

Mac – Download and Install Firefox

automation policy



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Download and Install Firefox on Mac OS X devices

Overview

N-able Technologies has developed an automation manager policy that allows you to install Firefox on Mac OS X devices

It is important to understand some of the limitations and how to properly use the script.

Requirements

- The tested N-central version are 10.0
- The Automation Policy - Mac -Download and Install FF.amp
- A Mac OS X device, including Administrator level credentials
- A Windows device with an Agent installed that has Powershell 2.0 or above needs to be local to the Mac device
- A valid download link to the version of Firefox you wish to install
- Access to N-central and the ability to run Automation Policies

Background

The Policy in Automation Manager

1. Opening the AMP in Automation Manager you will see the different functions of the policy. To manage the Mac device it is leveraging the SSH objects to connect and perform the commands.

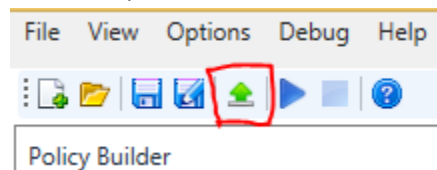
Here is what it does:

- Connect to the Mac device via SSH
- Send the download command
- Mount the Disk Image (.dmg)
- Copy the Firefox Application (.app) to the Applications folder
- Unmount the Disk Image
- Close the SSH session

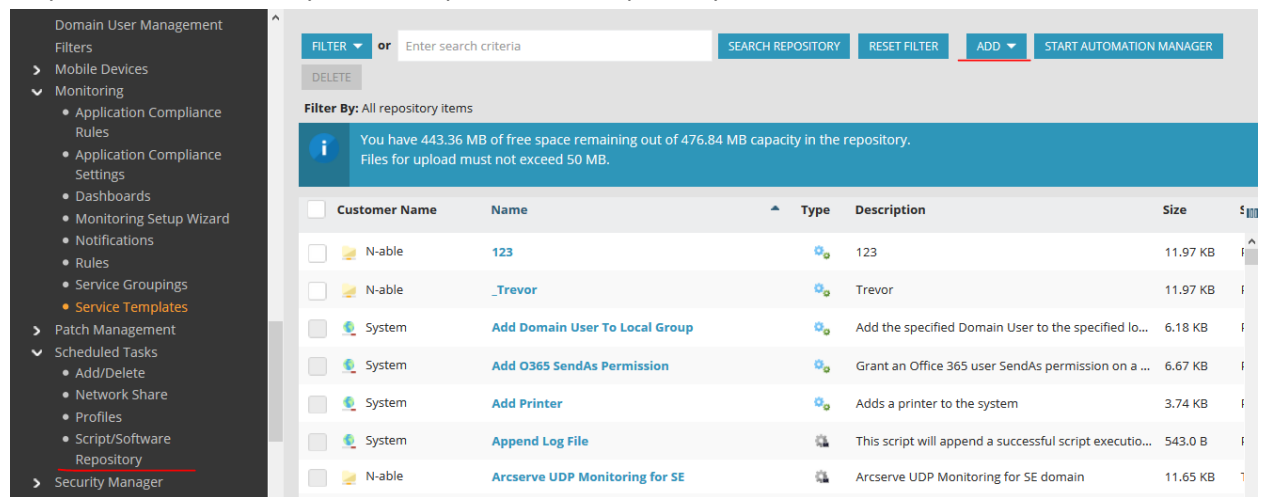
2. All input parameters should be declared by the technician when executing this policy.

To upload the policy in N-central

1. You can open the file from Automation Manager Wizard and click on upload



2. Or you can ADD it directly under Script/Software Repository

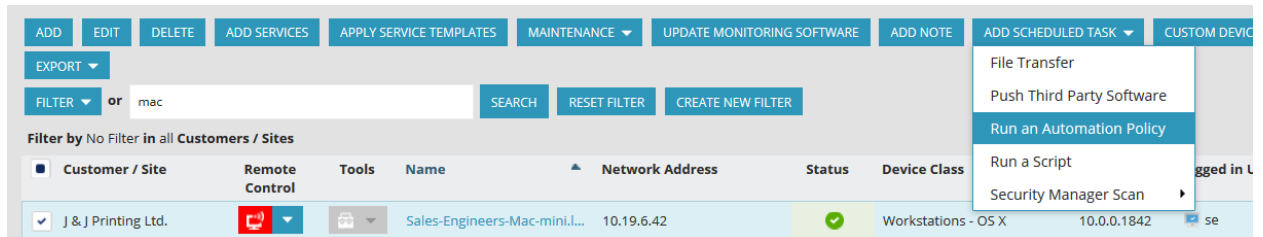


The screenshot shows the N-central interface. On the left is a sidebar with navigation options: Domain User Management, Filters, Mobile Devices, Monitoring (expanded), Patch Management, Scheduled Tasks, and Security Manager. Under Monitoring, there are sub-items: Application Compliance Rules, Application Compliance Settings, Dashboards, Monitoring Setup Wizard, Notifications, Rules, Service Groupings, and Service Templates. Under Patch Management, there are: Add/Delete, Network Share, Profiles, and Script/Software Repository (highlighted with a red line). Under Scheduled Tasks, there are: Add/Delete, Network Share, Profiles, and Script/Software Repository. The main content area shows a 'Filter By' dropdown set to 'All repository items'. A message states: 'You have 443.36 MB of free space remaining out of 476.84 MB capacity in the repository. Files for upload must not exceed 50 MB.' Below this is a table of repository items:

Customer Name	Name	Type	Description	Size
N-able	123		123	11.97 KB
N-able	_Trevor		Trevor	11.97 KB
System	Add Domain User To Local Group		Add the specified Domain User to the specified lo...	6.18 KB
System	Add O365 SendAs Permission		Grant an Office 365 user SendAs permission on a ...	6.67 KB
System	Add Printer		Adds a printer to the system	3.74 KB
System	Append Log File		This script will append a successful script executio...	543.0 B
N-able	Arcserve UDP Monitoring for SE		Arcserve UDP Monitoring for SE domain	11.65 KB

To run the policy in N-central

1. Once uploaded, you can target the devices and execute the scheduled task.



2. Provide the necessary input variables:
 - Save As Command – path and filename
 - Device IP Address – Use Asset variable to pass info from N-central
 - Username – Admin Account
 - Password – Credentials for the account
 - Port – This should be 22
 - Download Link – The direct download link to the Firefox .dmg file
 - Firefox Mount Point Name – Path to the mounted Firefox application
 - Install folder – Set to /Applications/ by default for all users

Details	Executing Devices	Targets	Schedule	Notifications
Save As Command:	<input checked="" type="radio"/> Text input <input type="radio"/> Asset variable	~/Downloads/ff.dmg		
Device IP Address:	<input type="radio"/> Text input <input checked="" type="radio"/> Asset variable	Network Address		
Username:	<input checked="" type="radio"/> Text input <input type="radio"/> Asset variable	Admin		
Password:	<input checked="" type="radio"/> Text input <input type="radio"/> Asset variable	<div>.....</div> <input type="checkbox"/> Show Password		
Port:		22		
Download Link:	<input checked="" type="radio"/> Text input <input type="radio"/> Asset variable	http://download.cdn.mozilla.net/pub/mozilla.org/firefox/r		
Download Time:		60		
Firefox Mount Point Name:	<input checked="" type="radio"/> Text input <input type="radio"/> Asset variable	/Volumes/Firefox		
Install Folder:	<input checked="" type="radio"/> Text input	/Applications/		

- Make sure you select an Executing Devices that's in the same subnet as your Mac and online at the time when you run the script. Do not leave it as Best Available.

AUTOMATION POLICY TASK

DETAILS

Scheduled Task Limitations

Task Name:

Automation Policy - 2015-08-21 15h36m58s

Enabled:

☒

Details

Executing Devices

Targets

Schedule

Notifications

EXECUTING DEVICES

Customer Name	Executing Device
East End Bakery	Best Available
J & J Printing Ltd.	rguzman-lt
Microsoft Azure	Best Available

- Complete the rest of the settings and run the scheduled task.
- Check the job status to see if the policy worked.