Restricting Dashboard Access ZENworks. Mobile Management 3.2.x

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Adding an IP and Domain Restrictions Server Role

These instructions can be used to allow administrators the ability to limit access to the ZENworks Mobile Management dashboard to only those IP or IP ranges that are necessary for the administration of ZENworks Mobile Management. This will allow admins the ability to minimize the exposure to any content contained within the dashboard.

*Note: if the IP and Domain Restrictions server role has already been added, skip to the next section (here)



1. Open Server manager and access the Add Roles and Features option (Manage > Access Roles and Features).

2. On the Before you begin screen, tap Next.



3. On the Select installation type screen, select Role-based or feature-based installation, and click Next.

| 🚡 Server N | /lanager | | _ | | × |
|------------|--|---|----|------|-----|
| | 📥 Add Roles and Features Wizard | - 0 | × | He | ⊧lp |
| Das | Select installation | type destination serve | R | | ^ |
| Loca | Before You Begin Installation Type Server Selection Server Roles Features Confirmation Results | Select the installation type. You can install roles and features on a running physical computer or virtue machine, or on an offline virtual hard disk (VHD). Role-based or feature-based installation Configure a single server by adding roles, role services, and features. Remote Desktop Services installation Install required role services for Virtual Desktop Infrastructure (VDI) to create a virtual machine-bas or session-based desktop deployment. | il | lide | |
| | | < Previous Next Install Cancel Events Events <td></td> <td></td> <td>~</td> | | | ~ |

4. On the Select destination server screen, please select the server hosting the ZENworks Mobile Management Server Web/HTTP component. If you are on the ZENworks Mobile Management Server Web/HTTP component, that should be the highlighted server. Please double check before proceeding. Highlight the ZENworks Mobile Management Server Web/HTTP component and click Next.

| 🚖 Server I | Manager | | - | \Box \times |
|--------------|---------------------------------------|--|-------|-----------------|
| \mathbf{E} | 📥 Add Roles and Features Wizard | - 0 | × | Help |
| 🛄 Dasi | Select destination | SETVER DESTINATION S | ERVER | ^ |
| Loca | Before You Begin Installation Type | Select a server or a virtual hard disk on which to install roles and features. | | |
| File File | Server Selection | Select a virtual hard disk | | |
| IIS 🕲 | Server Roles | Server Pool | | |
| | Features | | | |
| | | Filter | | |
| | | Name IP Address Operating System | | |
| | | I Microsoft Windows Server 2019 Standard | | |
| | | | | |
| | | | | lide |
| | | | | |
| | | | | |
| | | I Computer(s) tound This name shows servers that are running Windows Server 2012 or a newer release of Windows Se | nver | |
| | | and that have been added by using the Add Servers command in Server Manager. Offline servers | and | |
| | | newly-added servers from which data collection is still incomplete are not shown. | | |
| | | | | |
| | | <u>Previous</u> <u>Next ></u> <u>Install</u> Can | cel | |
| | | Events | | ~ |

 On the Server Select roles screen, navigate to IP and Domain Restrictions (expand Web Server (IIS) > expand Web Server > expand Security). Now, checkmark the box to the left of IP and Domain Restrictions and click Next.



6. No changes should be needed on *Select features* screen, just click **Next**.

| Server Ma | nager | | – 🗆 X – 🗆 X _{Help} |
|--|---|--|--|
| III Dashb II Local S III All Ser IIII File an IIIS | Select features Before You Begin Installation Type Server Roles Features Confirmation Results | Select one or more features to install on the selected server. Features Image: Im | DESTINATION SERVER Description NET framework 3.5 combines the power of the .NET framework 2.0 APIs with new technologies for ubuilding applications that offer appealing user interfaces, protect your cuttomes' personal identity information, enable seamless and secure communication, and provide the ability to model a range of business processes. |
| | | < Previous Next Events Events Events | > Install Cancel |

7. On the *Confirm installation selections* screen, verify that only the **IP and Domain Restrictions** server roles are being installed and then click **Install**.

| 🚡 Server Manager | | - | | \times |
|---|---|--------------------------|---|----------|
| Add Roles and Features Wizard | - | | × | Help |
| Confirm installation selections | DESTINA | TION SERVER | | , |
| Local S Before You Begin Install Sen Installation Type Server Selection Server Roles Features Confirmation Results Results Front confinuation | g roles, role services, or features on selected server, click Install. nation server automatically if required ch as administration tools) might be displayed on this page because th atically. If you do not want to install these optional features, click Previous d Domain Restrictions | ney have ous to clear | | |
| Specify an alternate : | <pre>cource path </pre> | Cancel | | |

Once the **IP and Domain Restrictions** server role has been added/installed, the ZENworks Mobile Management dashboard can have IP addresses either whitelisted or blacklisted within Internet Information Services (IIS).

Allow or Restrict Access to the Dashboard IIS/Virtual Directory

1. Open the Windows Administrative Tools (Start Menu > Windows Administrative Tools)



2. Locate and double-click on Internet Information Services (IIS) Manger

| 🚔 🛃 📄 🖛 | Manage Mar | age Administrative | Tools | - 🗆 X |
|--------------------------|--|-------------------------|---------------|-----------------------|
| File Home Share | View Shortcut Tools Applicati | on Tools | | ~ (|
| ← → * ↑ 😤 « Sys | tem and Security > Administrative Tools | > v | ල් Search Adm | inistrative Tools 🛛 🔎 |
| | Name | Date modified | Туре | Size |
| Y QUICK access | Terminal Services | 9/15/2018 3:19 AM | File folder | |
| 🗄 Documents 🖈 | Component Services | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| 🕂 Downloads 🛛 🖈 | R Computer Management | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| 📰 Pictures 🛛 🖈 | heragment and Optimize Drives | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| Logs | The Disk Cleanup | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| NotifyMDM Server | 🛃 Event Viewer | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| | Internet Information Services (IIS) 6.0 | Ma 9/15/2018 3:13 AM | Shortcut | 2 KB |
| This PC | 📸 Internet Information Services (IIS) Ma | nager 9/15/2018 3:13 AM | Shortcut | 2 KB |
| 🧊 3D Objects | 👧 iSCSI Initiator | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| E Desktop | 🚠 Local Security Policy | 9/15/2018 3:13 AM | Shortcut | 2 KB |
| Documents | 🌮 Microsoft Azure Services | 9/15/2018 3:13 AM | Shortcut | 2 KB |
| Downloads | 📷 ODBC Data Sources (32-bit) | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| b Music | 📷 ODBC Data Sources (64-bit) | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| Dictures | Performance Monitor | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| | 🔚 Print Management | 9/15/2018 3:13 AM | Shortcut | 2 KB |
| Videos | Recovery Drive | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| 🏪 Local Disk (C:) | 鳽 Registry Editor | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| Network | 🔊 Resource Monitor | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| | 💏 Server Manager | 9/15/2018 3:13 AM | Shortcut | 2 KB |
| | 🔗 Services | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| | 🔛 System Configuration | 9/15/2018 3:12 AM | Shortcut | 2 KB |
| 26 items 1 item selected | 1.10 KB | | | |

ZENworks Mobile Management 3.2 Restricting Dashboard Access

3. Expand the server name listed. Now, expand the **Sites** folder. Please locate the ZENworks Mobile Management web site folder (by default installation, it will be labeled Default Web Site). Please expand that web site folder and click on the **dashboard** folder.



4. Within the dashboard Home area (center window), scroll to the **IIS section** and double-click on **IP and Domain Restrictions**



- 5. You can whitelist IP addresses (Add Allow Restriction Rule) or blacklisting IP addresses (Add Deny Restriction Rule) for access to the dashboard.
- 6. Add Allow Restriction Rule (Actions > Add Allow Entry)

| Internet Information Services (IIS) Manager | | - 🗆 × |
|---|--|---|
| ← → 2 + Si | tes 🕨 Default Web Site 🔸 dashboard 🕨 | 📴 🔤 🏠 🔞 - |
| <u>F</u> ile <u>V</u> iew <u>H</u> elp | | |
| Connections | IP Address and Domain Restrictions Use this feature to restrict or grant access to Web content based on IP addresses or domain names. Set the restrictions in order of priority. Add Allow Restriction Rule ? × Allow access for the following IP address or domain name: • • Specific IP address: • • IP address gange: • • Mask or Prefix: • • OK Cancel | Actions Add Allow Entry Add Deny Entry Edit Feature Settings Revert To Parent View Opramic Restriction Settings Image: The setting se |
| Configuration: 'localhost' applicationHost.config | , <location path="Default Web Site/dashboard"></location> | • <u>1</u> |

7. Add Deny Restriction Rule (Actions > Add Deny Entry)

| File View Help | | | | |
|--|---|-------------|--------------|--|
| Eile View Help Connections Image: Connections Image: Connections | IP Address and Domain Restriction: Use this feature to restrict or grant access to Web content based or domain names. Set the restrictions in order of priority. Add Deny Restriction Rule Deny access to the following IP address or domain name: Specific IP address: Interpret Content Con | 5 7 7 | dresses × | Actions Add Allow Entry Add Deny Entry Edit Feature Settings Revert To Parent View Ordered List View Dynamic Restriction Settings C Help |
| | OK | Cancel | | |

8. Click **OK** when finished. Both Add Allow Restriction Rule and Add Deny Restriction Rule allow a specific IP address, a range of IP addresses.