

Mac – Download and Install Java

automation policy



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Download and Install Java on Mac OS X devices

Overview

N-able Technologies has developed an automation manager policy that allows you to install Java 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 Java.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 Java 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.

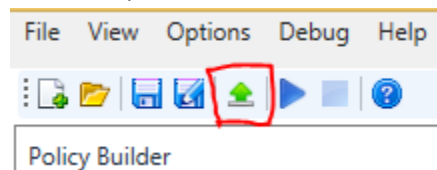
Here is what it does:

- Connect to the Mac device via SSH
- Send the download command
- Mount the Disk Image (.dmg)
- Install Java
- Unmount the Disk Image
- Close the SSH session

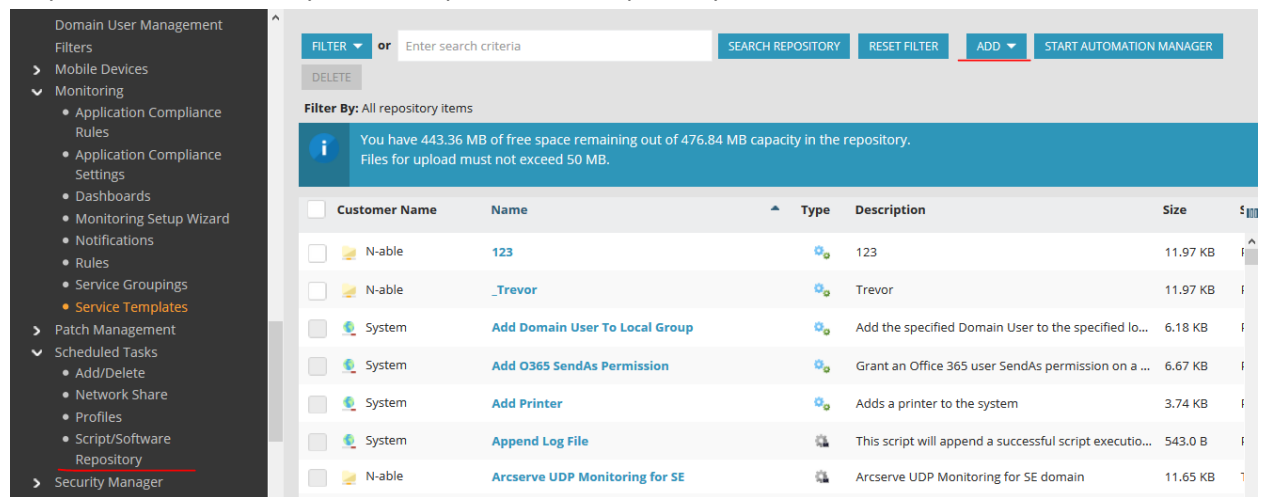
2. All input parameters should be declared by the technician when executing this policy.

To upload the policy in N-central

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



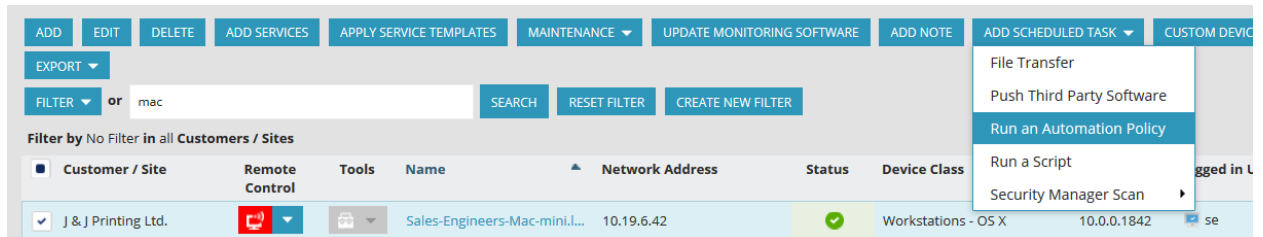
2. Or you can ADD it directly under Script/Software Repository



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
 - Mounted Java PKG Name – Path to the mounted Java application (.pkg)
 - Java Mount Point – The Java Mounted Drive name

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/		

3. 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.