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How to deploy a Root CA certificate

• Parallels Device Management

Information

How to deploy a Root CA certificate to Macs?

Important note: you need Parallels MDM component of Parallels Mac Management installed and running, Macs enrolled to it and its MDM certificate approved by users.

1. First of all, please export the **Root CA** certificate:

- Log into the Root Certification Authority server with Administrator account;
- Start Command Line and execute this command: certutil -ca.cert ca_name.cer

It will export the Root CA certificate to a file named *ca_name.cer* to the location where the **Command Line** is launched:

2. Now you need to create a **configuration profile** containing the certificate. There are many ways to do it, e.g., you may use the free <u>ProfileCreator</u> utility. We'll use it in this article.

Install it to a Mac and copy the exported certificate to the Mac. Create a new profile and specify its **Name**, **Payload Description** and **Scope: System**:

Click on Certificate PKCS1 Payload, specify the certificate file and click Add:

Click **File Export** to save the profile to .mobileconfig file:

Copy the .mobileconfig file to computer with SCCM Console.

3. Now you need to create a **Configuration Item** containing the certificate payload. Please launch **SCCM Console Assets and Compliance Compliance Settings**, click **Create Parallels Configuration Item Mac OS X Configuration Profile from File**:

Enter the name for the Configuration Item (like Root CA certificate), select both options **System profile** and **Install via MDM server (required)**, and specify the .mobileconfig file you created in the previous step:

Click **OK** to save the Configuration Item.

4. Now you need to create a **Configuration Baseline**, add the **Configuration Item** to it and deploy it to the appropriate SCCM **Device Collection**:

Once Macs receive the updated policies, they will install the deployed certificate as Trusted.

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