Trellix

System Information Reporter (SIR) User Guide 1.0.5

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Contents

Introducing System Information Reporter

System Information Reporter (SIR) integrates with Trellix Agent 5.8.4 or later and is enabled via a policy which can be created in the SIR ePO Extension for use in On-Prem ePolicy Orchestrator (ePO) 5.10 (or later) to provide a flexible, policy-driven method for querying system properties, environment variables, registry key values, and other installed software on your managed nodes.

For example, your managed nodes may have common names or conflicting IP addresses. This complicates the task of managing them from a single server. SIR reports properties from such nodes and allows you to identify and group them based on the query results. SIR is a free Operational Technology Product which can can be used to assist the Administrator by delivering the reports on the following properties:

- Installed software
- Running Processes
- Operating system
- Hardware configuration
- Network configuration
- Security configuration
- Windows Patch level
- File properties search
- Registry detail retrieval
- Identify installed products with vulnerabilities

In addition to supporting regulatory and organisational compliance, this can be very useful to troubleshoot problems and assist in configuring software.

SIR can also set registry keys (including many Trellix protected registry keys) and restore the entire registry. Extreme caution should be used when using this functionality. Setting registry keys incorrectly or restoring a registry to an inappropriate point can make a system unusable. But this can be useful for remotely configuring certain software.

System Information Reporter currently only supports the English language.

System Information Reporter features

- **Centralized management** — Allows you to enforce System Information Reporter policies on managed nodes using ePolicy Orchestrator management software.
- **Query system properties** — Allows you to query the managed nodes to collect:
- System properties such as versions, patches, and hotfixes
- Custom environment variable value
- Registry key values
- **File search support** — Allows you to query the managed nodes to search for files and file details.
- **Registry key modification support** — Allows you to query the managed nodes to create, edit, or delete registry keys.
- **Back up and restore registry keys** — Creates a backup of registry keys before modifying and restores registry backup file using Set Registry policy.

System requirements

System Information Reporter managed nodes prerequisites:

Item	Requirements
Operating Systems	Microsoft Windows 7 SP1 or higher Microsoft Windows Server 2008 R2 or higher
Trellix Agent (TA)	5.8.4
ePolicy Orchestrator (ePO)	Any version higher than 5.10

Software Compatibility

System Information Reporter is compatible with all versions of Trellix endpoint products including all versions of Endpoint Security (ENS) and Trellix Application and Change Control (TACC) subject to the system requirements mentioned above. System Information Reporter cannot be used with ePO SaaS. System Information Reporter requires the installation of the System Information Reporter Extension in On-Prem ePO.

About this guide

This guide provides detailed instructions for installing and managing System Information Reporter using ePolicy Orchestrator software version 5.10.

To use this guide effectively, you must be familiar with ePolicy Orchestrator 5.10. For more information, see ePolicy Orchestrator product documentation.

Target Audience

This guide is intended for ePolicy Orchestrator administrators.

Installing & Uninstalling System Information Reporter

This chapter provides information on:

Installing the System Information Reporter ePO Extension using ePolicy Orchestrator

You can install the System Information Reporter extension on the ePolicy Orchestrator server using the **Configuration** tab. The extension file is in .ZIP format.

Method

1. Create a temporary folder on your local drive.
2. Download the **SIR_ePOExtension.zip** archive and save it to the temporary directory.
3. Log on to the ePolicy Orchestrator server as an administrator.
4. Click **Menu | Extensions | Install Extension**. The Install Extension dialog box appears.
5. Click **Browse** to locate the extension file **SIR_ePOExtension.zip**, then click **OK**. The Install Extension page appears with the extension name and version details.
6. Click **OK**.

For more information, see SIR ePO extension.

System Information Reporter client in Trellix Agent

With the release of SIR 1.0.4, this is now available with Trellix Agent (TA) 5.8.4 and only with Trellix Agent 5.8.4. It is not possible to check in a separate package and install SIR with any other version of TA. SIR is available in all 3 Trellix Agent packages for Windows (Trellix Agent for OT, Trellix Agent for Windows and Trellix Agent with Embedded Credentials) SIR 1.0.4 can be installed using the following methods. All future releases of SIR will be in Trellix Agent and all future releases of Trellix Agent will contain SIR.

Overview

The 3 Trellix Agent packages for use on Windows Operating Systems each contain System Information Reporter. Each can be used to install and uninstall SIR. Trellix Agent for OT will install SIR automatically whereas the other packages need a command line parameter to action the install of SIR. From the SIR perspective, this is the only difference between the packages.

Installing SIR using Trellix Agent for OT by deploying from ePO

1. From ePO, using a Client Task or Product Deployment Task, deploy Trellix Agent for OT to your target Windows Endpoint either as an upgrade of TA or as a fresh install of TA. Please see the TA Product Guide for how to install Trellix Agent.
2. TA will install TA and install SIR. If a previous version of TA is installed, this will be upgraded. If a previous version of SIR is installed, this will be uninstalled and SIR will be installed.

Installing SIR using FramePkg.exe derived from Trellix Agent for OT

1. Generate a FramePkg.exe by using the “Add new systems” functionality in ePO using the branch on which the Trellix Agent for OT has been placed. Please see the TA Product Guide for how to create a FramePkg.exe.
2. Transfer the created FramePkg.exe to the target endpoint. Double click on FramePkg.exe.
3. TA will install TA and install SIR. If a previous version of TA is installed, this will be upgraded. If a previous version of SIR is installed, this will be uninstalled and SIR will be installed.
4. If you wish to use the command line to execute FramePkg.exe to install TA, then please see the TA Product Guide for the relevant command line parameters. SIR will be installed automatically using this method

Installing SIR using FramePkg.exe derived from Trellix Agent for Windows

1. Generate a FramePkg.exe by using the “Add new systems” functionality in ePO using the branch on which the Trellix Agent for OT has been placed. Please see the TA Product Guide for how to create a FramePkg.exe.
2. Transfer the created FramePkg.exe to the target endpoint. It is not possible to install SIR by double clicking on FramePkg.exe. Command line parameters must be used.
3. The command line parameters will need to include /installsir alongside the other parameters, which must include /install=agent.
4. TA will install TA and install SIR. If a previous version of TA is installed, this will be upgraded. If a previous version of SIR is installed, this will be uninstalled and SIR will be installed. If the same version of TA is already installed, then the parameter /forceinstall must be supplied and then TA will be reinstalled and SIR will be installed.

Installing SIR using Smart Installer derived from Trellix Agent for OT

1. Generate a Smart Installer URL by using the “Add new systems” functionality in ePO using the branch on which the Trellix Agent for OT has been placed. Please see the TA Product Guide for how to create a Smart Installer URL.
2. Copy the generated URL into the address bar in a browser on the target endpoint and hit **Enter**
3. When the Smart Installer has been downloaded, click **Install** in the dialog box.

For more information, see Deploy Trellix Agent for OT.

Uninstalling System Information Reporter on the endpoint

Method

1. Open an Administrator Command Prompt and navigate to: C:\Program Files\McAfee\Agent\x86
2. Execute the following command: **FrmInst.exe /uninstallsir**
3. SIR will be uninstalled.

Note: SIR is present in the **Windows | Settings | Installed Apps**, but using Uninstall will not permanently uninstall SIR. If this method is used, TA will reinstall SIR after a short time.

Removing the System Information Reporter ePO Extension

Use this task to remove the product extension from the ePolicy Orchestrator server.

Method

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Configuration | Extensions**.
3. Select the System Information Reporter extension file, then click **Remove**.
4. Select **Force removal, bypassing any checks or errors**, then click **OK**.

For more information, see Uninstall SIR.

Logs for SIR client

SIR will create, install and uninstall logs in %SYSTEMROOT%\Temp\McAfeeLogs.

Execution logs are stored in %PROGRAMDATA%\McAfee\System Information Reporter\logs

Configuring System Information Reporter

Setting policies using ePolicy Orchestrator

A policy is a collection of settings that you create, configure, then enforce. Policies ensure that the managed security software products are configured and perform accordingly. Once SIR has been installed on an endpoint and the SIR ePO Extension is installed, SIR clients will always send at least a minimum set of properties at each ASCI.

The ePolicy Orchestrator allows you to configure System Information Reporter policies from a central location.

System Information Repeater supports two types of policies:

Collect Data | General

- Collect Data - This policy can be configured to:
- Collect system properties such as versions, patches, and hotfixes of the software installed
- Collect custom environment variable and registry key values
- Search for files on managed nodes

Care must be exercised when deciding to use SIR. Unless intermittent Property Collection has been configured, SIR sends properties at each ASCI. If the number of properties is large and/or the number of machines is large, this can cause significant load on the ePO Database. Intermittent Property Collection should be configured, so that an organisation-wide Agent Wakeup Call, which triggers a property collection from all affected machines, will not overwhelm the ePO Database.

Set Registry | Registry General

- Set Registry - This policy can be configured to:
- Create, modify, or delete registry keys
- Create backup of registry keys before modifying or deleting
- Restoring registry keys

Extreme caution should be exercised when setting a registry value or using Registry Restore. Incorrect use of this feature may have severe consequences for the endpoint or its software.

Creating a Collect Data | General policy

You can create, edit, delete or assign a policy to a specific system(s) or group in the system tree.

Method

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Menu** | **Policy Catalog**. The Policy Catalog page appears.
3. Select **Product** as **System Information Reporter** | **General**.
4. Click **New Policy**. The Create a new policy dialog box appears.
5. Select the policy you want to duplicate from the **Create a policy based on this existing policy** drop-down list, **type a name** then click **OK**. The new policy wizard for System Information Reporter appears.
6. Edit the policy settings on each tab as required and click **Save**.

For information on configuring the policy pages, see *Configuring Collect Data | General policy*.

Configuring Collect Data | General policy

Use these tasks to configure Collect Data policy.

Configuring General tab (Collect Data | General policy)

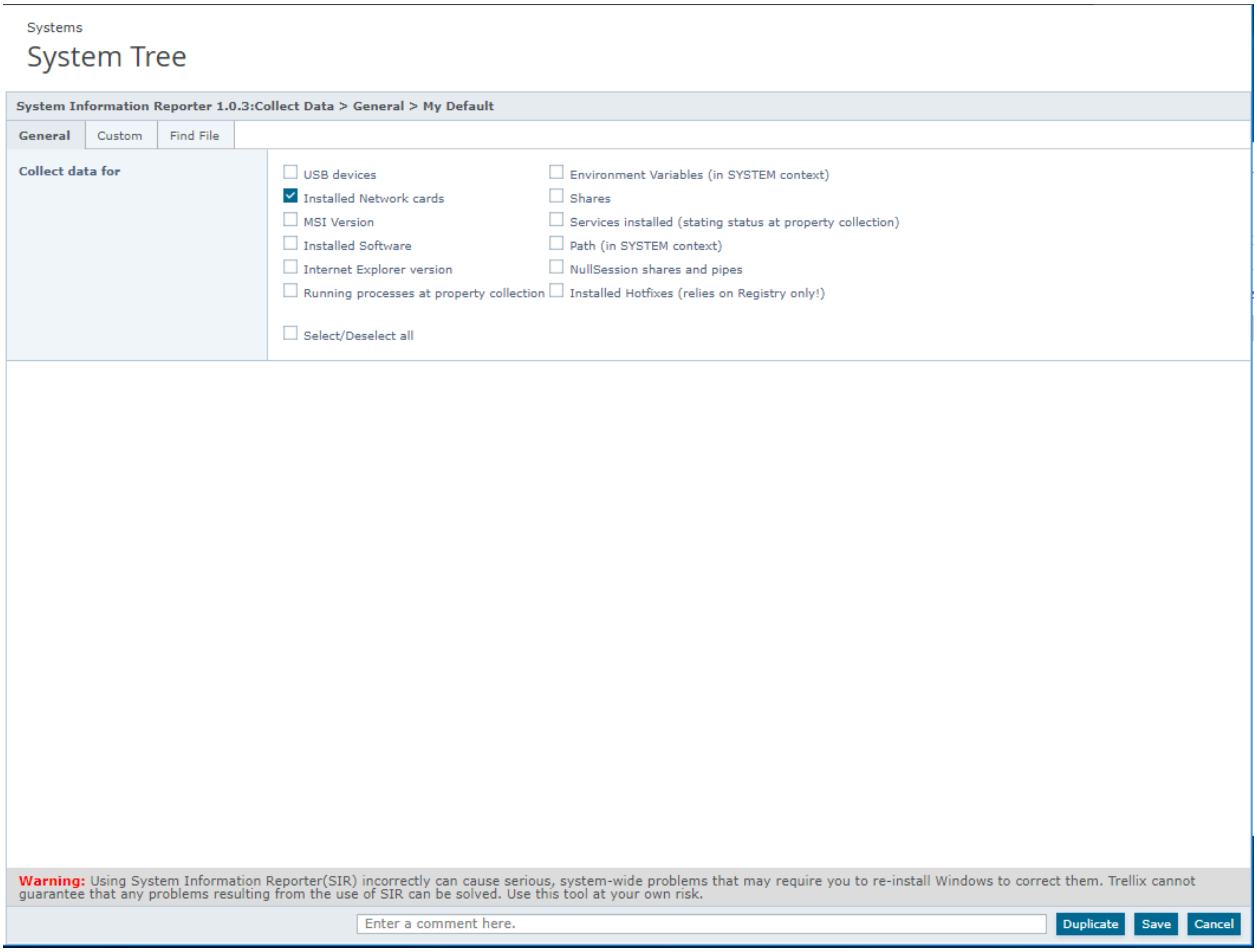
Use this task to configure the General tab on the Collect Data policy wizard.

Method

1. On the General tab,

   a. Select the system properties you want to collect from the managed nodes.

   b. Select **Select/Deselect all** to select or deselect all the system properties in the list.



System Information Reporter 1.0.3:Collect Data > General > My Default

Collect data for

☐ USB devices
☑ Installed Network cards
☐ MSI Version
☐ Installed Software
☐ Internet Explorer version
☐ Running processes at property collection
☐ Environment Variables (in SYSTEM context)
☐ Shares
☐ Services installed (stating status at property collection)
☐ Path (in SYSTEM context)
☐ NullSession shares and pipes
☐ Installed Hotfixes (relies on Registry only!)

☐ Select/Deselect all

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2. Click **Save**.

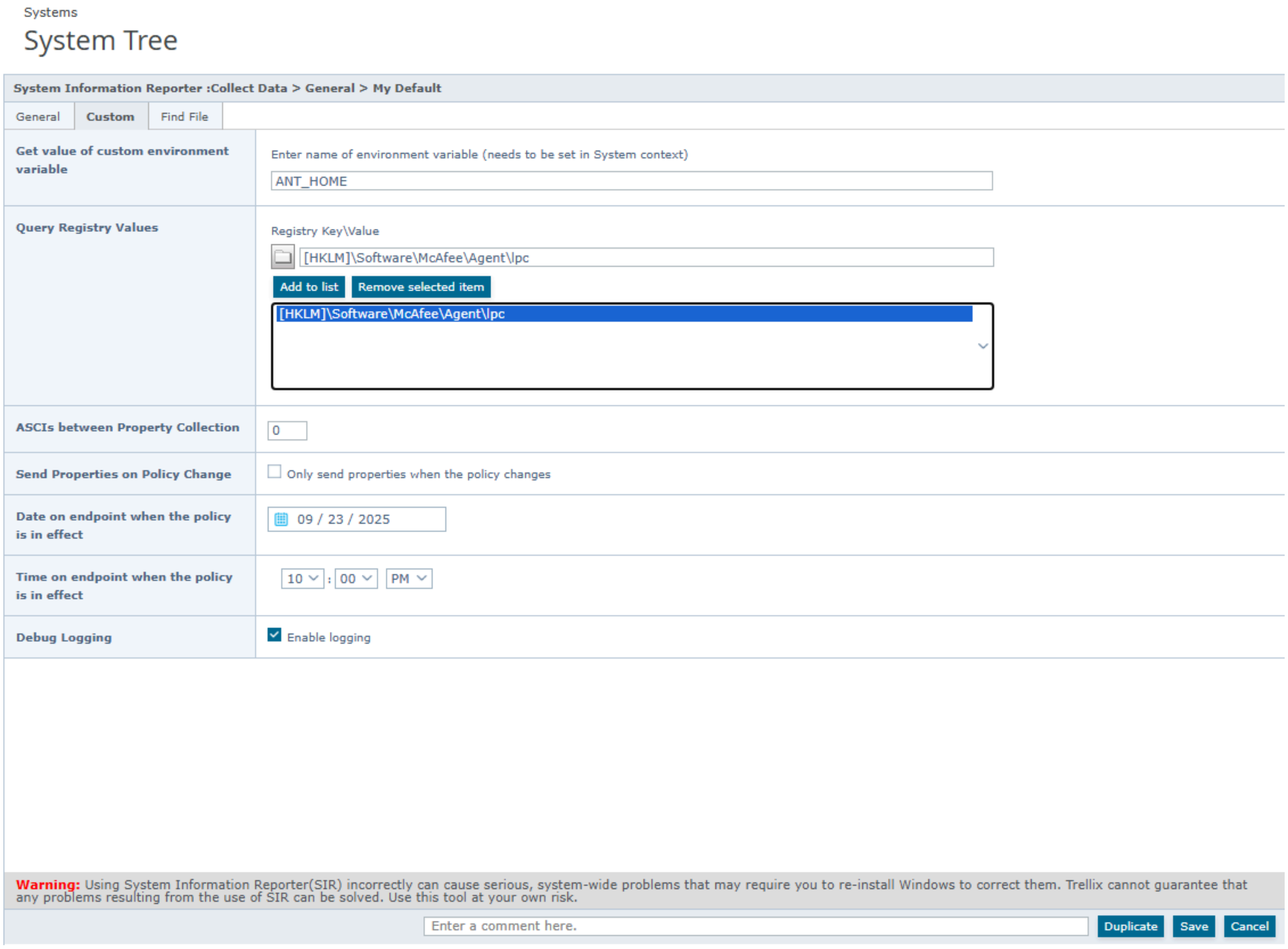
Configuring Custom tab (Collect Data | General policy)

Use this task to configure the Custom tab on the Collect Data | General policy wizard.

Method

1. On the Custom tab,

   a. Type the custom environment variable or the registry key for which you want to collect value.



Systems

System Tree

System Information Reporter :Collect Data > General > My Default

Get value of custom environment variable	Enter name of environment variable (needs to be set in System context) ANT_HOME
Query Registry Values	Registry Key\Value [HKLM]\Software\McAfee\Agent\lpc Add to list Remove selected item [HKLM]\Software\McAfee\Agent\lpc
ASCIs between Property Collection	0
Send Properties on Policy Change	□ Only send properties when the policy changes
Date on endpoint when the policy is in effect	09 / 23 / 2025
Time on endpoint when the policy is in effect	10 : 00 PM
Debug Logging	☑ Enable logging

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   b. To enable intermittent Property Collection set the “ASCIs between Property Collection” to a desired frequency. If the value 10 is used, then SIR will send updated properties from the endpoint every 10 ASCIs, after the 10th ASCI. This feature also respects the other “timing” options and will send when the other criteria are met.

   c. To enable a single Property Collection, check the “Send Properties only on Policy Change” and save the policy. The “Save” button is always enabled and any “Save”, of an otherwise unchanged policy, will be deemed a policy change for this functionality. This feature also respects the other “timing” options and will send when the other criteria are met.

   d. To enable the property collection policy at some point in the future, set the Date Time options for a time (calculated on the endpoint) at which this is convenient. This setting enables the policy at that Date / Time and respects the other timing properties also. Combinations of these timing options give the ePO Administrator much greater control of the SIR Property Collection capabilities in his environment and should contribute to reducing the load on the ePO Database, if infrequent reporting options are chosen.

   e. Select **Enable logging** to create **SIRService.log** file on the nodes on which policy is enforced, in **%PROGRAMDATA%\McAfee\System Information Reporter\logs**.

This log file contains the policy enforcement status and the details of action taken by the policy on the managed nodes. It also contains sensitive registry information, so should only be enabled for troubleshooting.

NOTE: When the **SIRService.log** file size exceeds 5 MB, it is backed up in the **SIRService_1.log** file. The current policy enforcement status and the details of action taken by the policy are logged in **SIRService.log**. The same process is repeated for subsequent logging.

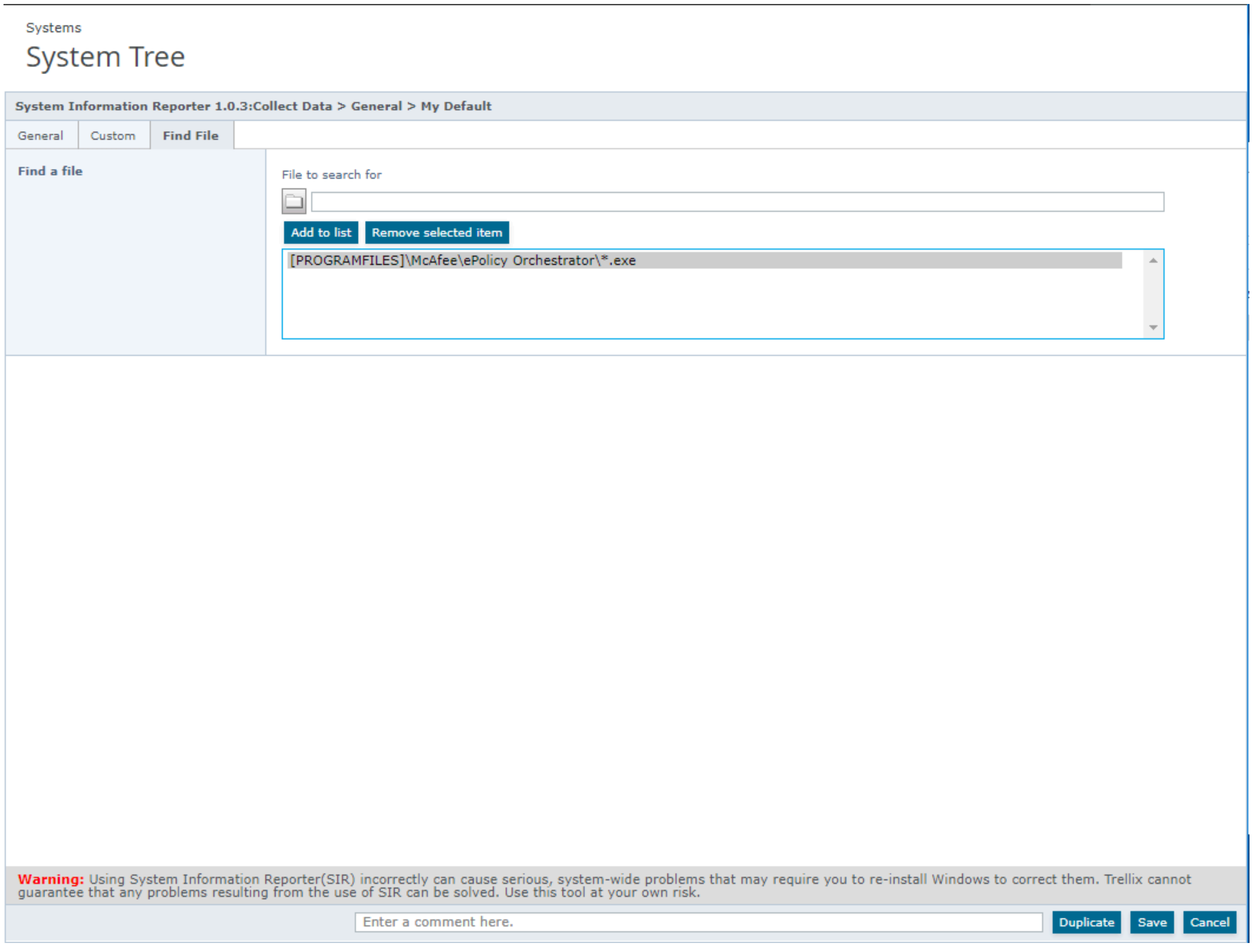
2. Click **Save**.

Configuring Find File tab (Collect Data | General policy)

Use this task to configure the Find File tab on the Collect Data policy wizard.

Method

1. On the Find File tab, select the folder from the drop-down list and type the name of the file you want to search for on the managed nodes. See the example below.



Systems

System Tree

System Information Reporter 1.0.3:Collect Data > General > My Default

[PROGRAMFILES]\McAfee\ePolicy Orchestrator*.exe

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NOTE: Use wildcard characters for searching files with common names or extensions.

For example, [PROGRAMFILES]\McAfee\ePolicy Orchestrator*.exe This search results in a list of all **.exe** files in the ePolicy Orchestrator directory. In addition to finding a file this function will determine the version (if available) and SHA-256 hash of the file. This file hashing operation is conducted at each ASCI, so if the number or size of files is large, this may cause a performance degradation at that moment.

2. Click **Save**.

Creating Set Registry | Registry General policy

Use this task to create a Set Registry policy.

Method

1 Log on to the ePolicy Orchestrator server as an administrator.

2 Click **Systems** | **Policy Catalog**. The Policy Catalog page appears.

3 Select **Product** as **System Information Reporter:** and **Registry General**.

4 Click **New Policy**. The Create a new policy dialog box appears.

5 Select the policy you want to duplicate from the **Create a policy based on this existing policy** drop-down list, **type a name** then click **OK**.

6 Edit the policy settings on each tab as required and click **Save**. For information on configuring the policy pages, see *Configuring Set Registry policy*.

Configuring Set Registry | Registry General policy

Use these tasks to configure Set Registry policy.

Configuring Set Registry tab (Set Registry | Registry General policy)

Use this task to configure Set Registry tab on Set Registry policy wizard.

System Information Reporter creates a back up of registry keys at **%PROGRAMDATA%\McAfee\System Information Reporter\RegistryBackup\** before enforcing the policy. You can recover the damage caused due to modification of the registry keys by restoring the registry backup file using Set Registry policy. Access to the path requires folder ownership, which must be set via the Security Tab in Windows Explorer.

System Information Reporter supports 20 backups. After 20 back ups the oldest back up is purged.

Method

1. On the Set Registry tab, type a name for the registry backup.

   NOTE: You cannot modify, delete, or create registry keys without specifying registry backup name.

2. Type a meaningful name for the policy, so that you can easily identify what it does.

   For example, to create a policy that deletes the agent pipe key, type the name as **Delete agent pipe key**.

   NOTE: This field name is optional.

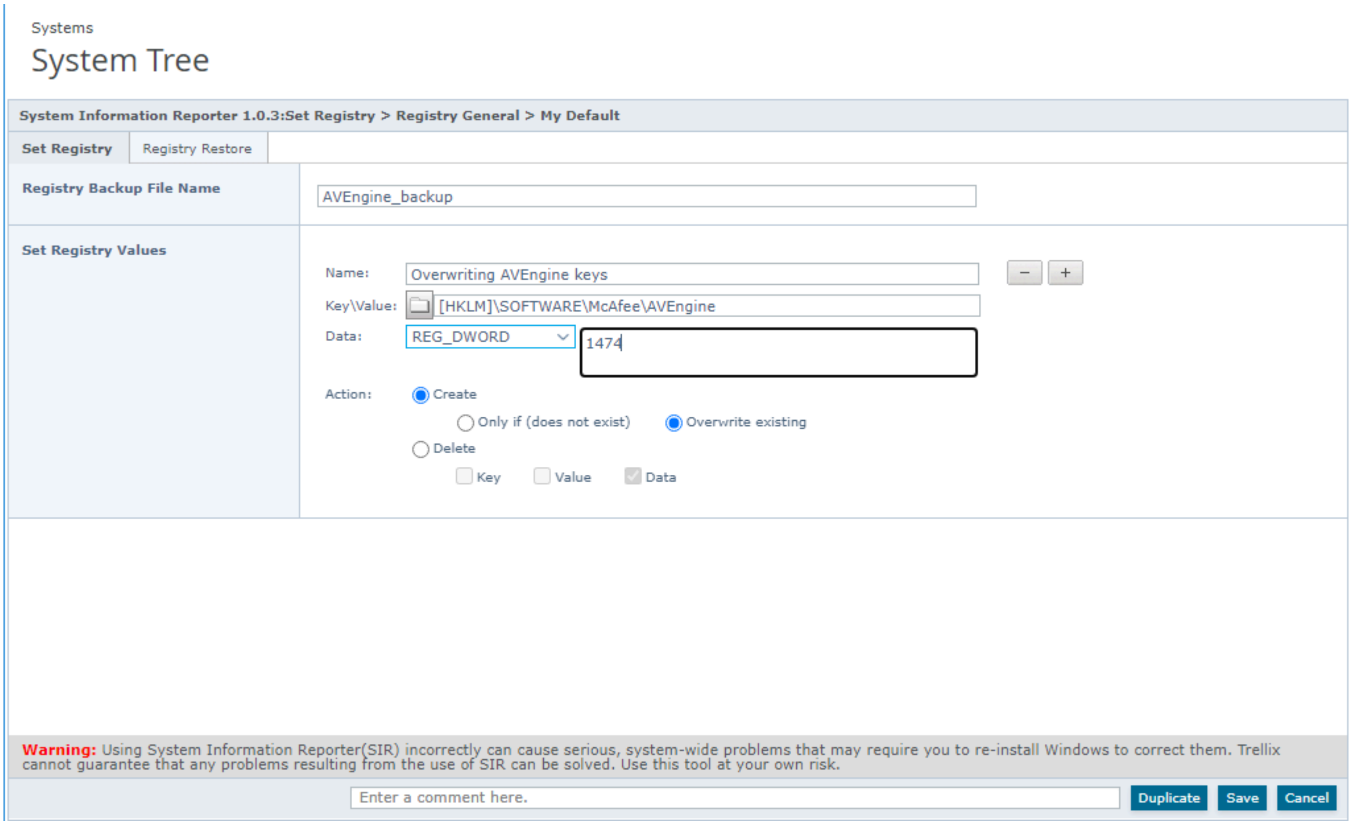
3. Select a registry key and type the value.

4. Select a registry value type from the drop-down list and type its data. For example, HKEY_LOCAL_MACHINE\SOFTWARE\McAfee\Agent\lpc

   NOTE: The data type is mandatory but the data value is optional and must not be preceded by a backslash (\).

5. Set the required action.

Extreme caution should be exercised when setting a registry value. Incorrect use of this feature may have severe consequences for the endpoint or its software.



Systems

System Tree

System Information Reporter 1.0.3:Set Registry > Registry General > My Default

Registry Backup File Name: AVEngine_backup

Set Registry Values

Name: Overwriting AVEngine keys

Key\Value: [HKLM]\SOFTWARE\McAfee\AVEngine

Data: REG_DWORD 1474

Action: ● Create

○ Only if (does not exist) ● Overwrite existing

○ Delete

□ Key □ Value ☑ Data

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6. Click **Save**.

Configuring Registry Restore tab (Set Registry | Registry General policy)

Use this task to configure the Registry Restore tab on the Set Registry policy wizard.

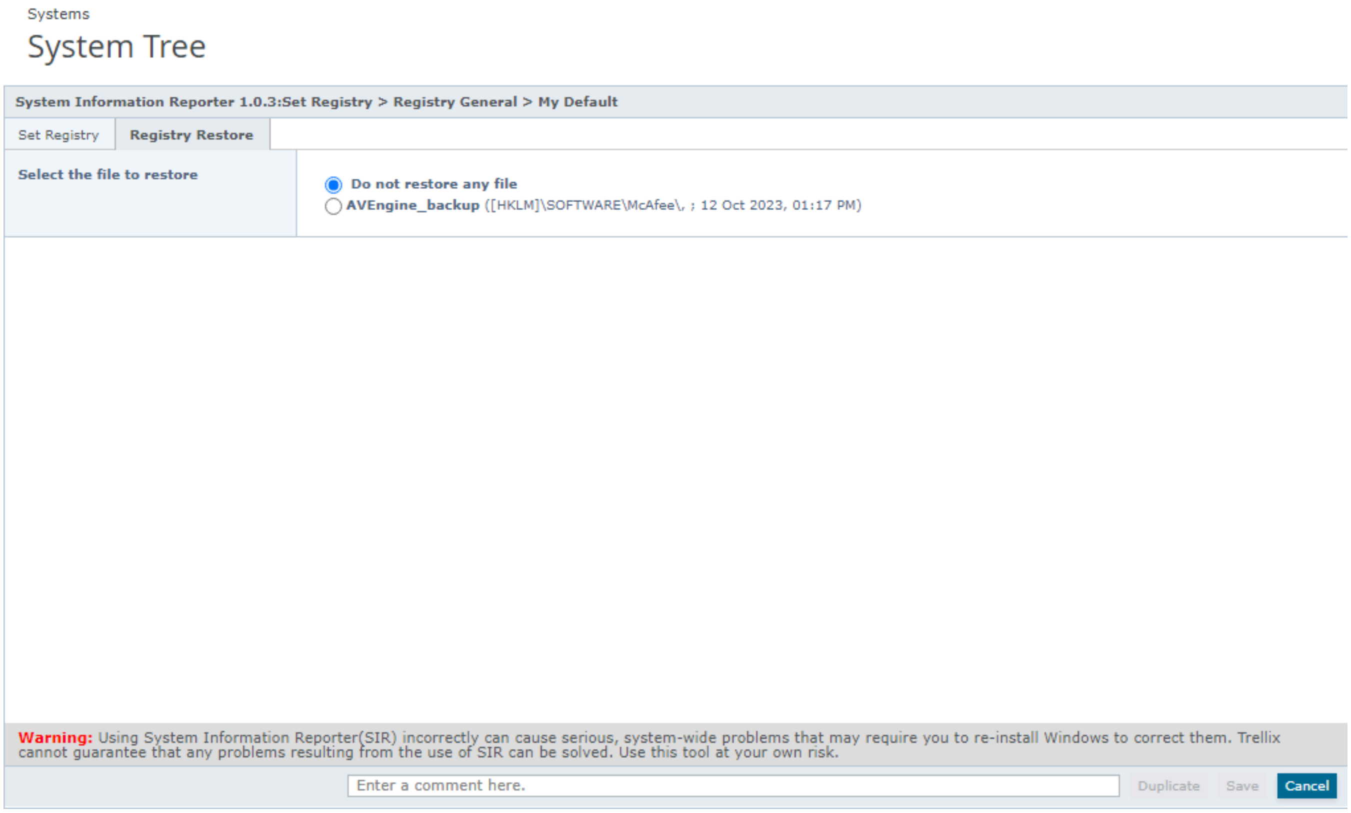
Before you begin

Create and configure a Set Registry policy, then enforce it on required managed node(s).

Method

For option definitions, click **?** in the interface.

1. Locate the required Set Registry policy on the Policy Catalog page, then click **Edit** next to it.
2. On the Registry Restore tab, select the name of the backup file you created in the Set Registry policy.



Systems

System Tree

System Information Reporter 1.0.3:Set Registry > Registry General > My Default

Select the file to restore

● Do not restore any file
○ AVEngine_backup ([HKLM]\SOFTWARE\McAfee\, ; 12 Oct 2023, 01:17 PM)

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3. Click **Save**.

Extreme caution should be exercised when using Registry Restore. Incorrect use of this feature may have severe consequences for the endpoint or its software.

Assigning a policy to managed nodes

Use this method to assign a policy to managed nodes within a group. You can assign policies before or after a product is deployed.

Method

1. Click **Menu | System Tree** | then select the desired systems within a group.
2. Click **Actions | Agent | Set Policy & Inheritance**. The Assign Policy for <n> system(s) page appears.
3. Select the **Product** as **System Information Reporter, Category** as **Registry General**, and the desired **Policy** from the drop-down list, then click **Save**.

Enforcing policies

Use this task to enable or disable policy enforcement on a system tree group. Policy enforcement is enabled by default, and is inherited in the system tree. Disabling policy enforcement does not prevent **Property Collection**. Care should be taken to ensure that unnecessary properties are not collected and consideration should be given to increasing the time interval between ACSIs.

Method

1. Click **Menu** | **System Tree** | Assigned **Policies**, then select the required group in the System Tree Reporting.
2. Select the **Product** as **System Information Reporter 1.0**, then click **Enforcing** next to **Enforcement Status**. The Enforcement page appears.
3. To change the enforcement status, select **Break inheritance and assign the policy and settings below**.
4. Select **Enforcing** or **Not enforcing** as required.

   NOTE: The default **Enforcement Status** is **Enforcing** . Select **Not enforcing** to disable the policy updates at agent-server communication. Contrary to what might be expected, the policy that is present on the client will send properties at each ASCI and an empty policy should be chosen, if new properties are not to be sent. An empty policy will delete the properties reported in ePO.

5. Select to lock or unlock the policy inheritance. Locking policy inheritance prevents any nodes that inherit this policy from having another one assigned in its place.
6. Click **Save**.

Securing registry keys

Registry keys must be modified correctly to prevent any damage to managed nodes. You might have to reinstall the associated software, if you damage the registry key.

System Information Reporter creates a back up of registry entries before modifying. You can recover the damage caused by modification of the registry keys by restoring the registry backup file using Set Registry policy.

ePolicy Orchestrator allows you to secure the managed nodes by restricting permission to unauthorized users.

NOTE: Only the ePolicy Orchestrator administrator with appropriate permission sets can use System Information Reporter. Trellix will not address any issues that arise from the misuse of System Information Reporter.

Permission Sets in ePolicy Orchestrator

A permission set is a group of permissions that can be granted to users or Active Directory (AD) groups by assigning it to those users' accounts. One or more permission sets can be assigned to users who are not global administrators (global administrators have all permissions to all products and features).

User accounts and their associated permission sets in ePolicy Orchestrator define the tasks that the users can perform. This allows you to restrict specific users or groups from misusing the System Information Reporter features.

Creating permission sets for user accounts

Use this task to create a permission set. Only global administrators can create permission sets.

Method

1. Click **Menu | User Management | Permission Sets | New Permission Set**. The **New Permission Set** page appears.
2. Type a name for the permission set and select the users to which the set is assigned.
3. Click **Save**.
4. Select the new permission set from the **Permission Sets** list on the left pane. Its details appear to the right pane

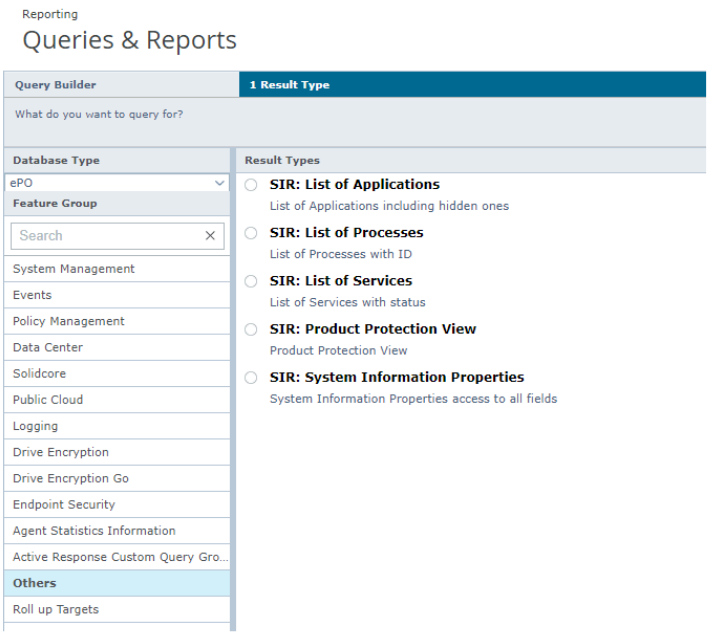
5. Scroll down on the right pane and click **Edit** next to **System Information Reporter**. The Edit Permission Set page appears

6. Select the appropriate permission, then click **Save**.

Reporting

ePolicy Orchestrator 5.10 ships with its own querying and reporting capabilities. These are highly customizable, flexible and easy to use. Included is the Query Builder wizard, which creates and runs queries that result in user-configured data in user-configured charts and tables.

Reports are pre-defined queries which query the ePolicy Orchestrator database and generate a graphical output. An ePO Admin can create, edit and manage queries through ePolicy Orchestrator. SIR queries can be found in **Menu| Queries & Reports| New Query| Others** from the Feature Group and scroll down until he sees the SIR options. From there, he can customise the query and generate reports.



Reporting

Queries & Reports

Query Builder | 1 Result Type

What do you want to query for?

Database Type

ePO

Feature Group

Search

- System Management
- Events
- Policy Management
- Data Center
- Solidcore
- Public Cloud
- Logging
- Drive Encryption
- Drive Encryption Go
- Endpoint Security
- Agent Statistics Information
- Active Response Custom Query Gro...
- **Others**
- Roll up Targets

Result Types

○ **SIR: List of Applications**
List of Applications including hidden ones

○ **SIR: List of Processes**
List of Processes with ID

○ **SIR: List of Services**
List of Services with status

○ **SIR: Product Protection View**
Product Protection View

○ **SIR: System Information Properties**
System Information Properties access to all fields

System Information Reporter supports the following reports:

- **List of Applications** — Report contains a list of applications installed on managed nodes, including hidden applications.
- **List of Processes** — Report contains a list of processes running on managed nodes with their IDs.
- **List of Services** — Report contains a list of services on managed nodes along with their status.
- **Product Protection View** — Report contains the properties of managed products such as, patches, and hotfixes installed on the managed nodes.
- **System Information Properties** — Report contains system properties such as USB devices, network cards, internet explorer version, and other software installed on the managed nodes.

NOTE: For instructions on creating, editing or deleting queries, see ePolicy Orchestrator 5.10 Product guide.

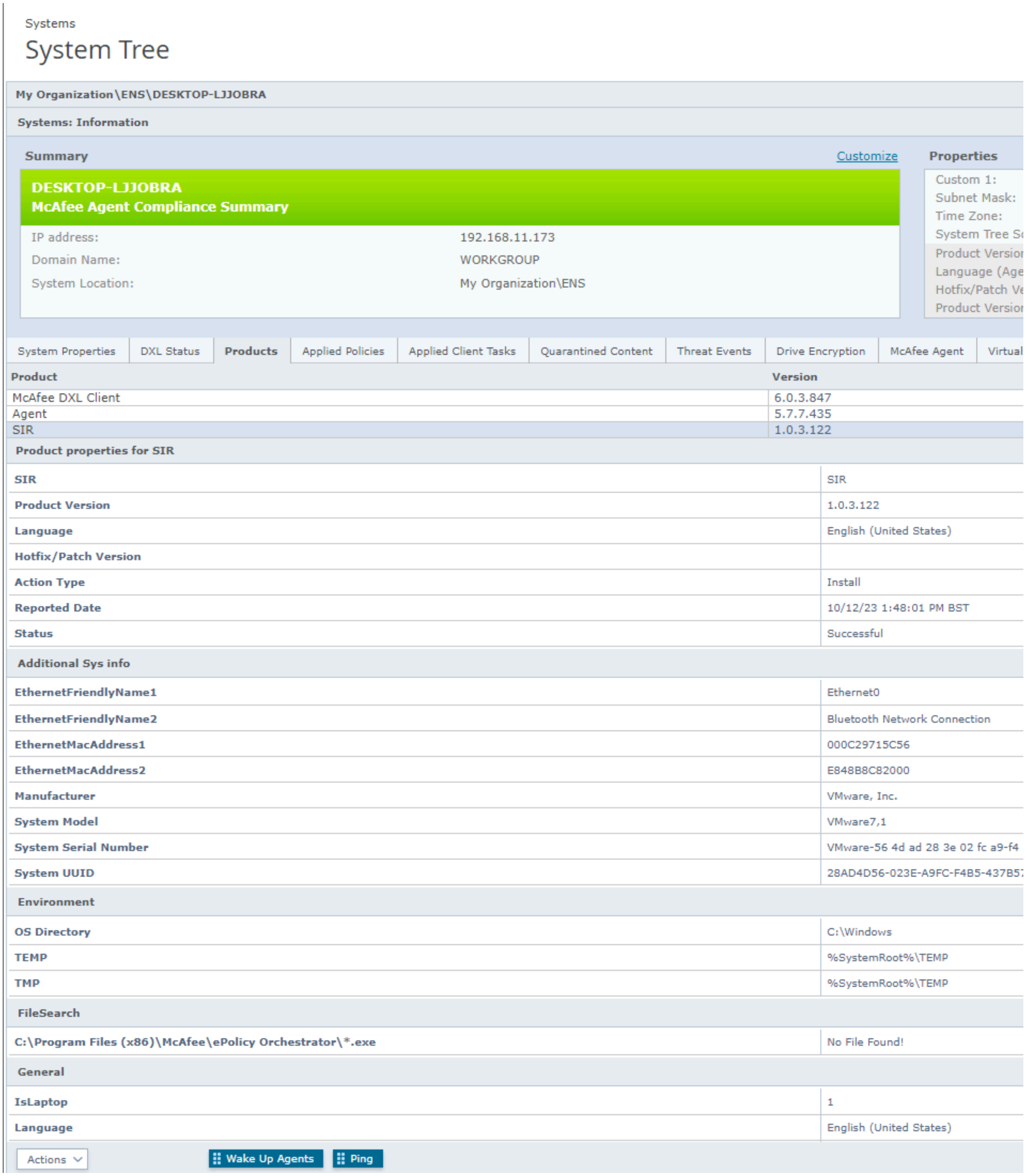
Data Collection Timing

Once an SIR policy is saved, that policy will be pushed to the endpoint at the next Agent Communication. Data will not be retrieved until the next Send Properties Event and Set Registry changes will not be made until the next policy enforcement. So after changing a policy 2 ASCIs are required before the data appears in the System Properties..

With the release of SIR 1.0.5, the ePO Administrator has additional options to configure the timing of Data Collection. **Consideration should be given to deciding how frequently systems should report their properties as each Property Collection introduces load on ePO and if the organisation is large, this might be an unnecessary burden on the system.**

SIR Properties

SIR Properties for a single endpoint can be viewed in ePO by selecting the system in the System Tree, clicking on the Products Tab, clicking on SIR Product. At this point, the Product Properties for SIR are displayed and the ePO Admin can scroll through these to view them.



My Organization\ENS\DESKTOP-LJJOBRA

Systems: Information

Summary

DESKTOP-LJJOBRA
McAfee Agent Compliance Summary

IP address:	192.168.11.173
Domain Name:	WORKGROUP
System Location:	My Organization\ENS

Properties

Custom 1:
Subnet Mask:
Time Zone:
System Tree S
Product Versio
Language (Age
Hotfix/Patch Ve
Product Versio

Product	Version
McAfee DXL Client	6.0.3.847
Agent	5.7.7.435
SIR	1.0.3.122

Product properties for SIR

SIR	SIR
Product Version	1.0.3.122
Language	English (United States)
Hotfix/Patch Version	
Action Type	Install
Reported Date	10/12/23 1:48:01 PM BST
Status	Successful
Additional Sys info	
EthernetFriendlyName1	Ethernet0
EthernetFriendlyName2	Bluetooth Network Connection
EthernetMacAddress1	000C29715C56
EthernetMacAddress2	E848B8C82000
Manufacturer	VMware, Inc.
System Model	VMware7,1
System Serial Number	VMware-56 4d ad 28 3e 02 fc a9-f4
System UUID	28AD4D56-023E-A9FC-F4B5-437B5
Environment	
OS Directory	C:\Windows
TEMP	%SystemRoot%\TEMP
TMP	%SystemRoot%\TEMP
FileSearch	
C:\Program Files (x86)\McAfee\ePolicy Orchestrator*.exe	No File Found!
General	
IsLaptop	1
Language	English (United States)

Overview of SIR Extension

General tab (SIR policy pages)

Use this page to collect system information from managed nodes.

Option definitions

Option	Definition
Collect data for	• **USB devices** — Collects the USB device driver details installed on the managed node. • **Installed Network cards** — Collects the Network Interface Card details from the managed node. • **MSI Version** — Collects the version of the Microsoft Windows installer installed on the managed node. • **Installed Software** — Collects the list of all software including hidden software installed on the managed node. (Registry Query of HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall) • **Internet Explorer version** — Collects the Internet Explorer version and patch installed on the managed node. • **Running processes at property collection** — Collects the list processes running on the managed node. • **Environmental Variables (in SYSTEM context)** — Collects the following **System** environmental variables and their values from the managed node • TEMP • TMP • SystemRoot • **Shares** — Collects the shared data on the managed node. • **Services installed (stating status at property collection)** — Collects the list of all services on the managed node. • **Path (in SYSTEM context)** — Collects the value of the System variable **Path** from the managed node • **NullSession shares and pipes** — Collects the list of NullSession Pipes and NullSession Shares defined in the managed node. • **Installed Hotfixes (relies on Registry only)** — Collects all Microsoft updates installed on the managed node.
Select/Deselect All	Selects or deselects all the system information in the list for querying.

Custom Tab (SIR policy pages)

Use this page to query the custom environment variables and registry keys.

Option definitions

Option	Definition
Get value of custom environment variable	Collects the specified custom environment variable value. *NOTE:* You can query one environment variable in a policy.
Query Registry Values	Collects the specified registry key(s) value and data.
Add to list	Adds the specified registry key(s) to the list.
Remove selected item	Removes the selected registry key(s) from the list.
ASCIs between Property Collection	Reduce the frequency of Property Collection, to lower the number of DB updates required. Setting this value to: 10, will report properties every 10th ASCI, after the 10th ASCI.
Send Properties on Policy Change	This will only send properties once, after a policy is saved, subject to other timing considerations in the policy
Date on endpoint when the policy is in effect	Start date for enabling the Property Collection policy. To used in conjunction with "Time On endpoint when the policy is in effect"
Time on endpoint when the policy is in effect	Start time for enabling the Property Collection policy. To used in conjunction with "Date On endpoint when the policy is in effect"
Enable logging	Creates SIRService.log file on the nodes on which the policy is enforced. This log file is created in %PROGRAMDATA%\McAfee\System Information Reporter\SIRService.log and contains action details specified in the policy.

Find File tab (SIR policy pages)

Use this page to search files on managed nodes.

Option definitions

Option	Definition
Find a file	Searches for files on managed nodes. For folder names and location, see the Folder name definitions table. *NOTE:* Use wildcard characters for searching files with common names or file extensions. For example, [Program Files Directory]\McAfee\ePolicy Orchestrator*.exe This search results in a list of all .exe files in the Program Files directory.
Add to list	Adds the specified file(s) to the search list.
Remove selected item	Removes the selected file(s) from the search list. Use Ctrl key to select more than one file in the list

Folder name definitions

Folder Name	Definition
System Drive	Specifies the **C:\** drive. [SYSTEMDRIVE]
System Root	Specifies the **C:\Windows** directory. [SYSTEMROOT]
Program Files Directory	Specifies the 32 bit **C:\Program Files** directory. [PROGRAMFILES]
Program Files Common Directory	Specifies the 32 bit **C:\Program Files\Common Files** directory. [COMMONPROGRAMFILES]

Set Registry tab (SIR policy pages)

Use this page to create, modify, or delete the registry keys on managed nodes.

Option definitions

Option	Definition
Registry Backup File Name	Specifies a name for the registry backup.
Name	Specifies a meaningful name for the policy. For example, to create a policy that deletes the Trellix Agent Ipc pipe key, type the name as **Delete Trellix Agent Ipc pipe key**. *NOTE:* This field is optional.
Key/Value	Specifies the registry key and its value to be created or deleted.

	NOTE: The registry value is optional and must not be preceded by a backslash (\).
Data	Specifies the type of the registry value and its data. For more information on registry value types, see *Registry value type definitions* table.
Action	Specifies the actions you can perform on the registry keys: • **Create** — Allows you to create a registry key, value, or data on managed nodes. • **Only if (does not exist)** — Creates the specified registry key, value, or data if it does not exist on managed nodes. • **Overwrite existing** — Overwrites the existing registry key , value, or data with the specified key, value, or data on managed nodes. • **Delete** — Allows you to delete registry key, value, or data from managed nodes. • **Key** — Deletes the specified registry key from managed nodes. *NOTE:* You cannot delete a registry key which has a subkey. • **Value** — Deletes the specified registry value from managed nodes. • **Data** — Deletes the data of the specified registry key from managed nodes.

Registry value type definitions

Registry Value Type	Definition
REG_DWORD	A four bytes long decimal data. For example, 1234
REG_SZ	A fixed-length string. For example, \\.\pipe\ma_named_pipe901122864
REG_MULTI_SZ	A multiple string. This value contains multiple lines. For example: AVEngine C:\Program Files\Common Files\McAfee\Engine\
REG_BINARY	A variable length binary data represented in hexadecimal format. For example, 29b5ce01 *NOTE:* Hexadecimal numbers are not case-sensitive.
REG_EXPAND_SZ	A variable length data string. This data type includes variables that are resolved when a program or service uses the data. For example, System Information Reporter

Registry Restore tab (SIR policy pages)

Use this page to restore registry back up.

Option definitions

Folder Name	Definition
Select the file to restore	• **Do not restore any file** — Does not restore any registry back up file created on managed nodes using *Set Registry policy*. • Lists the registry back up files created on managed nodes using *Set Registry policy*.

Enable/Disable Debug Logging

If this policy is enabled, then SIR creates SIRService.log file on the nodes on which the policy is enforced. This log file is created in %ProgramData%\McAfee\System Information Reporter\SIRService.log and contains action details specified in the policy.

Important Considerations

Setting registry keys and registry values incorrectly can cause severe problems for an endpoint. In extreme cases certain registry changes can make a machine unable to boot and "Restore" functionality could have a similar effect, if the Registry is updated between taking the backup and the restore operation. This feature should be used with extreme caution.

Properties are sent at every ASCI, which results in a Database update for each endpoint at each ASCI. If an Administrator does not want the Database to be updated with SIR data at each ASCI, he should use the options for modifying the frequency and timing of property collection.

SIR properties may seem duplicated if the correct details are not selected when choosing Selected Columns in the System Tree or in Reports & Queries. For instance Software Version alone will seem as if many entries are duplicated. Such a selection should be accompanied by the Software Name, to make sense of the selection.