

# Task 1A: Set Up Configuration Manager for Right Click Tools

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If there will be an extended period of time before you install and configure your Recast Management Server, you can use the following instructions to start the Remote Registry service, create firewall rules for Remote Registry, Remote WMI, and ICMP Echo, and configure the Interactive Command Prompt.

## Start the Remote Registry Service

The Remote Registry service is used by many Right Click Tools to pull information about a particular device. To enable Remote Registry, you'll need to start the service and create a new rule to allow it through the firewall.

To start the service:

1. Open the Group Policy Management Console and create a new Group Policy Object.

2. Edit the new Group Policy Object and go to **Computer Configuration** > **Preferences** > **Control Panel Settings** > **Services**.

- 3. Create a new service.
- 4. Change the Startup type to Automatic.
- 5. In the Service name field, browse to Remote Registry.

| Selec                                 | ct a Service 🛛 🗙 | : |
|---------------------------------------|------------------|---|
| Display Name                          | Service Name     |   |
| IPsec Policy Agent                    | PolicyAgent      |   |
| Power                                 | Power            |   |
| Printer Extensions and Notifications  | PrintNotify      |   |
| User Profile Service                  | ProfSvc          |   |
| Remote Access Auto Connection Man     | RasAuto          |   |
| Remote Access Connection Manager      | RasMan           |   |
| Routing and Remote Access             | RemoteAccess     |   |
| Remote Registry                       | RemoteRegistry _ |   |
| RPC Endpoint Mapper                   | RpcEptMapper =   |   |
| Remote Procedure Call (RPC) Locator   | RpcLocator       |   |
| Remote Procedure Call (RPC)           | RpcSs            |   |
| Resultant Set of Policy Provider      | RSoPProv         |   |
| Special Administration Console Helper | sacsvr           |   |
| Security Accounts Manager             | SamSs            |   |
| Smart Card                            | SCardSvr         |   |
| A LO ID C P P P P P                   | <u> </u>         |   |
|                                       |                  |   |
|                                       | Colorad Consul   |   |
|                                       | Select Cancel    |   |
|                                       |                  |   |

6. Under Service action, select Start service. Click OK.

| RemoteRegistry Properties  |                           |  |  |  |  |  |
|--|---------------------------|--|--|--|--|--|
| General Recovery   | Common                    |  |  |  |  |  |
| Startup:   | Automatic V               |  |  |  |  |  |
| Service <u>n</u> ame:  | RemoteRegistry            |  |  |  |  |  |
| Service action:  | Start service V           |  |  |  |  |  |
| Wait timeout if service is locked:       30 ♀ seconds         Log on as:       ●         ● No change       ●         Local System account       □         Allow service to interact with desktop |                           |  |  |  |  |  |
| ○ <u>T</u> his account:  | ○ <u>T</u> his account:   |  |  |  |  |  |
| Password:  |                           |  |  |  |  |  |
| Confirm password:  |                           |  |  |  |  |  |
|  |                           |  |  |  |  |  |
| 0  | Cancel <u>A</u> pply Help |  |  |  |  |  |

7. Close the Group Policy Management Editor.

## Create Firewall Rules for Remote Registry, Remote WMI, and ICMP Echo

By default, Remote Registry, Remote WMI, and ICMP are not allowed through the Windows firewall, but you can enable them with group policy rules.

#### **Remote Registry**

To create a firewall rule for Remote Registry:

1. Open the Group Policy Management Console and create a new Group Policy Object.

2. Navigate to Computer Configuration > Policies > Security Settings > Windows Firewall with Advanced Security > Windows Firewall with Advanced Security.

- 3. Right-click on Inbound Rules and choose New Rule.
- 4. In the New Inbound Rule Wizard, choose **Port**.
- 5. On the Protocols and Ports page, choose **TCP** and **Specific Local Ports**. Enter **445** as the local port.

| <b>@</b>                        | New Inbound                         | d Rule Wizard                 |
|---------------------------------|-------------------------------------|-------------------------------|
| Protocol and Ports              |                                     |                               |
| Specify the protocols and ports | to which this rule applies.         |                               |
| Steps:                          |                                     |                               |
| Rule Type                       | Does this rule apply to TCP or U    | JDP?                          |
| Protocol and Ports              | TCP                                 |                               |
| Action                          | O UDP                               |                               |
| Profile                         |                                     |                               |
| Name                            | Does this rule apply to all local p | orts or specific local ports? |
|                                 | O All local ports                   |                               |
|                                 | Specific local ports:               | 445                           |
|                                 |                                     | Example: 80, 443, 5000-5010   |
|                                 |                                     |                               |
|                                 |                                     |                               |
|                                 |                                     |                               |
|                                 |                                     |                               |
|                                 |                                     |                               |
|                                 |                                     |                               |
|                                 |                                     |                               |
|                                 |                                     |                               |
|                                 |                                     |                               |
|                                 |                                     | Canad                         |
|                                 |                                     | Cancel Geok                   |

6. On the Action page, choose **Allow the connection**.

- 7. On the Profile page, choose the firewall profiles to which the rule will apply. You should select at least the **Domain** level.
- 8. Give the new firewall rule a descriptive name and click **Finish** to exit the New Inbound Rule Wizard.

#### **Remote WMI**

Remote Windows Management Instrumentation (WMI) is used by many Right Click Tools to gather information and perform Configuration Manager client actions on devices.

To create a firewall rule for Remote WMI:

1. Open the Group Policy Management Console and create a new Group Policy Object.

2. Navigate to Computer Configuration > Policies > Security Settings > Windows Firewall with Advanced Security > Windows Firewall with Advanced Security.

3. Right-click on Inbound Rules and choose New Rule.

- 4. On the Rule Type page, choose to create a **Predefined** rule.
- 5. Select Windows Management Instrumentation (WMI) from the drop-down menu and click Next.

| <b>2</b>  | New Inbound Rule Wizard   |
|---|---|
| Rule Type<br>Select the type of firewall rule to o    | reate.  |
| Seps:<br>a Rule Type<br>a Prodified Rules<br>a Action | What they on the level occurations for a program.         • pin         • Control occurations for a TCP or UDP pot.         • Optimum         • Control incompletions for a TCP or UDP pot.         • Control incompletions for a TCP or UDP pot.         • Control incompletions for a TCP or UDP pot.         • Control incompletions for a Windows experience.         • Control incompletions for a Windows experience.         • Control incompletions incompletions in the Windows experience.         • Control incompletions in |

- 6. On the Predefined Rules page, click **Next**.
- 7. On the Action page, choose **Allow the connection**.

8. Click **Finish** to exit the New Inbound Rule Wizard.

#### ICMP Echo (Ping)

ICMP Echo can optionally be used to speed up actions for computers that are offline. Since many of the Tools use methods that are slow to timeout when a computer is turned off, Right Click Tools sends a ping packet to the computer and skips the device if no reply is received. With Right Click Tools Enterprise, there is an option to disable this feature in the server's Global Settings.

To create a firewall rule for ICMP Echo:

1. Open the Group Policy Management Console and create a new Group Policy Object.

2. Navigate to Computer Configuration > Policies > Security Settings > Windows Firewall with Advanced Security > Windows Firewall with Advanced Security.

3. Right-click on Inbound Rules and choose New Rule.

- 4. On the **Rule Type** page, choose to create a **Custom** rule and click **Next**.
- 5. On the **Program** page, choose **All programs** and click **Next**.
- 6. On the Protocols and Ports page, choose a Protocol type of ICMPv4. Click Customize.

| 2                                      | New Inbound Rule Wizard                   |                                |  |  |  |  |  |
|--|---|--------------------------------|--|--|--|--|--|
| Protocol and Ports                     |   |                                |  |  |  |  |  |
| Specify the protocols and ports        | to which this rule applies.               |                                |  |  |  |  |  |
| Steps:                                 |   |                                |  |  |  |  |  |
| <ul> <li>Rule Type</li> </ul>          | To which ports and p                      | rotocols does this rule apply? |  |  |  |  |  |
| Program                                |   |                                |  |  |  |  |  |
| <ul> <li>Protocol and Ports</li> </ul> | Protocol type:                            | ICMPv4 ¥                       |  |  |  |  |  |
| <ul> <li>Scope</li> </ul>              | Protocol number:                          | 1 *                            |  |  |  |  |  |
| <ul> <li>Action</li> </ul>             |   |                                |  |  |  |  |  |
| Profile                                | Local port:                               | All Ports V                    |  |  |  |  |  |
| Name                                   |   |                                |  |  |  |  |  |
|  |   | Example: 80, 443, 5000-5010    |  |  |  |  |  |
|  | Remote port:                              | All Ports V                    |  |  |  |  |  |
|  |   |                                |  |  |  |  |  |
|  |   | Example: 80, 443, 5000-5010    |  |  |  |  |  |
|  | Internet Control Mess<br>(ICMP) settings: | sage Protocol Customize        |  |  |  |  |  |
|  |   |                                |  |  |  |  |  |
|  |   |                                |  |  |  |  |  |
|  |   |                                |  |  |  |  |  |
|  |   |                                |  |  |  |  |  |
|  |   |                                |  |  |  |  |  |
|  |   | < Back Next > Cancel           |  |  |  |  |  |
|  |   |                                |  |  |  |  |  |

7. On the **Customize ICMP Settings** page, select **Specific ICMP types** and **Echo Request**. Click **OK** and then **Next** on the **Protocols and Ports** page.

| Customize ICMP Settings   |  |  |  |  |  |
|---|--|--|--|--|--|
| Apply this rule to the following Internet Control Message Protocol (ICMP)<br>connections:   |  |  |  |  |  |
| ○ <u>A</u> ll ICMP types  |  |  |  |  |  |
| <u>Specific ICMP types</u>  |  |  |  |  |  |
| Packet Too Big Destination Unreachable Source Quench Redirect   |  |  |  |  |  |
| Coho Request     Router Advetisement     Router Solicitation     Time Exceeded     Parameter Problem     Timestamp Request     Address Mask Request |  |  |  |  |  |
| This ICMP type:<br>Type: 0 v Code: Any v Add  |  |  |  |  |  |
| OK Cancel   |  |  |  |  |  |

8. On the **Scope** page, choose **Any IP address** for both the local and remote IP addresses. Click **Next**.

9. On the **Action** page, choose **Allow the connection**. Click **Next**.

10. On the **Profile** page, choose the firewall profiles to which the rule will apply. At a minimum, select the **Domain** level. Click **Next**.

| 2                                  | New Inbound Rule Wizard  |
|------------------------------------|--|
| Profile                            |  |
| Specify the profiles for which thi | s rule applies.  |
| Steps:                             |  |
| Rule Type                          | When does this rule apply?   |
| Protocol and Ports                 |  |
| <ul> <li>Action</li> </ul>         | ✓ Domain   |
| Profile                            | Applies when a computer is connected to its corporate domain.  |
| <ul> <li>Name</li> </ul>           | Browse     Apples with a computer is connected to a private network location, such as a home     or work place.     Public     Apples when a computer is connected to a public network location. |
|                                    | < Back Back Cancel   |

11. Give the new firewall rule a descriptive name and click **Finish** to exit the New Inbound Rule Wizard.

## Set Up Interactive Command Prompt

Interactive Command Prompt setup is done in the Configure Recast Console Extension application regardless of whether you've installed Right Click Tools with or without Recast Management Server. The Interactive Command Prompt tool requires a download of PsExec from the Microsoft website before proceeding.

To configure the Interactive Command Prompt:

1. In your Configuration Manager console, navigate to **Assets and Compliance** > **Recast Software** and click **Configure Recast** in the 'How Can We Help?' section.

| 🗲 🔶 🔹 🌘 👌 🖌 Assets and Compliance 🔸 | Overview + Recast Software +                            |   |   |                            |                   |
|-------------------------------------|---|---|---|----------------------------|-------------------|
| Assets and Compliance «             |   |   |   |                            |                   |
| 4 🦉 Overview                        | RECAST SOFTWARE   |   |   |                            |                   |
| 🙎 Users                             | <u>~</u>  |   |   |                            |                   |
| 🔺 🎼 Devices                         |   |   |   |                            |                   |
| CM Bitlocker                        | Welcome to Right Click To                               | ols                                       |   | Installation Informati     | on                |
| 💰 User Collections                  | You currently have access to our entir                  | e feature set of 80+ tools included in    | the Right Click Tools Enterprise Edition.     | Desktop Installed Version: | 5.2.2307.703      |
| Device Collections                  | We're here to help you get the most                     | out of our tools. If you have questions   | or feedback at any time please                | Server Installed Version:  | 5.2.2307.703      |
| Orchestration Groups                | contact our Customer Success Team                       |   |   | Enterprise License:        | ¥                 |
| Se User State Migration             |   |   |   | License Expiration Date:   | 8/7/2023          |
| Asset Intelligence                  | Contact Support   |   |   | Remote Server Status:      | Connected         |
| Software Metering                   |   |   |   | License Org:               | Recast Software   |
| Compliance Settings                 |   |   |   |                            |                   |
| Endpoint Protection                 |   |   |   |                            |                   |
| All Corporate-owned Devices         | Catting Charted   |   |   |                            |                   |
| Recast Software                     | Getting started   |   |   | How Can We Help?           |                   |
|                                     | Check out some of our most used to                      | ols and dashboards created to surface     | more actionable insights, improve             | now can we nep.            |                   |
|                                     | productivity, and automate complex                      | worknows.                                 |   | $\sim$                     |                   |
|                                     | Software Update Deployment                              | LAPS Dashboard                            | Active Directory Cleanup                      | (GA)                       | ()                |
|                                     | Status (SUDS)   | Surfaces compliance data about            | Dashboard                                     |                            | du la             |
|                                     | Run a highly-targeted scan of                           | the Microsoft LAPS tool. The scan         | Scans Configuration Manager and               | Configure Recort           | Contact Support   |
| -                                   | compliance, returning results in                        | Domain, OU, and/or Collection,            | showing results about where                   | comgure necast             | contact support   |
| Research Assets and Compliance      | two categories: compliance by                           | Results are returned in a simple          | those devices are: in just                    |                            |                   |
| Software Library                    | device and non-compliant devices<br>by update category. | LAPS Present/Not Present chart            | ConfigMgr, just AD, or (properly)<br>in both. |                            |                   |
| Monitoring                          | Expand this node to view the                            | Expand this node to view the<br>dashboard | Expand this node to view the                  |                            | II                |
| Administration                      | dashboard   | Enterprise Tool                           | dashboard                                     | Documentation              | Enterprise Portal |
| S Community                         | Enterprise Tool   |   | Enterprise Tool                               | 0                          |                   |

2. On the Interactive Command Prompt tab, click to Download the PsExec utility from Microsoft.

3. Click Browse and navigate to your local path or copy PsExec over manually into the Local Path field.

| Conf                   | igure Recas            | t Cons           | ole Extension                       |  |                 |                 | -           |         | ×      |
|------------------------|------------------------|------------------|-------------------------------------|--|-----------------|-----------------|-------------|---------|--------|
| General                | Licensing              | SQL              | Wake On Lan                         | Windows Explorer                           | Service Now     | Interactive C   | Command P   | rompt   |        |
| Interacti<br>If you al | ve Comma<br>ready have | nd Pro<br>it dow | mpt relies on Ps<br>nloaded, you ca | Exec to run. Please on just browse for it. | download it and | d find the file | with the br | owse bu | itton. |
|                        |                        |                  |                                     | Downloa                                    | d               |                 |             |         |        |
| Local P                | ath:                   |                  |                                     |  |                 |                 |             | Bro     | wse    |
|                        |                        |                  |                                     |  |                 |                 |             |         |        |
|                        |                        |                  |                                     |  |                 |                 |             |         |        |
|                        |                        |                  |                                     |  |                 |                 |             |         |        |
|                        |                        |                  |                                     |  |                 |                 |             |         |        |
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|                        |                        |                  |                                     |  |                 |                 |             |         |        |
|                        |                        |                  |                                     |  |                 |                 |             |         |        |
|                        |                        |                  |                                     |  |                 |                 |             |         |        |
|                        |                        |                  |                                     |  |                 |                 |             |         |        |
|                        |                        |                  |                                     |  |                 |                 |             |         |        |
|                        |                        |                  |                                     |  |                 |                 |             |         |        |
| By Recast              | Software               |                  |                                     |  |                 |                 | Save        | C       | ose    |

4. Save your changes.

#### Next Up — Task 2: Install Recast Management Server with Recast Proxy

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