.

1. In the main folder, look for the Web.Config file

Step 3: ipConfigure Matrix Web.Config File - Open

| Ca Do 📙 • New Yok | me (E:) • ipConfigure • | * (| Search | | 0 |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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| Ple Edit View Tools | relp • 🕘 Open 🔹 🦿 | Burn | | | |
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| Folders | web.config | 10.00.00000 4.00.044 | ACOV ELL | 17KB | _ |

- Right click on the Web.Config file 1.
- Click on Open With... 2.

Step 5: ipConfigure Matrix Web.Config File

- cadd key="scorestring" value="server=@Dankis.com/dl:oatabase=CSH5.0_Central;User ID=webCam;Pa cadd key="sTitlestring" value="ipConfigure ISM 3.0 Camera System"/> cadd key="camcontrolks: value="controls/ipConfigureDMPPackage.cab#version=4,4,0,0"/> cadd key="CMMOSEr" value="rom"/> cadd key="CMMOSEr" value="rom"/> cadd key="CMMOSEr" value="rom"/> cadd key="CMMOSEr" value="rom"/> cadd key="ServiceFort" value="rom"/> cadd key="cmMoSer" value="rom"/> cadd key="cmMoServiceFort" value="so"/> cadd key="cycleTimer" value="soo"/> cadd key="cycleTimer

- 1. Look for the line:

<addkey="sConnString"value="Server=192.168.100.24;Da tabase=

ESM5_2_Central;UserID=webcam;Password=r34d0nly;"/>

Step 7: ipConfigure Matrix Web.Config File - ServerIP

- cadd key="account:fing" value="Server:192.108.100.25;Database=Set3_D_central;User ID== cadd key="Stillestring" value="inconfigure Key 5.0 Camera System"/> cadd key="Cancontrolum_"sature="Controls/ipconfigureKM#Package.cab#version=4.4.0.0"/> cadd key="Cancontrolum_"none"/> cadd key="Cancontrolum_"none"/> cadd key="Cancontrolum_"none"/> cadd key="Cancontrolum_"none"/> cadd key="Cancontrolum_"none"/> cadd key="Autostart" value="True"/> cadd key="Autostart" value="Stood">> cadk key="Autostart" value="Stood">> cadk key="Autostart" value="Stood">> cadk key="Autostart" value="Stood"/> cadk key="Autostart" value="Stood"/> cadk key="Autostart" value="Stood"/> cadk key="Autostart", value="Stood", value", stood"/> cadk key="Autostart", value", stood"/> cadk key="Autostart", value", stood"/> cadk key="Autostart", value", stood"/> cadk key="Autostart", value", stood"/> ca

Look for the line: 1.

<add key="ServerIP"value="192.168.100.24"/>

Step 4: ipConfigure Matrix Web.Config File - Notepad

| en With | |
|----------------------------------------------------------------------------------------|------------------------------|
| Choose the program you want to use to open this file: File: web.config | |
| Recommended Programs | |
| Notepad Microsoft Corporation | |
| Other Programs | E |
| | |
| | |
| | |
| | |
| | |
| Always use the selected program to open this kind of file | Browse |
| the program you want is not in the list or on your computer, you can <u>look for t</u> | he appropriate program on th |
| | OK Cancel |

1. Click on Notepad

Step 6: ipConfigure Matrix Web.Config File - Server

cadd key="sCorrdiring" value="Server=[020160=00708] batabas=45915_0_Central;User ID=webcam;Password=n add key="StillEstring" value="Spcoff Gpref(SS-30 Camera System"/> add key="Camcorrolms," value="Controls/ipconfigureeMPPackage.cab+version=4,4,0,0"/> add key="Camcorrolms," value="Controls/ipconfigureeMPPackage.cab+version=4,4,0,0"/> add key="Autostart" value="Torut"/> add key="ServicePort" value="Torut"/> add key="ServicePort" value="Torut"/> add key="ServicePort" value="Torut"/> add key="ServicePort" value="So00"/> add key="ServicePort" value="S000"/> a

1. Edit the IP Address and change it to the new IP Address.

Step 8: ipConfigure Matrix Web.Config File - ServerIP

cadd key="sCoreGVting" value="Server=102.105.100.15:0atJbase=GMS_0_Central;User ID=webCan
cadd key="stitlestring" value="jocorflow=6.00 % > 0 Camera System"/>
cadd key="camcontrology" value="jocorflow=0.000 % > 0
cadd key="camcontrology" value="jocorflow=0.000 % > 0
cadd key="camcontrology" value="jocorflow=0.000 />
cadd key="service" value="jocorflow=0.000 />
cadd key="ser

Edit the IP Address and change it to the new IP 1. Address.

Step 9: ipConfigure Matrix Web.Config File - ServerIP

```
c1-- 0 = areaps use camerair -->
c1-- 1 = if first and second octet matches use the captureip -->
c1-- 2 = if first and second octet matches use the capture ip -->
c1-- 3 = if first, 2nd and 3rd octets match use the capture ip -->
cadd key="Networkkesolution" value="0"/>
appSettings>
ornectionStrings>
crenove name="SqlProvider"/>
crenove name="SqlProvider"/>
cadd name="SqlProvider" connectionString="Server=100.5168.500.72]; patabase=aspre
cadd name="SqlProvider" connectionString="Server=100.5168.500.52]; patabase=aspre
cadd name="SqlProvider" connectionString
```

Look for the line: 1.

<add name="SqlProvider"

connectionString="Server=192.168.100.24;Database=aspn etdb;User ID=webcam;Password=r34d0nly;"/>

Step 11: ipConfigure Matrix Web.Config File - Save



- 1. Click File
- 2. Save the changes.

IP ADDRESS CHANGE - IPCONFIGURE ADMIN WEB.CONFIG FILE

Step 1: ipConfigure Admin Web.Config File

| 🕌 ipConfigure | | | |
|------------------------|-------------------------|-----------------------------|-----------------|
| 💽 😺 - New Volu | me (E:) • ipConfigure • | 👻 🚺 Search | <u></u> |
| File Edit View Tools H | elp | | |
| 🕥 Organize 💌 🔡 Views | 💌 💽 Open 🛛 🤰 Share | 🕐 Burn | |
| Provide Links | Name ^ | Date modified + Type | + Size + Tags + |
| Pavorite Links | admin | 12/15/2009 9:34 File Folder | |
| Documents | bin | 12/15/2009 9:34 File Folder | |
| Pictures | L controls | 12/15/2009 9:34 File Folder | |
| Music | 🔒 flash | 12/15/2009 3:20 File Folder | |
| D Recently Changed | handlers | 12/15/2009 9:34 File Folder | |
| Country Changed | 🔒 images | 12/15/2009 9:34 File Folder | |
| searches | lbrary | 12/15/2009 9:34 File Folder | |
| Public | 🗼 maps | 12/15/2009 9:34 File Folder | |
| | 🗼 scripts | 12/15/2009 9:34 File Folder | |
| | 🍌 temp | 12/15/2009 9:34 File Folder | |
| | advanced_detail.aspx | 7/1/2009 3:34 PM ASPX File | 1 KB |
| | advanced_grid.aspx | 10/8/2009 4:39 PM ASPX File | 12 KB |
| | ajax_archive.ashx | 10/6/2009 5:53 PM ASHX File | 1 KB |
| | ajax_archive.aspx | 7/1/2009 3:41 PM ASPX File | 1.KB |
| | ajax_camera.aspx | 7/1/2009 4:41 PM ASPX File | 1.68 |
| | ajax_events.aspx | 7/1/2009 4:42 PM ASPX File | 1 KB |
| | ajax_export.ashx | 10/6/2009 5:53 PM ASHX File | 1 KB |
| Folders ^ | ajax_export_aspx | 7/1/2009 4:43 PM ASPX File | 1 KB 💌 |

In the main folder, look for the folder "admin" and open 1. Look for the Web.Config file 1. it.

<!-- 0 = always use cameratP --> <!-- 1 = if first octet matches use the captureip --> <!-- 2 = if first and second octet matches use the capture ip --> <!-- 3 = if first, 2nd and Ird octets match use the capture ip --> cadd key-Networkmesolution" value="0"/> (appSettings> oremove name="AsQlProvider"/> oremove name="AsQlProvider"/> <edd name="AsQlProvider"/> <edd name="SqlProvider" connectionstring"/> <edd name="SqlProvider" connectionstring="Server=1000166,100006;Database=aspneted")</pre>

Step 10: ipConfigure Matrix Web.Config File - SQL

Provider

Edit the IP Address and change it to the new IP 1. Address.

Step 2: ipConfigure Admin Web.Config File

| 00 • New \ | iolume (E:) • ipConfigure • admin • | • | 🔛 Search | | 2 |
|----------------------|-------------------------------------|-------------------|-------------------|---------------|---|
| File Edit View Tools | Help vs 🔻 🥘 Open 💌 🚯 Burn | | | | 0 |
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| Documents | ReportModification.aspx | 7/9/2009 2:50 PM | ASPX File | 18 KB | |
| Pictures | Reports.aspx | 7/22/2009 2:02 PM | ASPX File | 13 KB | |
| Music | ReportScheduler.aspx | 10/5/2009 4:33 PM | ASPX File | 18 KB | |
| D Recently Changed | rssFeeds.aspx | 7/22/2009 12:13 | ASPX File | 6 KB | |
| Country Country of | schedule.aspx | 8/7/2009 6:48 AM | ASPX File | 7 KB | |
| er searches | scheduleAppointment.ascx | 7/1/2009 6:44 PM | ASCX File | 43 KB | |
| 🎉 Public | server.aspx | 7/22/2009 12:13 | ASPX File | 12 KB | |
| | serverDefaults.aspx | 7/22/2009 12:13 | ASPX File | 11 KB | |
| | serverVolume.aspx | 11/12/2009 12:5 | ASPX File | 8 KB | |
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Step 3: ipConfigure Admin Web.Config File - Open

| 🅌 admin | | | | | _ D X |
|------------------------------------------------|---------------------------------|---------------------------------|---------------------------|----------|-------|
| 💮 🔂 🕨 • New Volu | me (E:) • ipConfigure • admin • | | 🔹 🚺 Search | | 2 |
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| Documents | ReportScheduler.aspx | 10/5/2009 | ford To b | 18 KB | |
| Pictures | rssFeeds.aspx | 7/22/2009 | send to | 6 KB | |
| Music | schedule.aspx | 8/7/2009 6 | Cut | 7 KB | |
| Recently Changed | scheduleAppointment.ascx | 7/1/2009 6 | Сору | 43 KB | |
| D fauchar | server.aspx | 7/22/2009 | A | 12 KB | |
| in searches | serverDefaults.aspx | 7/22/2009 | Create Shortcut | 11 KB | |
| Public | serverVolume.aspx | 11/12/2009 | Delete | 8 KB | |
| | StyleSheet.css | 8/6/2009 4 | Rename | 8 KB | |
| | user.aspx | 11/12/2009 | Properties | 13 KB | |
| Ealders | web.confg | 12/15/2009 | UIS CONFIGHE | 15 KB | _ |
| reides | | | | | |

- 1. Right click on the Web.Config file
- 2. Click on Open With...

Step 4: ipConfigure Admin Web.Config File – Notepad

| Open With | > |
|-----------------------------------------------------------------------------------------------------------|--------------------------------|
| Choose the program you want to use to open this file: File: web.config | |
| Recommended Programs | |
| Other Programs | ⊞ |
| | |
| | |
| Always use the selected program to open this kind of file | Browne |
| If the program you want is not in the list or on your computer, you can <u>look for t</u> <u>Web</u> . | the appropriate program on the |
| | OK Cancel |

1. Click on Notepad

Step 5: ipConfigure Admin Web.Config File – Server



 Look for the line: <add key="sConnString" value="Server=192.168.100.24;Database=ESM5_2_Central;

User ID=webcam;Password=r34d0nly;"/>

Step 7: ipConfigure Admin Web.Config File - ServerIP

cadd key="scornstring" value="server=192.168.100.23;Database=ESM5.0_Central;User ID=webcam;Passw cadd key="server:P" value="bconfigure ESM 5.0 Camera System Admin"/> cadd key="server:P" value="bconfigure" server:P" value="bconfigure" cadd key="server:P" value="bconfigure" server:P" value="bconfigure" cadd key="server:P" value="bconfigure" value="bconfigure" cadd key="server:P" value="bconfigure" va

1. Look for the line:

<add key="ServerIP" value="192.168.100.24"/>

Step 6: ipConfigure Admin Web.Config File – Server updated

sadd key="sCorrEString" value="Server=(Bit 620 Both 620 Both

1. Edit the IP Address and change it to the new IP Address.

Step 8: ipConfigure Admin Web.Config File – ServerIP

vadd key="storestsring" value="perver=stor.tos.av0.2010stabase=105.0.terra1;vser ip=eestab vadd key="storestsring" value="formational"/> vadd key="storestsring" value="formational"/> vadd key="storestsringe="torestsring"/> vemove rame="Storestsring"/> vremove r

1. Edit the IP Address and change it to the new IP Address.

Step 9: ipConfigure Admin Web.Config File – ESM5_3_Central

1. Look for this line:

<add name="ESM5_3_Central" connectionString="Data Source=192.168.100.24;Initial Catalog=ESM5_2_Central;Integrated Security=True"

Step 11: ipConfigure Admin Web.Config File – SQLProvider

1. Look for this line:

<add name="SqlProvider" connectionString="Server=192.168.100.24;Database=aspn etdb;User ID=webcam;Password=r34d0nly;"/>

Step 10: ipConfigure Admin Web.Config File – ESM5_3_Central

/appsettings-/appsettingsorenove name-"Spinourider"/s orenove name-"Spinourider"/s orenove name-"ADConnectionString"/s <add name="Ssinourider" connectionString"/s <add name="Ssinourider" connectionStrings"/s <add name="Ssinourider" connectionStrings"

1. Edit the IP Address and change it to the new IP Address.

Step 12: ipConfigure Admin Web.Config File – SQLProvider

xadd kay="cyclefieer" value="5000"/>
xadd kay="runefies" value="true"/>
xadd kay="runefies"
connectionStrings
connectionStrings
cremove name="Signs.0_Central"/>
cremove name="Signs.0_Central"/>
cremove name="Signs.0_Central"/>
cadd aname="Signs.0_Central"/>
xadd name="Signs.0_Central"/>
xadd name="Si

1. Edit the IP Address and change it to the new IP Address.

IP ADDRESS CHANGE – RESTART SERVICES

Step 1: Services



The World Wide Web Publishing Service needs to be stopped.

1. Start the World Wide Web publishing service.

Step 2: Services - ipConfigure

| ne actor wew nep | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Image: Second | Started Started Started Started Started Started Started Started Started Started Started Started | Starba Type I Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Manual Manual Manual Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic Automatic | Actions Services More More |

- 1. Start ipConfigure Archive Creation Service
- 2. Start ipConfigure Export Functions
- 3. Start ipConfigure Recording Central Service
- 4. Start ipConfigure Server Statistics Collection

IP ADDRESS CHANGE – VALIDATE IPCONFIGURE SOFTWARE

Step 1: ipConfigure Matrix Login Page



1. In the address bar, use the new IP Address

2. Verify that you get this address when using your new IP Address.

http://192.168.100.25 (*Note: use your new IP Address)

Step 3: Server Services

| Global Devices | 1 | Network Settings | | |
|---------------------------------------------|-------------|---------------------|--------------------|---------------|
| Placeholder Campus Placeholder Building | | Description | Location Server | Active 2 |
| D I Placeholder Building Remote S | | LAN IP Address | 192.168.100.25 | |
| Continue Server Archive S | | WAN IP Address | 192.168.100.25 | |
| - SI Expconfigure-Archive | | DNS Name | 192.168.100.25 | |
| | | ESM URL | http://192.168.100 | 21 |
| | Email Notif | Email Notifications | | |
| | | SMTP Server | | <none></none> |
| | | SMTP Account | | <none></none> |
| | | SMTP Password | | <none></none> |
| | | Recipients (Sep | arated by commas) | <none></none> |
| | | | | |

1. Login to the Administrator Page

2. Go to the Location Server Archive Server

3. Verify that the new IP Address is in the LAN IP Address box.

4. Verify that the new IP Address is in the WAN IP Address box.

5. Verify that the new IP Address is in the DNS Name box.

6. Verify that the new IP Address is in the ESM URL box.

Step 2: ipConfigure Admin Login Page

| And the second s | S + D + 2 kit + Rep + Seldy + Rek + Be |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Ŕ | Enterprise Surveillance Manager Administrator v 5.4 |
| User 10 Password | |
| | Log In |

1. In the address bar, use the new IP Address

2. Verify that you get this address when using your new IP Address.

http://192.168.100.25/admin(*Note: use your new IP
Address)

ipConfigure 2008 Server Name Change Guide

This document provides detailed instructions on what needs to be done on a 2008 server if the Server Name is used for a DNS installation. This document will cover the areas in Microsoft SQL, Local Server IIS User Accounts, two web.config files, and the Registry, that will need to be updated as well. The 2008 Server Name Change Guide utilizes screen shots of an actual 2008 Server ESM 5.4 system and includes a numbering methodology to reference screen attributes and reference to registry and database changes.

For the purpose of this training document, the Old Server Name is: CamSRV. The new server name is RecordingSrv to help you see where the changes are taking place within the screen shots.



1. In the address bar, when using the DNS Server Name, the server name is in the web address.



1. In the address bar, when using the DNS Server Name, the server name is in the web address.

Step 4: Server Manager – System Properties



1. Click on Change System Properties

Step 3: Server Manager – Manage



- 1. Click on the Start Bar
- 2. Right Click on Computer
- 3. Left Click on Manage

Step 2: ipConfigure Matrix Login Page

Step 5: Server Manager – System Properties

| Windows use on the netwo | es the following information to identify your computer rk. |
|-----------------------------|-----------------------------------------------------------------|
| Computer description: | |
| | For example: "IIS Production Server" or "Accounting Server". |
| Full computer name: | CamSrv |
| Workgroup: | WORKGROUP |
| workgroup, click Chang | e |
| workgroup, click Chang | e |

1. Click on Change

Step 6: Server Manager – Rename Server

| Compu | uter Name/Doma | ain Change | Si | × |
|-----------------------|---------------------------------------------------------|------------------------------|----------------------------|--------------------------|
| You c comp More | an change the nam uter. Changes might information | e and the m t affect acce | embership o ss to netwo | of this rk resources. |
| Comp | uter name: | | | |
| Cam | Srv | | | |
| Full co CamS | omputer name: irv | | [| More |
| Mer | mber of | | | |
| 0 | Domain: | | | |
| | Workgroup: | | | |
| | WORKGROUP | | | |
| | | (| ЭК | Cancel |

1. In the Computer name field, change the name of the server to the new name that you want.

Step 7: Server Manager – Rename Server – updated

| You can change the nar computer. Changes migh <u>More information</u> | ne and the me nt affect acces | mbership of this s to network resourc | es. |
|-----------------------------------------------------------------------------|----------------------------------|------------------------------------------|-----|
| Computer name: | | | |
| RecordingSrv | | | |
| Full computer name: RecordingSrv | | More | |
| Member of | | | |
| C Domain: | | | _ |
| Workgroup: | | | |
| WORKGROUP | | | |
| | | | |

1. In this example, we are changing the server name from CamSrv to RecordingSrv.

2. After changing the name, click OK

Step 8: Server Manager – Restart Server



1. You must restart your server at this point.

Step 9: Server Manager – System Properties

| stem Properties | | |
|-----------------------------|-----------------------------------------------------------------|--|
| Computer Name Hardw | are Advanced Remote | |
| Windows use on the netwo | s the following information to identify your computer k. | |
| Computer description: | | |
| | For example: "IIS Production Server" or "Accounting Server". | |
| Full computer name: | RecordingSrv | |
| Workgroup: | WORKGROUP | |
| | | |
| | | |
| | | |
| Changes will take | effect after you restart this computer. | |
| | Chart Council Acad | |

1. A verification at the bottom of the screen is again stating that you must restart the server before proceeding.

The restart is necessary before any further changes that you will be making.

Step 11: Computer Management



After the server has been rebooted:

- 1. Click on Start
- 2. Click on Administrator Tools
- 3. Click on Computer Management

Step 10: Server Manager – Restart Server



1. Click Restart Now

Step 12: Computer Management – Services – ipConfigure



The 4 ipConfigure Services need to be stopped:

- 1. Stop ipConfigure Archive Creation Service
- 2. Stop ipConfigure Export Functions
- 3. Stop ipConfigure Recording Central Service
- 4. Stop ipConfigure Server Statistics Collection

Step 13: Computer Management Services – World Wide Web



The World Wide Web Publishing Service needs to be stopped.

1. Stop the World Wide Publishing Service

Step 14: Computer Management Local Users and Groups –Users

| Comp for Management (aca) | Name | E d Name | Description | Actions | _ |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------|---------------------------------|---------|---|
| System Tools | Administrator | - Carriere | Built-in account for administre | Users | |
| Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Contr | Fg Guest 115R_CamGrv ₩ML/S_CamGrv | Internet Guest Account | Built-in account for puest acc | More | • |
| | • | |) | | |

In the Computer Management Pane, look for Local Users and Groups

1. Click on Users

2. Look for the IUSR_ account, you will see the current server name.

3. Change the sever name, but leave the IUSR_ in front of the name.

Step 15: Computer Management Local Users and Groups – Users – IUSR



1. The server name has been changed correctly to $\ensuremath{\mathsf{IUSR_RecordingSrv}}$

*Note: Please use your new server name.

Step 16: Computer Management Local Users and Groups – Users – WMUS

| Computer Hanapement | | | | | |
|---------------------------------|---------------|-------------------------|----------------------------------------|-------------------|--|
| Ne Action View Help | | | | | |
| 4 4 2 1 × 1 + 1 | 8 1 | | | | |
| Computer Management (Local) | Name | Pull Name | Description | Actions | |
| E 👔 System Tools | Administrator | | Built-in account for administering the | Users | |
| (a) Contact Scheduler | Guest | house the set of second | Built-in account for guest access to t | More Actions | |
| 18 😹 Shared Polders | MMAS Cardry | PROPERTY CONTRACTORY | But et account for anonymous acce | WHEN Reconfectory | |
| E A Local Users and Groups | | | | | |
| Groups | | | | Por core | |
| IX I Telability and Performance | | | | | |
| Device Manager | | | | | |
| Disk Management | | | | | |
| E Services and Applications | | | | | |
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1. Look for the WMUS_ account, you will see the current server name.

2. Change the server name, but leave the WMUS_ in front of the name.

Step 17: Computer Management Local Users and Groups – Users – WMUS



1. The server name has been changed correctly to $\mathsf{WMUS}_\mathsf{RecordingSrvv}$

*Note: Please use *your* new server name.

Step 18: ipConfigure Matrix Web.Config File

| new Volume (E:) | | | | | | - 🗆 × |
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| Folders ^ | | | | | | |

Go to the location on your server where the <code>ipConfigure</code> Application is located

Step 19: ipConfigure Matrix Web.Config File

| 🌀 🕞 - New V | iolume (E:) + ipConfigure + | - | Search | | 2 |
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| | playbackASF.aspx | 11/11/2008 10:4 | ASPX File | 1 KB | |
| Documents | playlist.aspx | 7/1/2009 6:07 PM | ASPX File | 1 KB | |
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| Public | sendfile.aspx | 7/1/2009 6:07 PM | ASPX File | 1 KB | |
| | sendwmfile.aspx | 7/1/2009 6:07 PM | ASPX File | 1 KB | |
| | settings.aspx | 7/1/2009 6:11 PM | ASPX File | 1 KB | |
| | singlecamerastream | 8/22/2009 12:44 | ASPX File | 3 KB | |
| | singlestream.aspx | 7/1/2009 5:46 PM | ASPX File | 7 KB | |
| | singlewmplayback.aspx | 7/1/2009 6:07 PM | ASPX File | 7 KB | |
| | status_history.aspx | 7/1/2009 6:11 PM | ASPX File | 4 KB | |
| | 3 StyleSheet.css | 8/6/2009 4:48 PM | Cascading Style | 5 KB | |
| | thumb_detail.aspx | 9/10/2009 2:32 PM | ASPX File | 3 KB | |
| | web.config | 12/15/2009 9:34 | CONFIG File | 17 KB | |
| Folders | WMPlayback.aspx | 10/8/2009 4:39 PM | ASPX File | 11.68 | 1 |

1. In the main folder, look for the Web.Config file

Step 20: ipConfigure Matrix Web.Config File – Open

| a ipcomigure | | | | | |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---|
| 🌀 🕞 🕨 • New Vol. | me (E:) • ipConfigure • | • | 😳 Search | | 2 |
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| Documents Pictures | playbackASF.aspx playlist.aspx Prerequisites.aspx | 11/11/2008 10:4 7/1/2009 6:07 PM 10/7/2009 2:44 PM | ASPX File ASPX File ASPX File | 1 KB 1 KB 5 KB | |
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| | sendwmfile.asg S settings.aspx singlecamerast | iend To Cut Copy | PX File P | 1 KB 1 KB 3 KB 7 KB | |
| | singlewmplayb status_history StyleSheet.css | Dreate Shortout Delete Rename | PX File PX File scading Style | 7 KB 4 KB 5 KB | |
| | thumb_detail.a p | roperties | PX File NFIG File | 3 KB 17 KB | |

- 1. Right click on the Web.Config file
- 2. Click on Open With...

Step 21: ipConfigure Matrix Web.Config File -Notepad

| Open With | × |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Choose the program you want to use to open this file: File: web.config | |
| Recommended Programs | |
| Notepad Microsoft Corporation | |
| Other Programs | Ŧ |
| | |
| | |
| | |
| | |
| | |
| | |
| Always use the selected program to open this kind of file | Browse |
| If the program you want is not in the list or on your computer, you can look for the Web. | e appropriate program on the |
| [| OK Cancel |
| | and the second |

1. Select Notepad

Step 23: ipConfigure Matrix Web.Config File - Server

cadd key="sconestring" value="server=geneste; Database=ESM5_0_central;User ID=webcam; cadd key="stitlestring" value="ipconfigure ESM 5.0 Camera System"/> cadd key="ServerIP" value="camerv"> cadd key="CamControlu#" value="camerv"> cadd key="CamControlu#" value="controls/ipConfigureEMPPackage.cab#version=4.4.0.0", cadd key="UMode" value="none"/> cadd key="uMode" value="role"/> cadd key="servicePort" value="false"/> cadd key="servicePort" value="false"/> cadd key="servicePort" value="false"/> cadd key="servicePort" value="false"/> cadd key="servicePort" value="sol"/> sol"/> cadd key="servicePort" value="sol"/> sol"/> sol"/

1. Select the IP Address name and change it to the new IP Address.

Step 25: ipConfigure Matrix Web.Config File -ServerIP

key="sconstring" value="Server=Recordingsrv:Database=65%5_0_Central;User ID=webca key="sritlestring" value="ipconfigure ES% 5.0 Camera System"/> key="ServerIP" value="scone"/> key="CamcontrolUst_ value="controls/ipconfigureEMPPackage.cab#version=4.4.0.0"/> key="value" value="roue"/> key="xalued:"value="roue"/> key="xalued:lesvideo", value="False"/>

Look for the line: 1. <add key="ServerIP" value="CamSrv"/>

Look for your old server name.

Step 22: ipConfigure Matrix Web.Config File

```
stabl key="stitleString" value="perverm_ampiryLowLawAsterLong_v___term_alityStr LormetuLam, radsh
cadd key="stitleString" value="ipConfigure ESM 5.0 Camera System"/>
cadd key="camcorrolus_" value="controls/ipConfigureEMPPackage.cab#version=4,4,0,0"/>
cadd key="utoStart" value="controls/ipConfigureEMPPackage.cab#version=4,4,0,0"/>
cadd key="utoStart" value="rome"/>
cadd key="stutoStart" value="Tome"/>
cadd key="stutoStart" value="Tome"/>
cadd key="startStriceOrt" value="Tome"/>
cadd key="startStriceOrt" value="Tome"/>
cadd key="startStriceOrt" value="Soo"/>
cadd key="startStriceOrt" value="Soo"/>
cadd key="startStriceOrt" value="Soo"/>
cadd key="startStriceOrt" value="Soo"/>
cadd key="TotIonCycleTimer" value="Soo"/>
cadd key="WotIonCycleTimer" value="Soo"/>
```

1. Look for the line:

<add key="sConnString" value="Server=192.168.100.24

192.168.100.24 = Your Server IP Address

Step 24: ipConfigure Matrix Web.Config File - Server Renamed

cadd key="sConnString" value="Server="CotorGingues";Database=ESM5_0_Central;User ID=webca cadd key="sTitleString" value="ipConfigure ESM 5.0 Camera System"/> cadd key="camcorrolsk" value="controls/ipConfigureEMPPackage.cab#version=4,4,0,0"/> cadd key="CuDodd" value="none"/> cadd key="sucoStart" value="controls/ipConfigureEMPPackage.cab#version=4,4,0,0"/> cadd key="sucoStart" value="none"/> cadd key="sucoStart" value="none"/> cadd key="sucoStart" value="none"/> cadd key="servicePort" value="%conds =-> cadd key="serviceP

1. For this training documentation, the Sever Value=RecordingSrv shows it has been updated from the old server name of CamSrv.

Please input your server name here.

Step 26: ipConfigure Matrix Web.Config File -ServerIP Renamed

cadd key="sconstring" value="server-Recordingsrv:Database=ESH5_0_Central;User ID=webcam;Pai cadd key="stillestring" value="jccordingure ESH 5.0 Camera system"/> cadd key="serverit" value="iccordingure" cadd key="camcontrolset" value="iccordingure" cadd key="Camcontrolset" value="iccordingure" cadd key="lowde" value="incord"/> cadd key="iccordingure" cadd key="stervice" value="True"/> cadd key="stervice" value="fcord"/>

For this training documentation, the ServerIP 1. Value=RecordingSrv shows it has been updated from the old server name of CamSrv.

Please input your server name here.

Step 27: ipConfigure Matrix Web.Config File - SQL

<!-- 2 = if first and second octet matches use the capture ip -->
<!-- 3 = if first, 2nd and 3rd octets match use the capture ip -->
<add key="wetworkdesolution" value="0"/>
appSettings>
onnectionStrings>
<remove name="SqlProvider"/>
<add name="SqlProvider" connectionString="Server=@emsre;Database=aspnetdb;User ID=webcam;Pi
</add

1. Look for the line:

<add name="SqlProvider"

connectionString="Server=Recordingsrv;Database=aspnetd b;User ID=webcam;Password=r34d0nly;"/>

Step 28: ipConfigure Matrix Web.Config File – SQL Updated

2 = if first and second octet matches use the capture ip -->
i = if first, 2nd and 3rd octets match use the capture ip -->
<ad key="wetworkkesolution" value="0"/>
applettings>
onnectionStrings>
<remove name="SqlProvider"/>
<add name="SqlProvider" connectionString="Server=Kemmes; Database=aspnetdb; user ID=webcam; P

1. For this training documentation, the SQLProvider Server Value=RecordingSrv shows is has been updated from the old server name of CamSrv.

Step 30: ipConfigure Admin Web.Config File

Please input your server name here.

Step 29: ipConfigure Matrix Web.Config File – Save



1. Click File

2. Save the changes

| 🔿 🖓 - New V | Volume (E:) • ipConfigure • a | dmin 👻 👻 🕻 | Search | | 2 |
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| Enumrite Links | Name + | Date modified | Type | Size - Tags | - 1 × |
| Payorite Links | ReportFrame.aspx | 7/22/2009 2:36 PM | ASPX File | 11 KB | |
| Documents | ReportingPage.aspx | 7/17/2009 4:11 PM | ASPX File | 28 KB | |
| Pictures | ReportModification.a | spx 7/9/2009 2:50 PM | ASPX File | 18 KB | |
| Music | Reports.aspx | 7/22/2009 2:02 PM | ASPX File | 13 KB | |
| Recently Changed | ReportScheduler.asp | x 10/5/2009 4:33 PM | ASPX File | 18 KB | |
| D fauther | rssFeeds.aspx | 7/22/2009 12:13 | ASPX File | 6 KB | |
| g searcres | schedule_aspx | 8/7/2009 6:48 AM | ASPX File | 7 KB | |
| Public | scheduleAppointment | Lascx 7/1/2009 6:44 PM | ASCX File | 43 KB | |
| | server.aspx | 7/22/2009 12:13 | ASPX File | 12 KB | |
| | serverDefaults.aspx | 7/22/2009 12:13 | ASPX File | 11 KB | |
| | serverVolume.aspx | 11/12/2009 12:5 | ASPX File | 8 KB | |
| | StyleSheet.css | 8/6/2009 4:48 PM | Cascading Style | 8 KB | |
| | user.aspx | 11/12/2009 11:3 | ASPX File | 13 KB | _ |
| | El anh sanfa | 10/16/2000 0-24 | COMPLEX ELL | 18.49 | |

Step 31: ipConfigure Admin Web.Config File

1. Look for the Web.Config file



1. In the main folder, look for the folder "admin" and open it.

Step 32: ipConfigure Admin Web.Config File – Open

| web.config | 12/15/2009 9:34 | CONFIG File | 15 KB | |
|--------------------------|-------------------|-----------------|---------------------------|---|
| user.aspx | 11/12/2009 11:3 | ASPX File | Properties | |
| StyleSheet.css | 8/6/2009 4:48 PM | Cascading Style | rvenene | _ |
| serverVolume.aspx | 11/12/2009 12:5 | ASPX File | Dename | |
| serverDefaults.aspx | 7/22/2009 12:13 | ASPX File | Delete | |
| server.aspx | 7/22/2009 12:13 | ASPX File | Create Shortout | |
| scheduleAppointment.ascx | 7/1/2009 6:44 PM | ASCX File | Сору | |
| schedule.aspx | 8/7/2009 6:48 AM | ASPX File | Cut | |
| rssFeeds.aspx | 7/22/2009 12:13 | ASPX File | | - |
| ReportScheduler.aspx | 10/5/2009 4:33 PM | ASPX File | Send To | , |
| Reports.aspx | 7/22/2009 2:02 PM | ASPX File | Restore previous versions | |
| ReportModification.aspx | 7/9/2009 2:50 PM | ASPX File | Open With | |
| ReportingPage.aspx | 7/17/2009 4:11 PM | ASPX File | Edit | |
| ReportFrame.aspx | 7/22/2009 2:36 PM | ASPX File | Open | |

- 1. Right click on the Web.Config file
- 2. Click on Open With...

Step 33: IpConfigure Admin Web.Config File – Notepad



1. Click on Notepad

Step 35: ipConfigure Admin Web.Config File – Server updated



1. Select the server name and change it to the new server name.

Step 34: ipConfigure Admin Web.Config File – Server

| <pre>cad bey="ctomstring" value="ferver_definite_bitablace.tbs.dc.terral:use_tb=webcat;Password='M400nly;"/> add tey="strictistring" value="camer"/> add tey="strictistring"/> add tey="stri</pre> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| nremove name-"Solivov(der")> venove name-"Soli,Ocerta": venove name-"Accomentiontring") venove name-"Accomentiontring" vado name-"Engl.Ocerta": venovechings of the soliton |

1. Look for the line:

<add key="sConnString" value="Server=CamSrv

CamSrv = Your Server Name

Step 36: ipConfigure Admin Web.Config File – ServerIP

- Cerverine cadd key-"strilestring" value="server-denses" batabase-SW1.0.feetralius="thwebcas; Password-r1460nly; "/> cadd key-"strilestring" value="servering" cadd key-"servering" value="servering" cadd key-"servering" value="servering" cadd key-"servering" c
- 1. Look for the line

<add key="ServerIP" value="CamSrv"/>

Look for your old server name.

Step 37: ipConfigure Admin Web.Config File – ServerIP updated

| <pre>cade kyp=iTilestring' value "bycoffigure EPP 5.0 Camera System Admin"/> cade kyp=iSmrleert" the service and the service a</pre> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

1. For this training documentation, the ServerIP Value=RecordingSrv shows it has been updated from the old server name of CamSrv.

Please input your server name here.

Step 38: ipConfigure Admin Web.Config File – ESM5_2_Central

| cadd keys-'scomotiring' value-'secondingsrv(batabase-S95,0_central)user Towebcampassword+r3400nly(')> cadd keys-'StriveTo' value-'secondingsrv(')> cadd keys-'StriveTo' value-'Recordingsrv(')> cadd keys-'StriveTo' value-'Recordingsrv(')> cadd keys-'StriveTo' value-'Recordingsrv(')> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre><!-- Network timeout in milliseconds--></pre> |
| caob key= swetworktimeout value= 3000 /> |
| <pre>cadd key="cyclerimer" value="5000"/> cadd key="foreChangeMonitoring" value="true"/></pre> |
| (/appSettings> |
| renove name="sqlprovider"/s |
| <pre>cremove name="ESI3_0_Central"/> cremove name="ADConnectionString"/></pre> |
| <pre><add <add="" connectionstring="Securi-CamsrviDatabase=aspnet0bluser ID=webcam:Password=r3400nly;" name="sqlProvider"></add></pre> |

1. Look for this line:

<add name="ESM5_0_Central" connectionString="Data Source=Camsrv;Initial Catalog=ESM5_0_Central;Integrated Security=True" providerName="System.Data.SqlClient"/>

Step 39: ipConfigure Admin Web.Config File – ESM5_2_Central – updated

| <pre>xadd key="sCornitring"_value="Server=Hecordingsrv_Database=SH5_0_Central;User ID=webcam; Password=FiddOnly;"/></pre> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>cadd key="ServerIP" value="lccortigure ESH 5.0 Camera System Admin /s cadd key="ServerIP" value="lccortigures"/> cadd key="ServerIP" value="lccortigures"/></pre> |
| case keys sate vice or value o /> xi Action keys and illisecond ->> |
| case keys settler kinesot value- soor /> <i- -="" gycle="" in="" milliscond="" time=""></i-> |
| <pre>cad key= cyclefiller value= sooo /> cad key= cyclefiller value= sooo /> cad key= "foreChargeVoltering" value="true"/></pre> |
| <connectionstrings></connectionstrings> |
| <pre>vremove name="Sqlitrovider"/> vremove name="Sqlitrovider"/> </pre> |
| <pre>cremove name="ADConnectionString"/> cadd name="EMS-0.central" connectionString"/> tata Source=Camprv:Initial Cataloo=EMS-0.central:Integrated Security=True</pre> |
| <add connectionstring="Server-Camsrv;Gatabase-aspnetdb;User " id-webcam:password-r\$4dbnly;"="" name="SqlProvider"></add> |

1. For this training documentation, the SQLProvider Server Value=RecordingSrv shows it has been updated from the old server name of CamSrv.

Please input your server name here.

Step 41: ipConfigure Admin Web.Config File – SQL updated



1. For this training documentation, the SQLProvider Server Value=RecordingSrv shows it has been updated from the old server name of CamSrv.

Please input your server name here.

Step 40: ipConfigure Admin Web.Config File SQL

| <pre>cad beg-"Screeting" value-"server-second logsry_batass=csH_0_certral;user add beg-"Streeting" value-"second logsry_batass=csH_0_certral;user add beg-"server" value-"second logsry_batass cad beg-"streeting" value-"second logsry_batass cad beg-"streeting" value-"sour" cad beg-"streeting" value-"sour";batass cad beg-"streeting" value-"sour";batass cad beg-"streeting";value-"sour";batass cad beg-"streeting";value-"source";batass cad beg-"streeting";batass cad beg-"streeting";batass cad beg-"streeting";batass cad beg-"streeting";batass cad beg-"streeting";batass cad beg-"streeting";batass cad beg-"streeting";batass c</pre> | 10-webCan; Password-r 34dbn1y; "/> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| appsettings> | |
| <renove name="sqlprovider"></renove> | |
| <pre>«remove name="ESH\$_0_Central"/> «remove name="ACConnectionString"/></pre> | |
| <add connectionstring="Server=Estate:Database=aspretdb;User</p></td><td>atalog=ESH5_0_Central:Integrated Security=True ID=webCam:Password=r34d0nly;" name="ESK1_0_Central" sg1provider"=""></add> | |

1. Look for the line:

<add name="SqlProvider" connectionString="Server=Recordingsrv;Database=aspnetd b;User ID=webcam;Password=r34d0nly;"/>

Step 42: ipConfigure Admin Web.Config File - Save



- 1. Click File
- 2. Save the configuration changes.

SERVER NAME CHANGE - UPDATE MICROSOFT SQL SERVER CONFIGURATION





1. Open up Microsoft SQL Management Studio Express



| Server type: | Database Engine | • |
|-----------------|------------------------------|---|
| Server name: | IPC-VM2008-002 | • |
| Authentication: | Windows Authentication | • |
| User name: | IPC-VM2008-002\Administrator | 7 |
| Password: | | _ |

1. Change the Server Name to your new server name.
Step 3: Microsoft SQL Management Studio Express

| SQLSer | ver.2005 | | |
|-----------------|----------------|-----------------|------|
| Server type: | Database Engin | e | - |
| Server name: | RecordingSrv | | - |
| Authentication: | Windows Auther | ntication | • |
| User name: | RECORDING | SRVAdministrate | or 💌 |
| Password: | | | |
| | F Remember | password | |

1. For this training documentation, the Server name RecordingSrv has been updated from the old server name of CamSrv.

Please input your server name here.

Step 5: Microsoft SQL Management Studio Express ESM5_3 ServerDnsName

| R | CORDINGSRV | - dbo.tServer Summ | мy | | | | |
|----|------------|--------------------|---------------|----------------|----------|---------------|--|
| | ServerID | ServerDescription | ServerDnsName | CentralDnsName | ServerIP | ServerLicense | |
| ۲. | 10 | Location Server | Camorv | | Camsrv | NULL | |
| * | NULL | NULL | NULL | NULL | NULL | NULL | |

1. Look for the ServerDnsName

Step 4: Microsoft SQL Management Studio Express ESM5_3

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| ii 3 de Carentes | | |
| H 🛄 die Kastenhoe | | |
| X 🛄 die Einsteiten | | |
| X 🛄 de tievatien | | |
| X II de De couperplan | | |
| x 3 de tistos | | |
| x 3 do Palas | | |
| 8 🛄 die Petertindee | | |
| × 🗅 die Report | | |
| X 3 de Freikler | | |
| x C ENCOM | | |
| x 3 de Cevelue Neu Tale | | |
| x 3 de tevetairt par | | |
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| | | |

- 1. Click Databases
- 2. Expand ESM5_2
- 3. Expand Tables
- 4. Left click on dbo.tServer
- 5. Right click on Open Table

Step 6: Microsoft SQL Management Studio Express ESM5_3

| | RE | CORDINGSRV | - dbo.tServer Summa | му | | | |
|---------------|----|------------|---------------------|---------------|----------------|----------|---------------|
| ServerLicense | | ServerID | ServerDescription | ServerDnsName | CentralDnsName | Server1P | ServerLicense |
| MUL | 1 | 10 | Location Server | Recordingsrv | | Camsrv | NULL |
| MIL | * | NULL | NULL | NULL | NULL | NULL | NULL |

1. Change the entry from the old server name to the new server name.

For this training documentation, the ServerDNSName entry RecordingSrv has been updated from the old server name of CamSrv.

Please input your server name here.

Step 7: Microsoft SQL Management Studio Express ESM5_3 ServerIP

| REC | RECORDINGSRV dbo.tServer Summary | | | | | | | | | | |
|-----|----------------------------------|-------------------|---------------|----------------|----------|---------------|--|--|--|--|--|
| | Server1D | ServerDescription | ServerDnsName | CentralDnsName | Server1P | ServerLicense | | | | | |
| | 10 | Location Server | Recordingsrv | | Camsrv | MULL | | | | | |
| * | NULL | NULL | NULL | NULL | NULL | NULL | | | | | |

1. Look for the ServerIP

Step 8: Microsoft SQL Management Studio Express ESM5_3 ServerIP

| RE | CORDINGSRV | - dbo.tServer Sum | nary | | | |
|----|------------|-------------------|---------------|----------------|--------------|---------------|
| | ServerID | ServerDescription | ServerDnsName | CentralDnsName | ServerIP | ServerLicense |
| 1 | 10 | Location Server | Recordingsrv | | Reportingsrv | NULL |
| * | NURL | NULL | NEEL | NULL | MAL | NULL |
| * | THORE | THORE | TRUES | THORE | 1994 | TRUES |

1. Change the entry from the old server name to the new server name.

For this training documentation, the ServerIP entry RecordingSrv has been updated from the old server name of CamSrv.

Please input your server name here.

Step 9: Microsoft SQL Management Studio Express ESM5_3_Central



1. On the right side of SQL in the Object Explorer window, expand $\mathsf{ESM5_3_Central}$

- 2. Expand Tables
- 3. Left click on dbo.tServer
- 4. Right click on Open Table

Step 10: Microsoft SQL Management Studio Express ESM5_3_Central IPAddress

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1. Look for the IPAddress Field

Step 11: Microsoft SQL Management Studio Express ESM5_3_Central IPAddress

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1. Change the entry from the old server name to the new server name.

For this training documentation, the ServerIP entry RecordingSrv has been updated from the old server name of CamSrv.

Please input your server name here.

SERVER NAME CHANGE – UPDATE REGISTRY

ipConfigure

Step 1: Registry – Open



1. Start Regedit

ESM 5.4 System Administrator's Manual

Step 2: Registry – HKEY_LOCAL_Machine Software/ipConfigure/Service

| Computer | Name | Type | Data |
|------------------------------------------|---------------------|--------|--------------------------------------|
| HKEY_CLASSES_ROOT | (Default) | REG_SZ | (value not set) |
| HEY_CURRENT_USER | Capture Applicati | REG_SZ | C: Vrogram Files (pconfigure) |
| HKEY_LOCAL_MACHINE | Database Password | REG SZ | r34d0nly |
| B = 200000000000000000000000000000000000 | A Database Port | REG SZ | 80 |
| B COMPONENTS | Database Server | REG SZ | CamSrv |
| HARDWARE | Database Server | REG SZ | 1: 0=Registry, 1=SQL Server, 2=mySQL |
| B- SAM | ADDatabase UserID | REG_SZ | webcam |
| SECURITY | eMai Interval | REG_SZ | 60 |
| C L Links | Heartbeat Interval | REG_SZ | 5 |
| S Cashung | Max Archive Size | REG_SZ | 50 |
| Classes | Remote Server | REG_SZ | CamSrv |
| R Clents | Remote Server Port | REG_SZ | 80 |
| in in Configure | Root Archive Path | REG_SZ | E:\pConfigure\ |
| Service | Root Export Path | REG_SZ | c:(temp)export) |
| Macromedia | Server Name | REG SZ | CamSrv |
| ⊛ Moresoft | ServerStat Interval | REG SZ | 3600 |
| Mozila | A Table Name | REG SZ | ESM5_0 |
| HoallaPlugins | Use HTTPS | REG SZ | FALSE |
| 8-1 008C | | | |
| B- Poldes | | | |
| RegisteredApplications | | | |
| B- SISTEM | | | |
| HKEY_USERS | | | |
| HIEY_CURRENT_CONFIG | | | |

- 1. Open up HKEY_LOCAL_MACHINE
- 2. Open up Software
- 3. Open ipConfigure
- 4. Open Service

| Computer | Name | Type | Data |
|-------------------------|---------------------|--------|--------------------------------------|
| HKEY_CLASSES_ROOT | (Default) | REG_SZ | (value not set) |
| HARY_CURRENT_USER | Capture Applicati | REG_SZ | C: Wrogram Files (pconfigure) |
| HKEY_LOCAL_MACHINE | Database Password | REG_SZ | r34d0nly |
| B BCD0000000 | Database Port | REG_SZ | 80 |
| E COMPONENTS | Database Server | REG_SZ | CamSrv |
| HARDWARE | Database Server | REG_SZ | 1; 0=Registry, 1=SQL Server, 2=mySQL |
| Sec em | Database UserID | REG_SZ | webcam |
| D COEDMARK | eMai Interval | REG_SZ | 60 |
| Adaba | Meartbeat Interval | REG_SZ | 5 |
| E Carburg | Max Archive Size | REG_SZ | 50 |
| R- Classes | Remote Server | REG_SZ | CamSrv |
| E- Clents | Remote Server Port | REG_SZ | 80 |
| B- bConfigure | Root Archive Path | REG_SZ | E:\pConfigure\ |
| Service | Root Export Path | REG_SZ | c:(temp)export() |
| B Macromedia | Server Name | REG_SZ | CamSrv |
| B- Mcrosoft | ServerStat Interval | REG_SZ | 3600 |
| 🛞 🍌 Mozila | A Table Name | REG_SZ | ESM5_0 |
| B- MozilaPlugins | Use HTTPS | REG_SZ | FALSE |
| Deleter | | | |
| Depistered Applications | | | |
| P SYCTEM | | | |
| HEY LISERS | | | |
| HKEY CLERENT CONFIG | 1 | | |
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Step 3: Registry – Database Server

1. Look for Database Server, it will be your old server name.

Step 4: Registry – Database Server updated



1. Change the entry from the old server name to the new server name.

For this training documentation, the ServerIP entry RecordingSrv has been updated from the old server name of CamSrv.

Please input your server name here.

ipConfigure

Step 5: Registry – Remote Server

| Computer | Name | Type | Data |
|------------------------|---------------------|--------|--------------------------------------|
| HKEY_CLASSES_ROOT | (Default) | REG_SZ | (value not set) |
| HKEY_CURRENT_USER | Capture Applicat | REG_SZ | C: Program Files (pconfigure) |
| HKEY_LOCAL_MACHINE | Database Password | REG_SZ | r34d0niy |
| BCD0000000 | A Database Port | REG_SZ | 80 |
| B- COMPONENTS | A Database Server | REG_SZ | RecordingSrv |
| B HARDWARE | Database Server | REG_SZ | 1: 0-Registry, 1-SQL Server, 2-mySQL |
| E- SAM | A Database UserID | REG_SZ | webcam |
| SECURITY | eMail Interval | REG_SZ | 60 |
| C Adaba | Heartbeat Interval | REG_SZ | 5 |
| E Carburg | Max Archive Size | REG_SZ | 50 |
| E Classes | Remote Server | REG_SZ | CamSrv |
| R Clents | Remote Server Port | REG_SZ | 80 |
| E- ipConfigure | Root Archive Path | REG_SZ | E:\pConfigure\ |
| Service | Root Export Path | REG_SZ | c:\temp\export\ |
| E Macromedia | Server Name | REG_SZ | CamSrv |
| B Microsoft | ServerStat Interval | REG_SZ | 3600 |
| 😣 🍌 Mozila | Table Name | REG_SZ | ESM5_0 |
| B MoallaPlugins | Use HTTPS | REG_SZ | FALSE |
| B- 🔔 ODEC | | - | |
| B Policies | | | |
| RegisteredApplications | | | |
| E- SYSTEM | | | |
| HKEY_USERS | | | |
| - PRET_CURRENT_CONFIG | | | |

1. Look for Remote Server, it will be your old server name.

Step 6: Registry – Remote Server updated

| Computer | Name | Type | Data |
|------------------------|---------------------|--------|--------------------------------------|
| B HKEY_CLASSES_ROOT | (Default) | REG_SZ | (value not set) |
| B HKEY_CURRENT_USER | A Capture Applicat | REG SZ | C: Program Files/ipconfigure) |
| B- HAEY_LOCAL_MACHINE | Database Password | REG_SZ | r34d0niy |
| 8 🔒 BCD0000000 | Database Port | REG_SZ | 80 |
| B COMPONENTS | A Database Server | REG_SZ | RecordingSrv |
| B HARDWARE | Database Server | REG_SZ | 1: 0=Registry, 1=SQL Server, 2=mySQL |
| B- SAM | Database UserID | REG_SZ | webcam |
| SECORITY | eMail Interval | REG_SZ | 60 |
| B SOFTWARE | Heartbeat Interval | REG_SZ | 5 |
| Cashuan | Max Archive Size | REG_SZ | 50 |
| Classes | Remote Server | REG_SZ | RecordingSrv |
| R. Clerits | Remote Server Port | REG SZ | 80 |
| inConfigure | Root Archive Path | REG_SZ | E:\pConfigure\ |
| Service | Root Export Path | REG_SZ | c: (temp/export) |
| B Macromedia | M Server Name | REG_SZ | CamSrv |
| H Mcrosoft | ServerStat Interval | REG_SZ | 3600 |
| 🛞 🍶 Mozila | Mable Name | REG_SZ | ESM5_0 |
| 🗄 🏄 MozilaPlugins | Use HTTPS | REG_SZ | FALSE |
| (8) 🎍 ODEC | | | |
| E Policies | | | |
| RegisteredApplications | | | |
| B- SYSTEM | | | |
| HI HALT USERS | | | |
| B HRET_CURRENT_CONFIS | | | |
| | | | |

1. Change the entry from the old server name to the new server name.

For this training documentation, the ServerIP entry RecordingSrv has been updated from the old server name of CamSrv.

Please input your server name here.

Step 7: Registry - Server Name



1. Look for Server Name

Step 8: Registry - Server Name



1. Change the entry from the old server name to the new server name.

For this training documentation, the ServerIP entry RecordingSrv has been updated from the old server name of CamSrv.

Please input your server name here.

Step 9: Registry



1. For 64 bit OS make the same changes to the second set of registry keys found at the path above in the screenshot.

(Software>Wow6432\Node>ipConfigure>Services)

SERVER NAME CHANGE – RESTART SERVICES/VALIDATE IPCONFIGURE SOFTWARE Step 1: Services Step 2: Services – ipConfigure



The World Wide Web Publishing Service needs to be started.

1. Start the World Wide Web Publishing Service



The 4 ipConfigure Services need to be started.

- 1. Start ipConfigure Archive Creation Service
- 2. Start ipConfigure Export Functions
- 3. Start ipConfigure Recording Central Service
- 4. Start ipConfigure Server Statistics Collection

Step 12: ipConfigure Admin Login Page



1. In the address bar, when using the DNS Server Name, the server name is in the web address.

2. Verify that you get this address when using your new Server Name.

http://servername/admin

*Note: use your new server name

Step 13: ipConfigure Matrix Login Page

| Collare (SHS.4 Ligh | | 👌 e 🔯 r 🖂 🛞 e Angele Sahtyle Tunk e 🛞 |
|---------------------|-------------------------------------------------------------------|---------------------------------------|
| 1 | Enterprise Survei | illance Manager v 3.4 |
| - | User 10 sovered Log In Restore previous camera selection | n2 |

1. In the address bar, when using the DNS Server Name, the server name is in the web address.

2. Verify that you get this address when using your new Server Name.

http://servername

*Note: use your new server name