Security Management System Release Notes

Version 5.2

Important notes

- The [Release contents](#) of this document describe features or resolved issues specific to TOS v5.2. If you are upgrading from a previous version, refer to the release notes of any interim releases for additional enhancements.

- You can upgrade the SMS to v5.2 directly from SMS v5.0.1 Patch 1 or later. If you are upgrading from a release earlier than v5.0.1 Patch 1 you must first upgrade to SMS 5.0.1 Patch 1, log in to the SMS to activate a Digital Vaccine, and then upgrade to v5.2. For assistance with upgrades, contact the Technical Assistance Center (TAC).

- 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 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

	SMS v5.2	SMS v5.1	SMS v5.0	SMS v4.6	SMS v4.5	SMS v4.4
TPS	TOS v5.2 and earlier	TOS v5.1.x and earlier	TOS v5.0.x and earlier	TOS v4.2.0 and earlier	TOS v4.2.0 and earlier	TOS v4.1.0 and earlier
vTPS	TOS v5.2 and earlier	TOS v5.1 and earlier	TOS v5.0.0 and earlier	TOS v4.2.0 and earlier	TOS v4.0.2	TOS v4.0.2
IPS	TOS v3.9.4 and earlier	TOS v3.9.3 and earlier	TOS v3.9.3 and earlier	TOS v3.9.3 and earlier	TOS v3.9.3 and earlier	TOS v3.8.4 and earlier
Identity Agent	v1.0.0	v1.0.0	v1.0.0	v1.0.0	v1.0.0	v1.0.0

Software updates and migration

You cannot upgrade a product from a version that is 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.

The estimated times noted in this table apply to users upgrading from SMS v4.5 and later.

Step	Task	Process	Estimated time	SMS status
1	Download upgrade package.	Manual	Varies[1]	Available
2	Install upgrade package.	Manual	2-10 minutes	Unavailable
3	Migrate data.	Automatic	30 to 90 minutes[2]	Unavailable
4	Migrate report data.	Automatic	Up to 2 hours[3]	Available

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[1] Network speed determines the time to download 800+ MB 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.

[3] The SMS is available while report data is migrating, but performance may seem slow until migration completes. When this task is complete, a message appears in the SMS Audit Log.

Release contents

Description	Reference
Two types of APIs are available for use with the SMS. • The *SMS Web API Guide* describes HTTP APIs you can use to access multiple SMS features if you have HTTPS service to the SMS. • The SMS REST API online help describes RESTful APIs available to access SMS functionality. You can access the API from the SMS Web Management console. To do this, go to **About** > **Tools and Resources** > **API**.	New
You can configure a TPS device to use the SMS as a remote authentication server. To do this, go to **Devices** > **All Devices** > **[device name]** > **Authentication** > **Remote Authentication**, and then select **SMS as Authentication Source**. Learn more in the *SMS User Guide* and online help.	New
Remote Authentication Dial In User Service (RADIUS) group mapping is available to authenticate user login requests on the SMS from a RADIUS group. User authentication is performed on the RADIUS server, and user authorizations and access rights are maintained on the SMS. Learn more in the *SMS User Guide* and online help.	New
You can monitor certain SMS data, such as action set logic, distribution history, and dashboards on the Trend Micro TippingPoint Splunk App. SMS configuration includes creating a Splunk syslog format and configuring a syslog exporter to send events and messages to Splunk. Learn more in the *Splunk Getting Started Guide*.	New
You can schedule distributions for Auxiliary Digital Vaccines (ThreatDV). To do this, go to **Profiles** > **Auxiliary DVs** > **Scheduled Distributions**. Learn more in the *SMS User Guide* and online help.	New
Selective acknowledgement now improves profile distribution times across remote or otherwise burdened networks.	TIP-37994
You can easily reorder Traffic Management Filters. To do this, go to **Profiles** > **Inspection Profiles** > **Traffic Management** > **Move** to move a selected filter by inserting it before or after other filters in the list. If you move several filters at once, the position indicates where the first of the selected filters will be inserted in the list. Learn more in the *SMS User Guide* and online help.	TIP-37994
The Licensing Details panel displays the license expiration date for each device managed on the SMS. To view this date, go to **Admin > Licensing > Licensing Details > Contract End**. You can also export licensing details to a file. Learn more in the *SMS User Guide* and online help.	TIP-29015
The SMS Web Management console displays the banner message, the previous login, and the number of days as the count period. Learn more in the *SMS User Guide* and online help.	TIP-27669
The device-replacement matrix is available as a [knowledge base article]().	TIP-38001

Certain UTF-16 characters caused Java to add null characters in a CA certificate. This led to profile distribution failures. Before a certificate with unsupported characters is imported, the SMS reformats the problem characters and specifies the change in the info.log.	TIP-35878
You can import up to 100 user-defined tag categories on the SMS. Importing and updating entries is correlated to the number of entries and the number of tags. User entries that have more tags consume more time. We recommend the following as an import threshold. Learn more in the *SMS User Guide* and online help. • You can import up to 500,000 entries that have up to 100 tags for each entry. • You can import 500,000 to one million entries that have up to 50 tags for each entry. • You can import one to two million entries that have up to 20 tags for each entry.	TIP-30728
SMS now uses the configured TMC proxy setting for OCSP status requests.	TIP-36942

Known issues

Description	Reference
The SMS Web Management console does not display the Network Protection device on the **Cloud Device** page. To view the Network Protection device on the SMS Web Management console, go to the **Devices**: **All Devices** page.	TIP-40863
In order to use the Device Replacement feature to fully and successfully replace a Performance mode vTPS with another vTPS, make sure the replacement vTPS is also in Performance mode.	TIP-37106
SMS High Availability (HA) settings will be restored during a database restore if the backup was taken from an SMS configured for HA. You will need to disable HA settings after the SMS is restored.	TIP-37443
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**, and then search for an entry, select entries in the search results, and click **Edit**. The search results display the first 10,000 entries. If you are modifying more than 10,000 entries, you will need to repeat this procedure. When searching for URL entries, the search results table will not automatically refresh. Click **Search** to refresh the table.	TIP-37913
The period the SMS requires to complete a backup to external storage can last longer than expected.	TIP-39347
Sometimes a scheduled SMS database backup to an external NFS system does not occur.	TIP-37132
The SMS does not activate a Digital Vaccine package when it contains a significant number of malware tags for a filter.	TIP-33378

After disabling HA, users could not log in to the primary vSMS by using the CLI, ssh, https, or SMS client. Workaround: Unmanage and remanage all devices using the secondary SMS.	TIP-38329
The System Health and Performance graphics display a different power supply status for 440T devices depending on which TOS the SMS is running. SMS v5.0.1 displays n/a, and SMS v5.1.0 displays 50%.	TIP-36468
You cannot import an Enterprise Vulnerability Remediation (eVR) scan that has non-ASCII characters in the filename.	TIP-35729

Product support

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