



Security Management System Release Notes

Version 5.5.2

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

- If you are upgrading from an earlier 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 v5.5.2 upgrades are only supported from an SMS installed with SMS v5.3.0 or later. Attempts to upgrade from an older release will return an error.
- 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 v5.5.2 managing TPS v5.5.2
- **Incorrect:** SMS v5.3.0 managing TPS v5.5

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. 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 return an error.

- You must upgrade the SMS to 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 v5.5.2. [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 ¹	Available
2	Install upgrade package.	Manual	10-15 minutes	Unavailable
3	Migrate data.	Automatic	30 to 90 minutes ²	Unavailable

¹) Network speed determines the time to download a 750+ GB file.

²) 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
When a traffic management filter that includes both IPv4 and IPv6 addresses fails, the resulting error message now effectively communicates the reason for the failure.	TIP-63627 SEG-103775
An issue preventing the SMS from closing SMB connections properly caused the SMB server to run out of connections so that the SMS could not connect to it. This issue has been fixed.	TIP-65904 SEG-105326
When you use the SMS to configure SSL client or server inspection, adding ports to one of the decryption services (such as HTTP, IMAP, and POP3) sometimes resulted in the decryption service incorrectly being set to "other". This issue has been fixed.	TIP-69425
An issue that caused SMS nightly backups to inflate to a problematic size has been resolved.	TIP-63629
The SMS can now reorder reputation filters that have inherited configurations with inconsistent ordering.	TIP-70147 SEG-117303
This release resolves an issue with the DNS lookup of the hostname on the SMS server.	TIP-69313 SEG-117012
When you import a profile that uses security filters with inconsistent DV toolkit mapping, an <code>Unable to return filters</code> error no longer occurs.	TIP-70099 SEG-112749
An issue with DNS name validation prevented some items from being imported during a reputation user entry import.	TIP-68168 SEG-107926
The SMS no longer hinders attempts to add new entries to the Host IP Filters table.	TIP-68049 SEG-114809
You can now configure the thresholds that trigger a throughput alert. To configure the values, click the device and select Device Configuration > License Utilization Threshold Settings .	TIP-39430

Known issues

Description	Reference
1G fiber module does not support auto-negotiation. SMS will currently report auto-negotiation as enabled; however, any changes from SMS, LSM, or CLI will not take effect.	TIP-66924
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.	TIP-47930
Performing a backup and restore of the SMS database will not preserve Filter Performance Correlation data.	TIP-42709
SSL inspection cannot occur when web mode is enabled. By default, web mode is disabled.	TIP-64243
<p>The Edit Bulk action does not remove tag categories from user-provided Reputation entries. To remove tag categories from an entry, go to Profiles > Reputation Database > Search Entries, search for an entry, select entries in the search results, and click Edit.</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 Search to refresh the table.</p>	TIP-37913
<p>Certain naming configurations could trigger a condition that causes profile distributions to fail.</p> <p>To prevent failures, make sure that the names of your profiles, segments, virtual segments, and certificates are less than 55 characters.</p>	TIP-45073 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
The SMS does not activate a Digital Vaccine package when it contains a significant number of malware tags for a filter.	TIP-33378
When you attempt to distribute too many TLS/SSL certificates to a device, the resulting error message incorrectly specifies CA certificates as the problem.	TIP-44753
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.	TIP-44645

Product support

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

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