



## Security Management System Release Notes

Version 5.4.1

To ensure that you have the latest versions of product documentation, visit the [Online Help Center](#).

- If you are upgrading from a previous version, refer to the release notes of any interim releases for additional enhancements.
- If your SMS system is operating in High Availability (HA) mode, you must break HA and upgrade each SMS independently before re-establishing your SMS HA cluster.
- SMS v5.4.1 upgrades are only supported from an SMS installed with SMS v5.3.0 or later. Attempts to upgrade to 5.4.1 from an older release will result in an error message.
- The time required to upgrade will vary based on the version from which you are upgrading and the quantity of data to migrate. [Learn more](#).

## Product version compatibility

For TPS and vTPS managed devices, your SMS must have the same or later version of the TOS that the managed device has. For example:

- **Correct:** SMS v5.4.1 managing TPS v5.4.1
- **Incorrect:** SMS v5.3.0 managing TPS v5.4.1

Use SMS v5.0.1 Patch 2 and later for managing IPS devices running TOS v3.9.6 and earlier.

Use SMS v4.4 or later to manage Identity Agent v1.0.0.

**Note:** As a best practice, be sure to update the SMS before upgrading the device TOS.

## Software updates and migration

You cannot upgrade any SMS or vSMS from a version that is no longer supported. [Learn more](#) about which versions are no longer supported.

- Upgrading SMS on Gen6 hardware is not supported in this release. Learn more in [Product Bulletin 1041](#). Gen6 is a hardware platform that shows as system model SMS H1 in the SMS CLI. To determine your system model, run the `get sys.model` command from the SMS CLI:

```
smsdev SMS=> get sys.model
System model (sys.model) = SMS H1
```

Attempting to upgrade to this release on Gen6 hardware will result in an error.

- You must upgrade the SMS to v5.4.1 from SMS v5.3.0 or later. If you are upgrading from a release earlier than v5.3.0, you must first upgrade to SMS v5.3.0, log in to the SMS to activate a Digital Vaccine, and then upgrade to v5.4.1. [Learn more](#).
- If your SMS system is operating in High Availability (HA) mode, you must break HA and upgrade each SMS independently before re-establishing your SMS HA cluster.

The estimated times noted in the following table apply to users upgrading from SMS v5.4.0 and later. You can monitor your upgrade status from the VGA console or virtual console.

Step	Task	Process	Estimated time	SMS status
1	Download upgrade package.	Manual	Varies <sup>1</sup>	Available
2	Install upgrade package.	Manual	10-15 minutes	Unavailable
3	Migrate data.	Automatic	30 to 90 minutes <sup>2</sup>	Unavailable

<sup>1</sup>) Network speed determines the time to download a 750+ GB file.

<sup>2</sup>) Depends on the amount of data to migrate. The SMS automatically reboots after step 2 and is not available for logins until step 3 has completed. **Do not reboot the SMS during this time.**

## Release contents

Description	Reference
IPs that are quarantined more than once are now cleared out after automatic timeout.	TIP-49739
SMS backups to Windows using SCP or SFTP now succeed when you place a colon (:) after the drive letter in the path.	TIP-56663
The <code>net.auto</code> , <code>net.speed</code> and <code>net.duplex</code> CLI command scripts no longer fail, which caused SMS networking to break after a reboot.	TIP-56392
The <i>Advanced Threat API Guide</i> has been updated with commands that have replaced deprecated commands.	TIP-56799
The AuxDV automatic download popup now correctly honors the <b>Don't show this message again</b> setting when it is selected.	TIP-44853
Profiles with an SSL inspection policy no longer fail to distribute to TPS 2200T devices.	TIP-57436
SSL inspection profiles associated with the POP3/IMAP3 protocol no longer fail to send the full certificate chain.	TIP-57165 TIP-57163
Some users noticed that a generated event did not display an associated Action Set Name in the Events panel. This issue has been resolved.	TIP-45348
TPS devices that used a certificate from the default CA package for the inbound SSL proxy would not be able to receive profile distributions. This release relaxes the restriction that required users to remove any previously imported CAs before importing another default package that had overlapping CAs.	TIP-56688 TIP-56761
An issue has been repaired that caused the SMS to display the System Health and Performance graphics with a different power supply status for 440T devices, depending on which TOS the SMS is running. SMS v5.0.1 displays <code>n/a</code> , and SMS v5.1.0 displays <code>50%</code> .	TIP-36468
The SMS now re-enables auto-negotiation of device port capabilities after it has been turned off.	TIP-56607
If you navigated to <b>Admin &gt; General &gt; System Software</b> to upgrade your v5.3.x TOS, no packages would be displayed as available upgrade options. This issue has been repaired.	TIP-58790
The SMS <b>File system: System</b> health statistic no longer swells to maximum capacity.	TIP-59562

## Known issues

Description	Reference
<p>An issue exists that leads to the incomplete evaluation of certain application filters within the 8x00TX platforms. This issue manifests itself when application filters are activated within a policy set, with any flow control action (block, trust, rate limit). When the filter is incorrectly evaluated the defined action is not taken and notifications are not sent. No security filters are affected by this issue. Refer to <a href="#">Product Bulletin #1087</a> for more information, a list of affected filters, and mitigation steps</p>	SEG-102022
<p>Attempts to upgrade from a release earlier than v5.3.0 result in an error message. If the error message is blank, check the SMS system log for the entire error message.</p>	TIP-47930
<p>Performing a backup and restore of the SMS database will not preserve Filter Performance Correlation data.</p>	TIP-42709
<p>After you increase the vSMS disk size, you must turn on and then reboot the vSMS again before the extra disk space is achieved. If you originally deployed the vSMS using TOS v5.2.0 or earlier, the increased disk space cannot be fully achieved.</p>	TIP-54547 TIP-54548
<p>The <b>Edit Bulk</b> action does not remove tag categories from user-provided Reputation entries. To remove tag categories from an entry, go to <b>Profiles &gt; Reputation Database &gt; Search Entries</b>, search for an entry, select entries in the search results, and click <b>Edit</b>.</p> <p>The search results display the first 10,000 entries. If you are modifying more than 10,000 entries, you must repeat this procedure. When searching for URL entries, the search results table will not automatically refresh. Click <b>Search</b> to refresh the table.</p>	TIP-37913
<p>When used in an SSL policy name, some special characters can trigger a condition that causes profile distributions to fail. When naming your SSL policy, use only these characters:</p> <ul style="list-style-type: none"> <li>• Alphanumeric characters: <b>a</b> through <b>z</b>, <b>A</b> through <b>Z</b>, and <b>0</b> through <b>9</b></li> <li>• Special characters: <b>( )</b></li> </ul>	TIP-38808
<p>The SMS web management console shows the incorrect time zone only when set to GMT +/- 00:30 time zones.</p> <p>For the correct time, refer to the SMS Client console.</p>	TIP-33377
<p>The SMS does not activate a Digital Vaccine package when it contains a significant number of malware tags for a filter.</p>	TIP-33378
<p>When you attempt to distribute too many TLS/SSL certificates to a device, the resulting error message incorrectly specifies CA certificates as the problem.</p>	TIP-44753

<p>When you remove a CA certificate used for authentication from the SMS Authentication CA certificate list—for example, when you delete the authentication configuration from the SMS—the CA certificate is also deleted from the device. If this same CA certificate was distributed to a device as part of the SSL server certificate chain, the device would have an SSL server with a missing CA certificate in its SSL certificate chain.</p>	<p>TIP-44645</p>
<p>Exporting the hourly report to the SMB share does not work on systems upgraded to SMS 5.3.0.1.</p>	<p>SEG-77932</p>

## Product support

For assistance, contact the Technical Assistance Center (TAC).

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