|| Parallels[®]

How to deploy System Configuration Profile with compliance evaluation?

• Parallels Device Management

Symptoms

How to deploy System Configuration Profile with compliance evaluation?

Resolution

To deploy System Configuration Profile with compliance evaluation Mac OS X Configuration item with discovery and remediation scripts should be used. This article covers the procedure of creating these scripts and deploying profile.

- 1. To create Discovery and Remediation scripts, download <u>this script</u> on Mac along with .mobileconfig you want to deply.
- 2. Open Terminal and change directory to the one script is located in, e.g.

cd Desktop

3. Give script executable permissions:

sudo chmod u+x profile_installation_scripts_generator.sh

enter admin password when prompted.

4. Execute script pointing .mobileconfig location as an argument, e.g.:

```
./profile_installation_scripts_generator.sh /Users/parallels/Desktop/test.mobileconfig
```

Script will generate two files: discovery.sh and remediation.sh.

- 5. Copy scripts to SCCM Console server/workstation.
- 6. Create Configuration Profile:
 - ♦ Open SCCM Console, navigate to Assets and Compliance > Overview > Compliance Settings.
 - ◆ Right-click on **Configuration Items > Create Configuration Item**:
 - In General tab of Create Configuration Item Wizard pane specify Name and Description (optional). Set configuration item type to Mac OS:

Note in SCCM versions prior to 1511 this dialog is different.

- In **Settings** tab click on **New** button.
- In opened General tab of Create Setting dialog:
 - ♦ specify Name.
 - ♦ change **Setting type** to **Script**.
 - ♦ set **Data type** to **String**.
 - In Discovery script pane click on Add Script button. In the opened Edit Discovery Script dialog click on Open button, locate generated discovery.sh script and hit OK:

In Remediation script pane click on Add Script button. In the opened Edit Discovery Script dialog click on Open button, locate generated remediation.sh script and hit OK:

Note: if you know click on **Edit Script** button to check the script it will be shown in a good format. • switch to **Compiance Rules** tab:

◊ click on **New** button.

- ◊ in the opened **Create Rule** dialog specify rule **Name**, **Description** (optional).
- ◊ Set value returned by the specified script **Equal** to **Profile Installed**.
- **♦** Check **Run the specified remediation script when this setting is noncompliant**.
- ♦ Set rest of the options according your convenience:
- Click Next in the rest panes of Create Configuration Item Wizard to complete.
- 7. Create a Configuration Baseline and add Configuration Item.
- 8. Deploy Configuration Baseline to required SCCM collection.

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