



Tracking T2 Macs by collecting custom inventory data

- Parallels Device Management

Description

Starting from **Parallels Mac Management 7.1**, custom inventory reporting is supported.

In **SCCM 1706** and above, there is a default **TPM Status (SMS TPM)** class.

TPM stands for Trusted Platform Module. TPM Status class was originally created for tracking this module on various Windows devices.

Parallels Mac Management enables possibility to adapt this class for Mac devices.

NOTE: SCCM versions below 1706 have to import this class.

Enabling custom inventory and TPM Status class

1. Open SCCM Console \Administration\Overview\Client Settings > Default Client Settings > Properties:

2. Switch to **Hardware Inventory** and set **Collect MIF Files** to **Collect IDMIIF Files**:

3. Click **Set Classes** and look for **TPM Status** class:

4. Enable it and click **OK** on **Hardware Inventory Classes** window:

5. Click **OK** on **Default Settings** window:

Creating Configuration Item with Discovery Script

1. Download and unzip the attached script on the machine with SCCM Console and Parallels Mac Management Console Extension installed.
2. Create new Configuration Item at SCCM Console \Assets and Compliance\Overview\Compliance Settings\Configuration Items:

3. Name it, set type to **Mac OS X (custom)** and click **Next**:

4. Ensure that **Select All** is checked in order to include Mac OS X versions that are not listed specifically. (e.g. 10.15) and click **Next**:

5. Change **Settings type** to **Script**, **Data type** to **String**, name the setting and click **Add Script...**

6. Click **Open** and navigate to unzipped custom_inventory_sms_tpm.sh:

NOTE: If you click **OK** and then reopen this window, the script will be displayed correctly.

7. Click OK on **Edit Discovery Script** and then on **Create Setting** window.and click **Next**:

8. Name the Rule and click **Browse**:

9. Highlight Setting that was just created and click **Select**:

10. Once the setting is selected, click **OK** on **Create Rule window**:

11. Click **Next** on **Compliance Rules** and **Summary** pages and wait for **Progress**:

12. Click **Close**:

Creating and Deploying Configuration Baseline

1. Switch to **Configuration Baselines** and create a new one:

2. Name it and click **Add > Configuration Items**:

3. Find the previously created **Configuration Item** in the list, **Add** it and click **OK**:

4. Click **OK** to finish creating **Configuration Baseline**:

5. Deploy Configuration Baseline to **All Mac OS X Systems** collection:

NOTE: It's possible to use child collection as well.

6. After getting all the latest policies, Deployment will display percentage of Macs with successful script execution:

Updating Hardware Inventory and checking TPM Status summary

Hardware Inventory will be updated according to its schedule or you may also trigger it manually from Mac Client or from SCCM Console, as long as Mac is reachable.

If Mac is able to get policies, it might be better to adjust schedules for **Policies Polling Interval** and **Hardware Inventory Schedule** in **Default Client Settings**.

This way it's possible to obtain information a bit faster if there is urgency.

NOTE: Do not forget to change schedule back afterward, as it will cause additional load on SCCM server.

You may download the attached query and then use it at SCCM Console \Monitoring\Overview\Queries to check the results of script execution for every Mac that was reported as compliant.

Results will look as follows:

NOTE: After Importing Query, please make sure to open it's **Properties** and set **Limit to collection** value.

Query Language:

```
select SMS_R_System.Name, SMS_R_System.IPAddresses,  
SMS_G_System_TPM_STATUS.IsReady, SMS_G_System_TPM_STATUS.IsApplicable from  
SMS_R_System inner join SMS_G_System_TPM_STATUS on  
SMS_G_System_TPM_STATUS.ResourceID = SMS_R_System.ResourceId
```

Also, results can be checked from Resource Explorer, individually for each Mac:

© 2024 Parallels International GmbH. All rights reserved. Parallels, the Parallels logo and Parallels Desktop are registered trademarks of Parallels International GmbH. All other product and company names and logos are the trademarks or registered trademarks of their respective owners.