



How to change desktop background in OS X through Desired Configuration Management

- Parallels Device Management

Information

To change the desktop background in OS X through Desired Configuration Management, you can create a script with appropriate instructions and include it in a configuration item that will be used to evaluate Macs for compliance.

Update: For macOS Mojave, Catalina and new please follow [this KB article](#).

Note: This article does not provide details about setting up and using Desired Configuration Management. For the complete information about creating configuration items and evaluation scripts, please read [Parallels Mac Management for Microsoft SCCM Administrator's Guide](#).

Follow the instructions provided in the guide (see link above) and open the **Create Configuration Item Wizard**. When specifying the settings on the **Create Setting** dialog, create a discovery script as follows:

1. In the **Setting type** list box, select **Script**.
2. In the **Data type** list box, select **String**.
3. In the **Discovery script** section, click **Add Script**.
4. In the **Edit Discovery Script** dialog, copy and paste the following script in the **Script** edit box (change the value of the WALLPAPER_PATH variable to contain a path to your image file):

```
WALLPAPER_PATH="/Library/Desktop Pictures/Snow.jpg"

CONSOLE_USER=$(ls -la /dev/console | awk '{print $3}')
if [[ ${CONSOLE_USER} == "root" ]]; then
    exit 0 # Silently exit if there is no console user
fi

if [[ ! -f ${WALLPAPER_PATH} ]]; then
    echo "No such file: ${WALLPAPER_PATH}" 1>&2
    exit 2
fi

sudo -u $CONSOLE_USER /usr/bin/osascript -e "tell application \"System Events\" to set picture o
EXIT_CODE=$(echo $?)"

if [[ ${EXIT_CODE} != 0 ]]; then
    exit ${EXIT_CODE}
fi

echo "OK"
exit 0
```

When done adding the script, click **OK** to close the **Edit Discovery Script** dialog.

You now need to create a compliance rule using the following steps:

1. Click the **Compliance Rules** tab in the **Create Setting** dialog.
2. Click **New** to open the **Create Rule** dialog.
3. Type in the rule name and an optional description.

4. In the **Rule type** list box, select **Value**.
5. In **The value returned by the specified script** list box, select **Equals**.
6. In **the following values** edit box, type “OK” (without quotes).

Complete the **Create Configuration Item** as described in the [Parallels Mac Management for Microsoft SCCM Administrator's Guide](#).

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