



TippingPoint

Security Management System Release Notes

Version 4.3.0 Patch 1

Release date: December 2015

This document contains release-specific information for the HP TippingPoint Security Management System (SMS). The release notes describe new features and changes included in this release. This document is intended for system administrators, technicians, and maintenance personnel responsible for installing, configuring, and maintaining HP TippingPoint SMS appliances and associated devices.

To ensure that you have the latest version of the Release Notes and other product documentation, download these documents from the Threat Management Center (TMC) at <https://tmc.tippingpoint.com>, or contact your HP TippingPoint representative.

This document contains the following important information:

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Installation

Note: Before you apply this patch, break SMS HA and then apply the patch to both systems. Once the patch is installed on both systems, re-establish HA. For more information on HA, see the *HP TippingPoint Security Management System User Interface Guide*.

This patch can be deployed on any system running SMS v4.3.0. For installation instructions, refer to the *SMS User Interface Guide* located on the TMC, <https://tmc.tippingpoint.com/TMC/>.

Important installation information

- During the installation, the client will become unresponsive - do not cancel the operation or reboot the SMS.
- After installing this patch, the SMS will restart. The installation and restart should take approximately 15 minutes.

- You will be prompted to update the SMS client after the patch is installed.
- If you uninstall then reinstall this patch, the SMS might not restart correctly. If this automatic restart fails, reboot the SMS.

New and changed in this release

This release includes the following new feature:

Web API: The Virtual Segment Management API enables you to create, update, and delete virtual segments through an HTTP interface instead of the SMS client. In addition, you can retrieve a list of virtual segments for SMS managed devices. For more information, see the *SMS External Interface Guide* located on the TMC, <https://tmc.tippingpoint.com/TMC/>.

Resolved issues

The following items provide clarification or describe issues fixed in this patch.

Admin

| Device | Description | Reference |
|--------|---|-----------|
| SMS | TCP syslog connections did not properly handle connection disruptions. | 101722 |
| SMS | The user could no longer log into the SMS after restoring an SMS backup that was taken while the SMS was in Full-FIPS mode. | 106606 |
| SMS | The SMS sometimes became unresponsive when managing devices with a large number of profiles. | 106625 |

Client

| Device | Description | Reference |
|--------|--|-----------|
| SMS | Users could log in to the SMS from the command line interface (CLI) without Radius authentication. | 107687 |

Devices

| Device | Description | Reference |
|--------|--|-----------|
| SMS | A device would not appear in the Member Summary list if it was not configured with a gateway on its management interface. | 104771 |
| TPS | The device sometimes failed when DV Toolkits that contained invalid characters were fixed. | 106600 |
| SMS | When multiple calls were sent from the SMS to the device at the same time, these calls occasionally failed. | 106855 |

Profiles

| Device | Description | Reference |
|--------|--|-----------|
| SMS | Several improvements to reputation distribution were made. | 105923 |
| NGFW | While trying to manage the device, the import policy failed, and there were no relevant error messages in the system log. | 106595 |
| SMS | During DV and AUX DV activations, some filters on the SMS were not deleted. | 106784 |
| SMS | The SMS became unresponsive when a DV was activated with a large number of filter overrides, which caused an out-of-memory condition. | 106872 |
| SMS | The Qualys CSV import failed because of extra metadata information included in the header. | 106920 |
| SMS | The following error message appeared when trying to distribute a DV Toolkit (DVT) package to multiple devices: <code>com.tpt.server.pub.distribute.DistributionException: Unable to extract DVT Package: null</code> | 107086 |
| SMS | Several error messages appeared on the DV Toolkit Distribution screen, and devices could not be selected to distribute packages. | 107208 |
| SMS | When the Show More option was enabled during the DV Toolkit Package distribution wizard, Device Groups could not be selected or deselected if the group contained a device that was in an invalid state of distribution. | 107418 |

Known issues

This release contains the following known issues.

Admin

| Device | Description | Reference |
|--------|---|-----------|
| SMS | <p>When the SMS is in FIPS Crypto Core mode, if you import an SMS Web Security SSL Certificate and then import a RADIUS certificate without restarting the SMS, the SMS will display a <code>NullPointerException</code> error message.</p> <p>Workaround: After you import an SMS Web Security SSL Certificate, restart the SMS before you import a RADIUS certificate.</p> | 101767 |
| SMS | <p>When the SMS is in FIPS Crypto Core mode, if you import an SMS Web Security SSL Certificate, the following certificate information will not be updated until you restart the SMS:</p> <ul style="list-style-type: none">• Subject DN• Valid After• Expires <p>Workaround: Restart the SMS after you import an SMS Web Security SSL Certificate.</p> | 101302 |
| SMS | <p>After a backup is restored, the status continues to show that the backup is in progress.</p> <p>Workaround: This status can be ignored.</p> | 104680 |

Devices

| Device | Description | Reference |
|-----------|--|-----------|
| SMS, NGFW | <p>When you configure PPP interfaces (PPTP, PPPoE, L2TP), it is not possible to remove the password without removing the user.</p> <p>Workaround: To remove the password, remove the user id.</p> | 104416 |
| SMS, TPS | <p>If you unmanage the device and then edit a user role in the LSM, the role capabilities do not display in the SMS when you remanage the device.</p> | 104684 |

| Device | Description | Reference |
|--------------|--|-----------|
| | Workaround: If you use the LSM to edit a user role that was originally created in the SMS, you must always use the LSM to edit that user role. | |
| SMS | When Enabling and Disabling Network ports on TPS devices, the SMS does not refresh the port list as frequently as it does on IPS devices. TPS devices do not send SNMP traps to the SMS. The SMS periodically polls the TPS device to get the status. There may be a delay (up to one minute) before the SMS displays the TPS device state. | 104911 |
| SMS, NGFW | You can create a device user group with a role of "none." This role has no capabilities. | 105107 |
| SMS, NGFW | Sometimes after you reboot the NGFW appliance, the SMS client may still indicate that the NGFW is rebooting even though the reboot is complete. Workaround: Manually refresh the NGFW appliance by clicking the Refresh button in the SMS client. | 105939 |
| SMS | When you create virtual segments, warning messages display in the Validation Report tab. However, the tab will still display as green even when there are warning messages. Workaround: Before you save a new virtual segment, check the Validation Report tab for warning messages, even if the tab is green. | 108083 |
| SMS | The VLAN ID range on the SMS and on the device LSM are not consistent. Workaround: Do not create a VLAN ID range that starts with 0 or ends with 4095. | 108142 |
| SMS | If you create or update a virtual segment in a device task and one of the devices is unmanaged, then an exception error might occur. Workaround: Do not create or update a virtual segment in a device task when one of the devices is not managed. | 108269 |

DV Toolkit

| Device | Description | Reference |
|--------|--|-----------|
| NGFW | When you distribute a firewall profile to an NGFW appliance, a mismatch warning may display even though the SMS and NGFW appliance have the same DV Toolkit package. | 104445 |

| Device | Description | Reference |
|--------------|--|------------------------------|
| | Workaround: This warning can be safely ignored. | |
| SMS | Depending on the number of DV Toolkit packages on the device, the Device Configuration (Management Information) may not display all of the package names. Workaround: You can see the complete list of DV Toolkit packages for the device on the Device Configuration Summary. | 104856 |
| SMS, NGFW | You may notice a version error and exception when you distribute the same DV Toolkit package to NGFW devices in a cluster. Workaround: Uninstall the DV Toolkit from each NGFW device of the cluster, select the cluster on the Devices screen and click Sync Configuration Now . Then redistribute the DV Toolkit packages back to each NGFW cluster device. | 105136 |
| SMS | When you override DV Toolkit Packages and distribute them to the device, the filter names in the DV Toolkit package on the device are different from the filter names that display on the SMS. For example, if a DV Toolkit package has a filter named <code>C031 Snort Rule</code> , the device displays the filter name as <code>C1000001 Snort Rule</code> . | 105570 |
| SMS | After you import a new DV Toolkit package (with the Activate the imported DV Toolkit package check box selected to overwrite an existing, active filter package), the Device Summary screen does not display the name of the new DV Toolkit package. Workaround: After you distribute the overwritten DV Toolkit package to the device, the Device Summary screen will display the correct name of the package. | 105789 |
| SMS | The DV Toolkit package displays <code>unknown</code> on the DV Toolkit Distribute dialog box when you distribute a different DV Toolkit package to the device. <code>Unknown</code> displays because you do not have access to this package. | 105846 |
| SMS | Sometimes you must uninstall the DV Toolkit package twice for a DV Toolkit package to be uninstalled. Workaround: Uninstall the DV Toolkit package when there is no DV Toolkit distribution in progress. | 105891 |
| SMS | Sometimes if you have several individual DV Toolkit distributions happening to the same device at the same time on the SMS, some DV Toolkit packages may not be distributed to the device. When this happens, the | 106058, 106350, 105492 |

| Device | Description | Reference |
|--------|---|-----------|
| | <p>Distribution Extended status does not list the DV Toolkit package that was not distributed to the device. This situation may also happen if you are uninstalling multiple DV Toolkit packages from the same device.</p> <p>Workaround: Select multiple DV Toolkit packages (instead of individual DV Toolkit packages) and then redistribute the packages to the device.</p> | |
| SMS | <p>When you distribute a DV Toolkit package, the device system log shows a different package ID than is shown in the SMS system log.</p> <p>Workaround: The device system log reflects the merged packet ID. This discrepancy can be ignored because there is no functional impact.</p> | 106097 |
| SMS | <p>When you distribute a DV Toolkit package that has several filter overrides, an <code>isValid: Signature</code> message displays in the device log if there are differences between the profile and DV Toolkit package.</p> <p>Workaround: Uninstall the DV Toolkit package from the device and redistribute the DV Toolkit package to the device. Then redistribute the profile. If you are unable to uninstall the DV Toolkit package from the device, restart the SMS client.</p> | 106236 |

Events

| Device | Description | Reference |
|--------|--|-----------|
| SMS | You cannot save an IPS event query when the firewall profile is included in the query. | 105963 |

Profiles

| Device | Description | Reference |
|--------|--|-----------|
| NGFW | <p>After you import a Reputation profile from an NGFW appliance, the SMS displays an error when you attempt to edit or distribute a Reputation filter. When you perform a filter search, the Reputation filter does not display in the profile filter summary or the profile search results.</p> <p>Workaround: Create a new Reputation profile with reputation entries in the SMS.</p> | 105008 |
| SMS | When you uninstall a Malware Filter Package from devices, the DV Inventory screen incorrectly reports that the uninstall failed on one device. | 105246 |

| Device | Description | Reference |
|--------|---|-----------|
| | Workaround: This display issue can be safely ignored. Logging out and logging back in will show that the package is removed from all devices. | |
| SMS | A refresh issue makes it appear that the Malware Filter Package Update allows more than one Malware Filter Package to be active. Workaround: This display issue can be safely ignored. Logging out and logging back in will show that only one package is active. | 105344 |
| SMS | When you import a profile from a device that has nonstandard service ports, the SMS updates inspection services for each profile and changes the version and modified dates for all the profiles on the SMS. | 105964 |
| SMS | When an Admin user copies a profile using a Save As operation, the Admin user will not have access to the copied profile until a SuperUser gives the Admin user access. Workaround: The SuperUser can give the Admin user access to the copied profile. Alternatively, the Admin user can access the profile by exporting and then importing it. | 106325 |
| SMS | When a profile is imported from a device segment group, sometimes the active profile version does not match what is shown in the Details screen display. Workaround: Log out and log back in to the SMS for the version numbers to display correctly. | 108034 |
| SMS | A foreign key-constraint error sometimes appears in the SMS system log during an AUX DV package activation. Workaround: This error message can be safely ignored. | 108055 |
| SMS | When you use the Overwrite option while you activate a DV Toolkit package, the SMS displays the installed devices of the previously active DV Toolkit instead of the devices for the new DV Toolkit. Workaround: Distribute the current ACTIVE CSW. | 108137 |
| SMS | When you import an existing profile name, it is invalid if it has the same name as another profile but uses a different case. However, a warning conflict does not appear to let you know that the name is invalid before you import the profile. Instead, the following error message appears: The Profile could not be imported. An unexpected error occurred while trying to import the profile. | 108260 |

| Device | Description | Reference |
|--------|---|-----------|
| | Workaround: When you import a profile, rename it if it has the same name as another profile. | |

Reports

| Device | Description | Reference |
|--------|---|-----------|
| SMS | When you generate an executive report, the event query will display an inaccurate query structure. | 103620 |
| SMS | After you create a report schedule you cannot make modifications to the schedule. Workaround: Delete the existing schedule and create a new schedule with modified criteria. | 105349 |
| SMS | When you generate a Specific Country report (Inspection > Security or Inspection > Application), or when you generate an Inspection report (Security or Application) and the report has country criteria, if you click a link in the report, you cannot use the Refresh button on the Events panel until you restart the SMS client. | 106322 |

Web API

The following issues are related to the new feature, Web API, described in the section [New and changed in this release](#) on page 2.

| Device | Description | Reference |
|--------|---|-----------|
| SMS | A user can export and distribute a profile to a device or segment without the proper access to those profiles, devices, or segments. | 108052 |
| SMS | When you run a position update on a virtual segment with a number that exceeds the number of segments on the list, an <code>Unexpected Error Occurred</code> message is returned. | 108182 |
| SMS | When there are duplicate VLAN IDs in an XML file and you use the Web API virtual segment <code>Create</code> command, an unexpected error occurs. Workaround: Do not duplicate VLAN IDs in the XML file when you create virtual segments. | 108184 |

| Device | Description | Reference |
|--------|--|-----------|
| SMS | The profile name does not display in the SMS audit log message when a profile is distributed through web services. | 108197 |
| SMS | When a device is removed from a virtual segment, the SMS response does not include the device name on the device result. | 108265 |
| SMS | An error message is displayed if virtual segments with the same name are sent to a device. | 108267 |
| SMS | <p>The Web API <code>Update Virtual Segment</code> command does not allow you to rename the virtual segment.</p> <p>Workaround: Use the SMS client to rename the virtual segment.</p> | 108270 |

Support information

Contact the HP TippingPoint Technical Assistance Center (TAC) by using any of the following options.

Note: Have the following information about your product available:

- Serial number and/or software version for your product
- System logs or event logs if available for your product

Online support

Go to the HP TippingPoint Threat Management Center (TMC) at:

<https://tmc.tippingpoint.com/TMC/>

Phone support

North America: +1 866 681 8324

International: +1 512 681 8324

For a list of international toll-free contact numbers, go to <https://tmc.tippingpoint.com/TMC/>, click the **Support** tab in the left navigation panel, select the **Support Contacts** option, and then click **View All**.

HP website

For the name of the nearest HP authorized reseller, see the Contact HP Worldwide website:

<http://www8.hp.com/us/en/contact-hp/contact.html>

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