Demonstrate Different Ways to Add Security Firewall Devices to CSM

Contents

Introduction

This document describes different methods to add security firewall devices to Cisco Security Manager (CSM).

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Cisco Security Manager
- Adaptive security device

Components Used

The information in this document is based on these software and hardware versions:

- Cisco Security Manager 4.25
- Adaptive security appliance

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Background Information

The Cisco security manager delivers centralized management and monitoring services for Cisco ASA device.

Demonstration Methodology

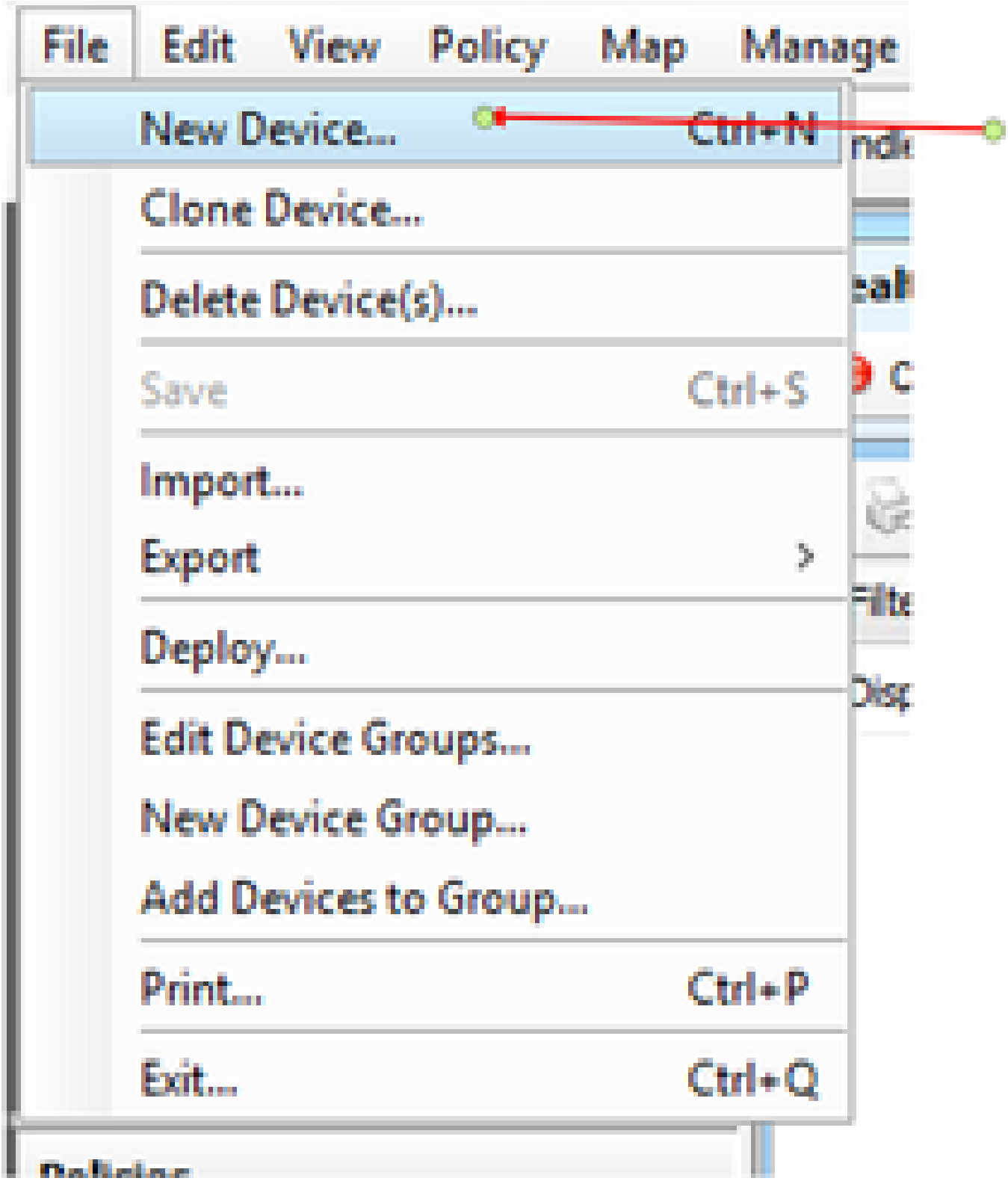
This document focuses on 2 ways to add the device to CSM.

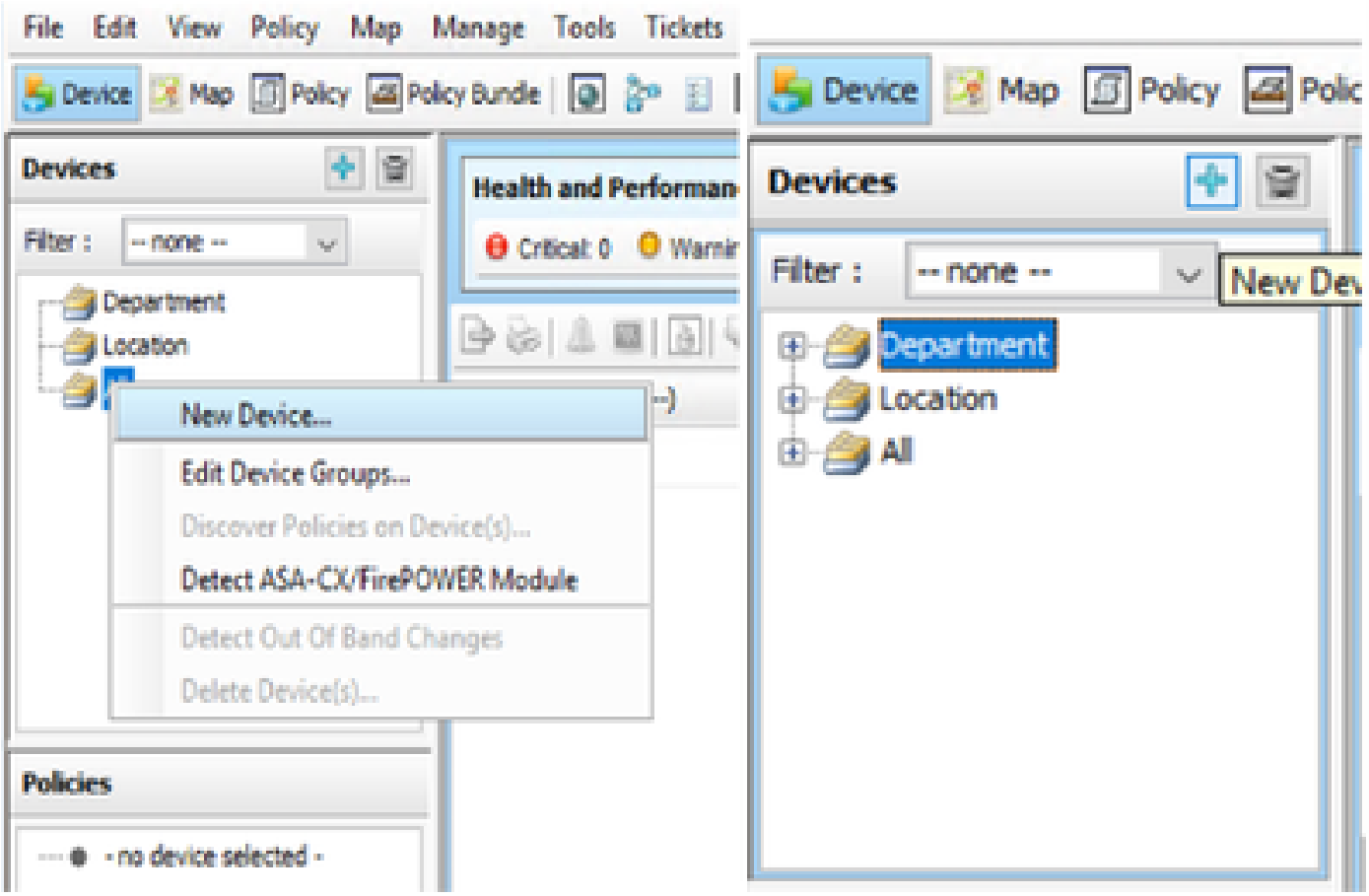
- Add device from network
- Add a new device

How to Navigate to Add Device

You can navigate to add device in 2 ways.

1. Navigate to **File > New device**.
2. **Right click** from device pane or use the **plus icon** in the device pane.


File
Edit
View
Policy
Map
Manage
New Device... Ctrl+N
Clone Device...
Delete Device(s)...
Save Ctrl+S
Import...
Export
Deploy...
Edit Device Groups...
New Device Group...
Add Devices to Group...
Print... Ctrl+P
Exit... Ctrl+Q



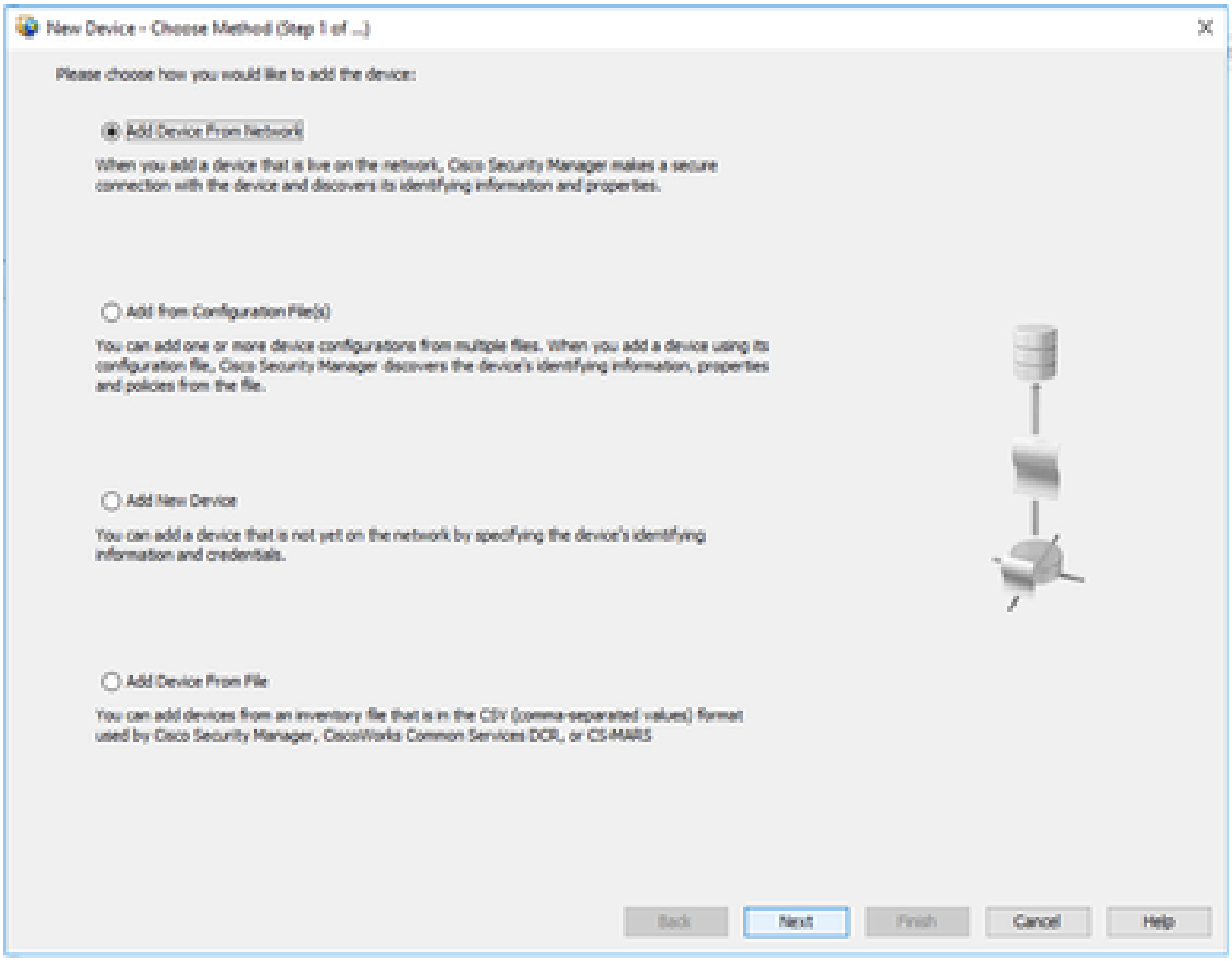
Ways to Add Device to CSM

Add a Device From Network

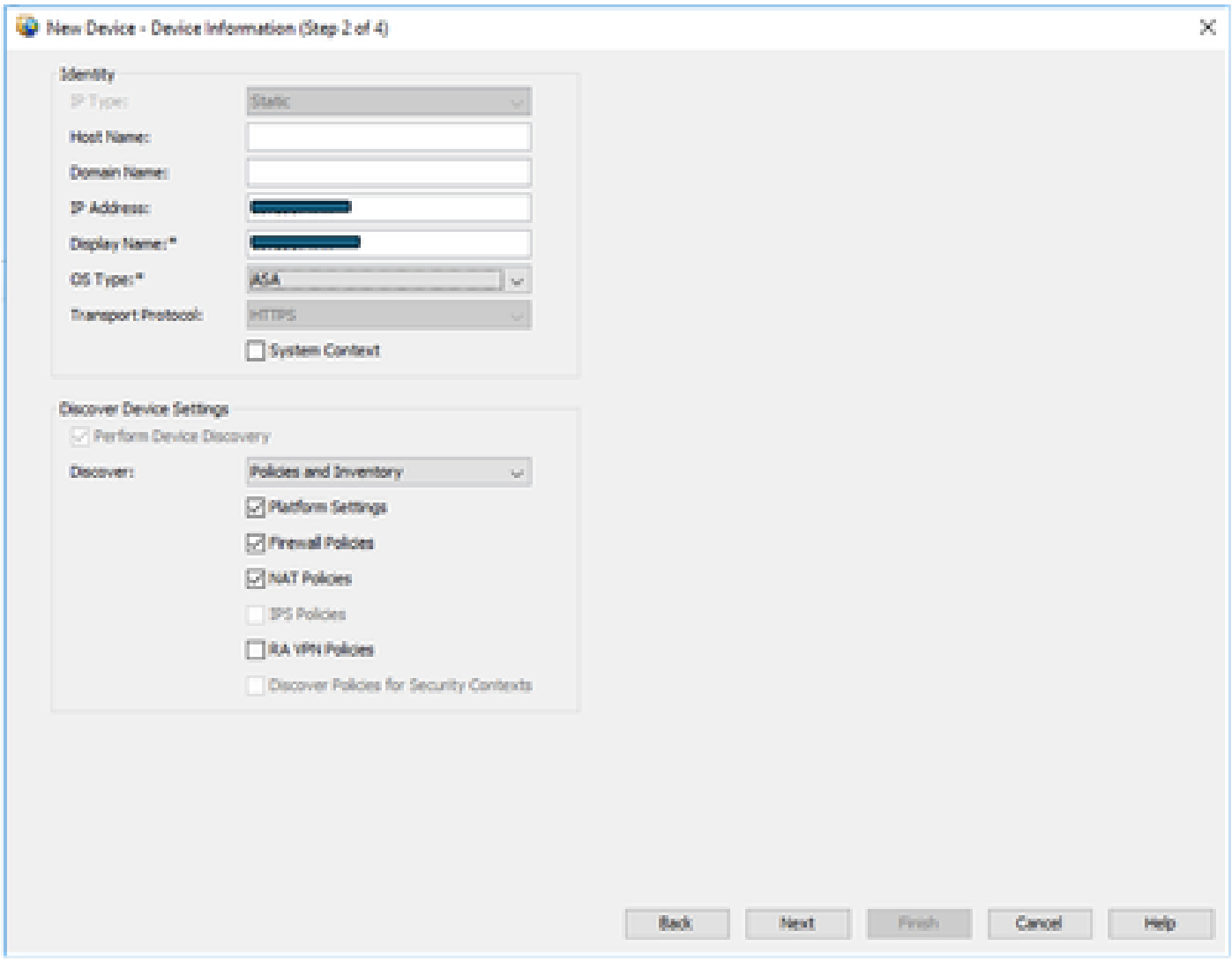
Security Manager establishes a direct and secure connection to active devices on the network to retrieve their identifying information and properties.

Step 1:

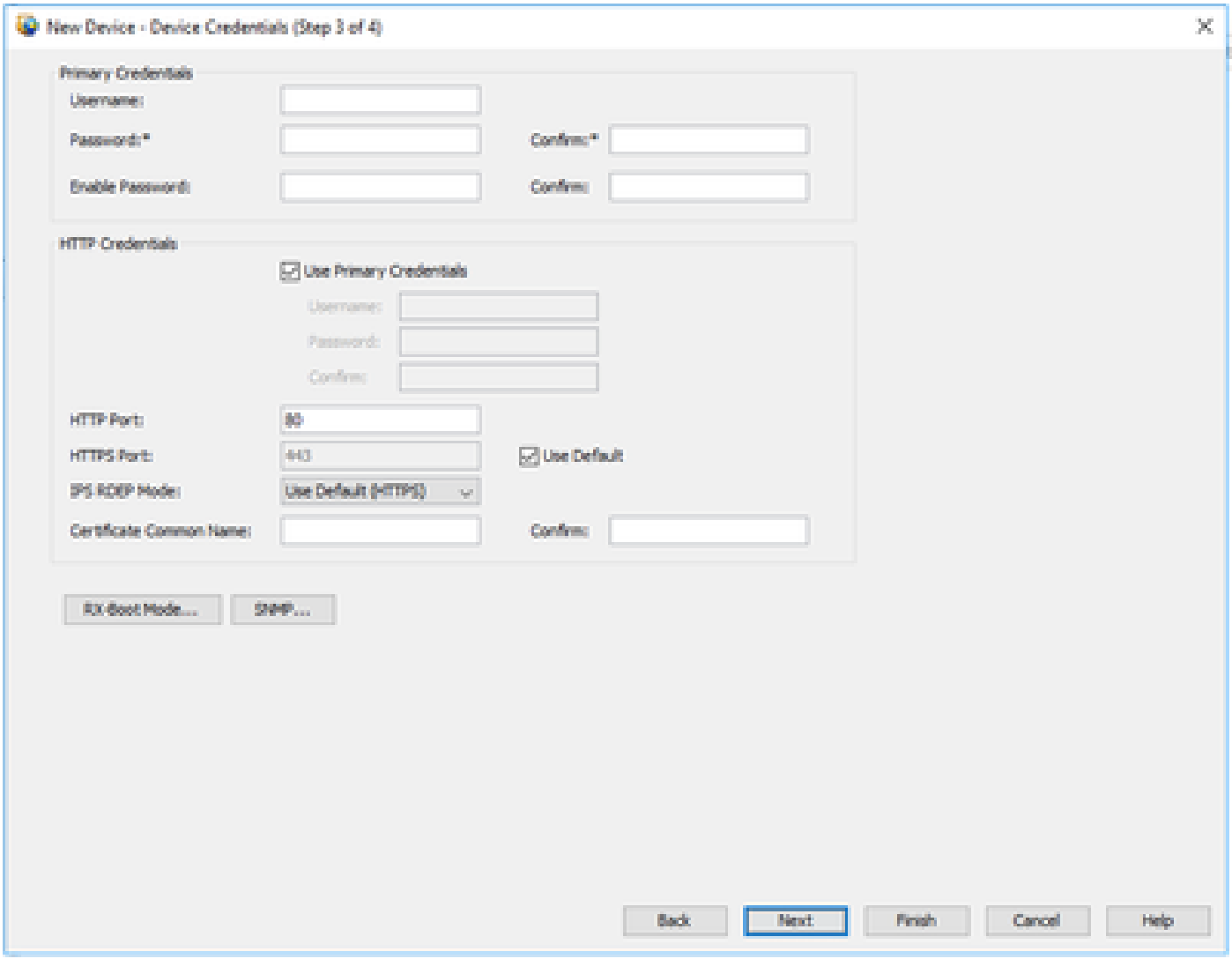
Once you click **new device**, the pop window appears. Choose the first option, **Add device from network**.


New Device - Choose Method (Step 1 of ...)
Please choose how you would like to add the device:
Add Device From Network
When you add a device that is live on the network, Cisco Security Manager makes a secure connection with the device and discovers its identifying information and properties.
Add from Configuration File(s)
You can add one or more device configurations from multiple files. When you add a device using its configuration file, Cisco Security Manager discovers the device's identifying information, properties and policies from the file.
Add New Device
You can add a device that is not yet on the network by specifying the device's identifying information and credentials.
Add Device From File
You can add devices from an inventory file that is in the CSV (comma-separated values) format used by Cisco Security Manager, CiscoWorks Common Services DCR, or CS-MARS
Back
Next
Finish
Cancel
Help

Step 2:


New Device - Device Information (Step 2 of 4)
Identity
IP Type:
Static
Host Name:
Domain Name:
IP Address:
Display Name:*
OS Type:*
ASA
Transport Protocol:
HTTPS
System Context
Discover Device Settings
Perform Device Discovery
Discover:
Policies and Inventory
Platform Settings
Firewall Policies
NAT Policies
IPS Policies
RA VPN Policies
Discover Policies for Security Contexts
Back
Next
Finish
Cancel
Help

Step 3:



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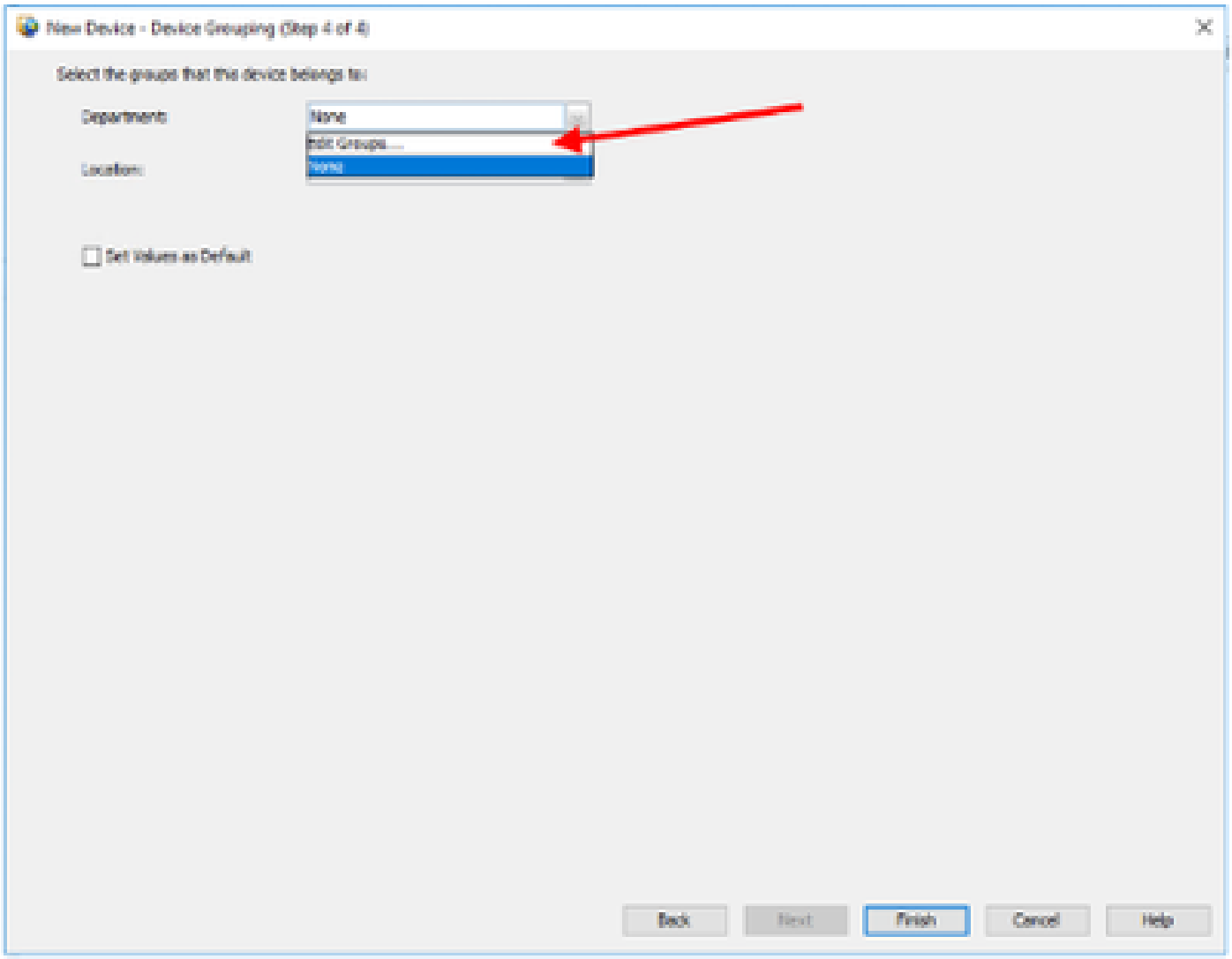
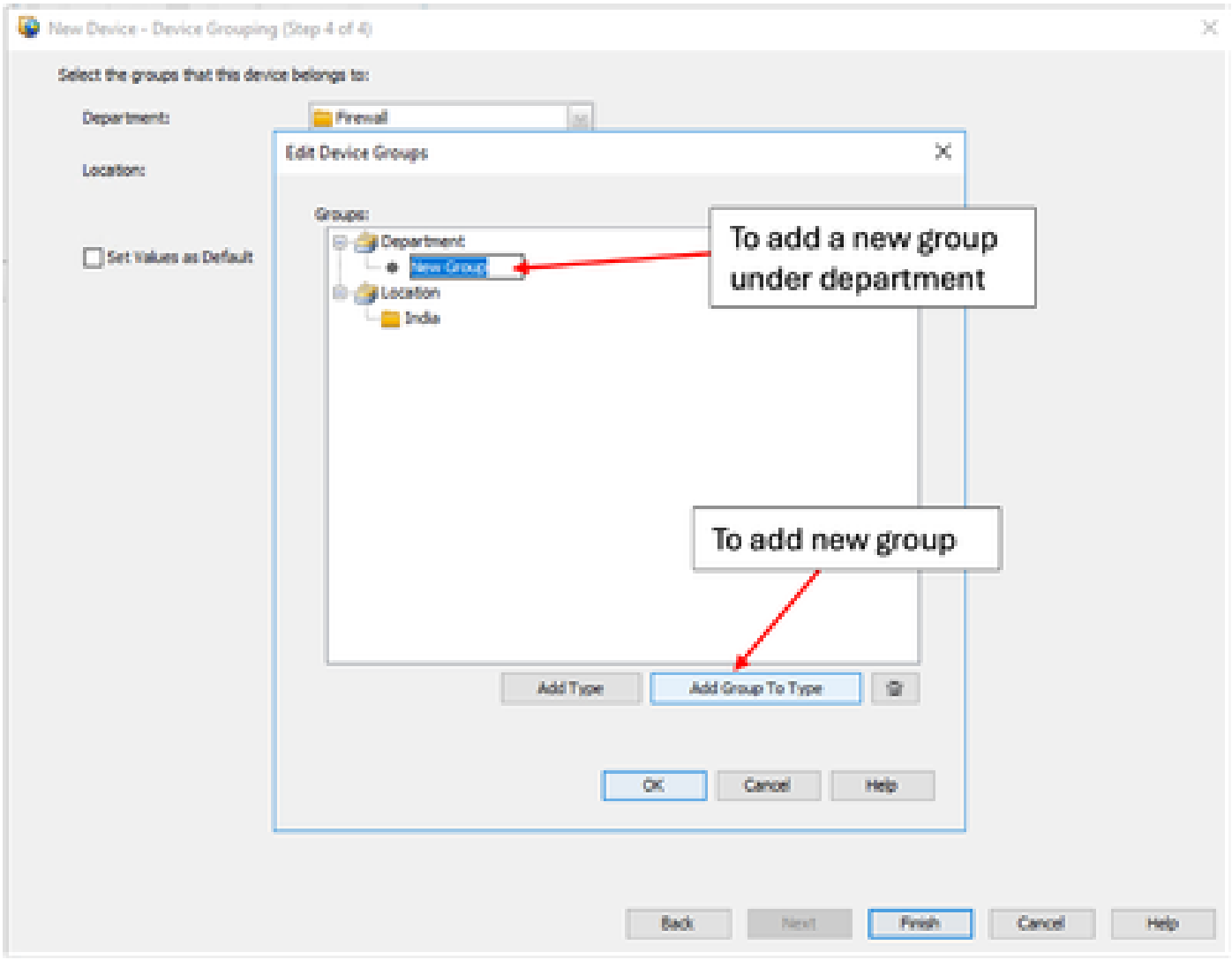
Step 4:

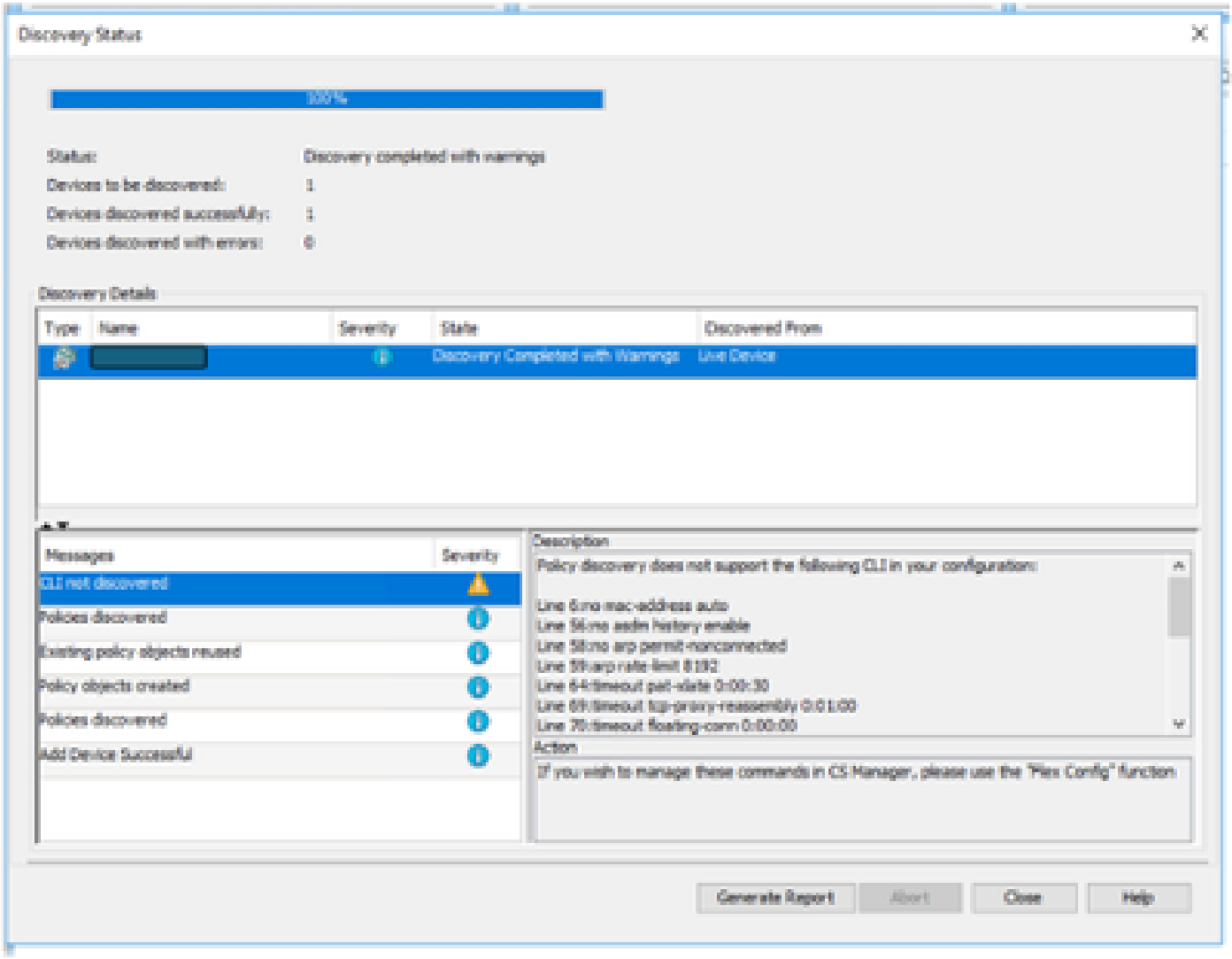
If you need to add the department or location to group the device, you can choose the **Edit groups** options.



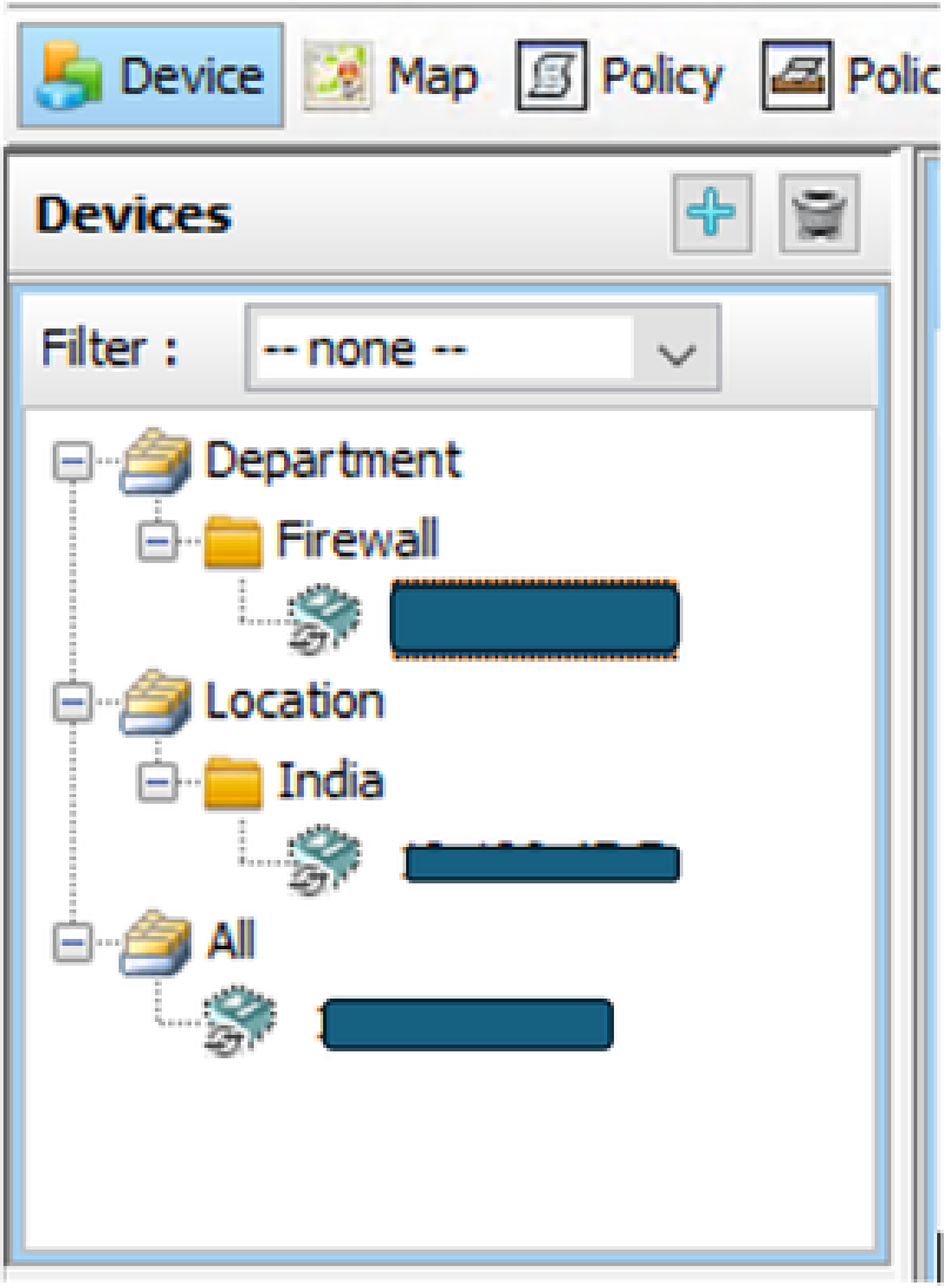
Once the edit device group pop up window opens, you can add group or types based on the requirement.



Once you click **finish**, the device is registered. You see a window similar to the example shown.



The device is added to both department and location groups as created earlier.
In this example, you created the location group as India and Department group as Firewall.

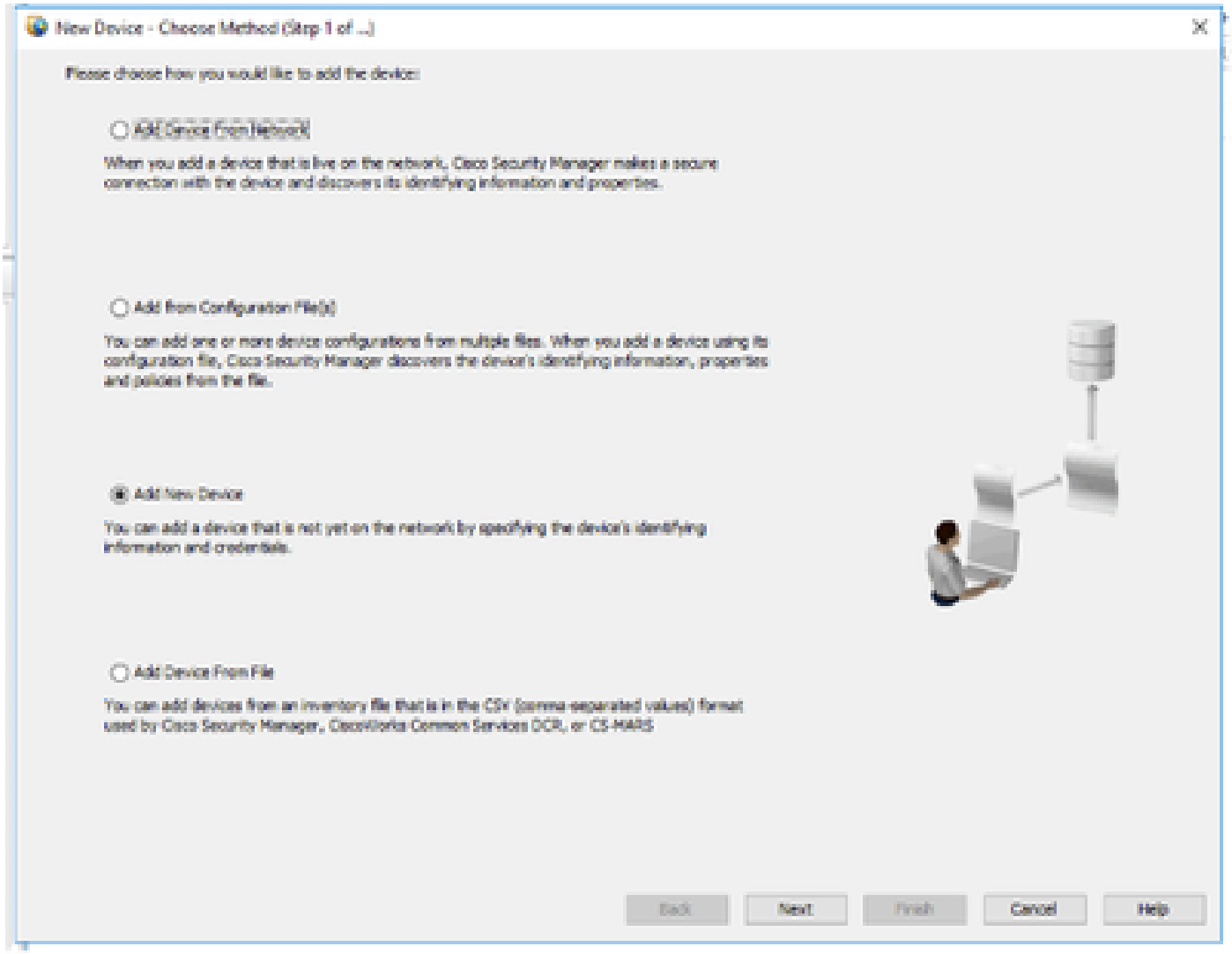

Device
Map
Policy
Polic
Devices
Filter :
-- none --
Department
Firewall
[redacted]
Location
India
[redacted]
All
[redacted]

Add a New Device

To incorporate a device that is not currently part of the network, enable pre-provisioning in Security Manager. You have the option to create the device within the system. This allows you to assign policies to the device and generate configuration files prior to installing the device hardware.

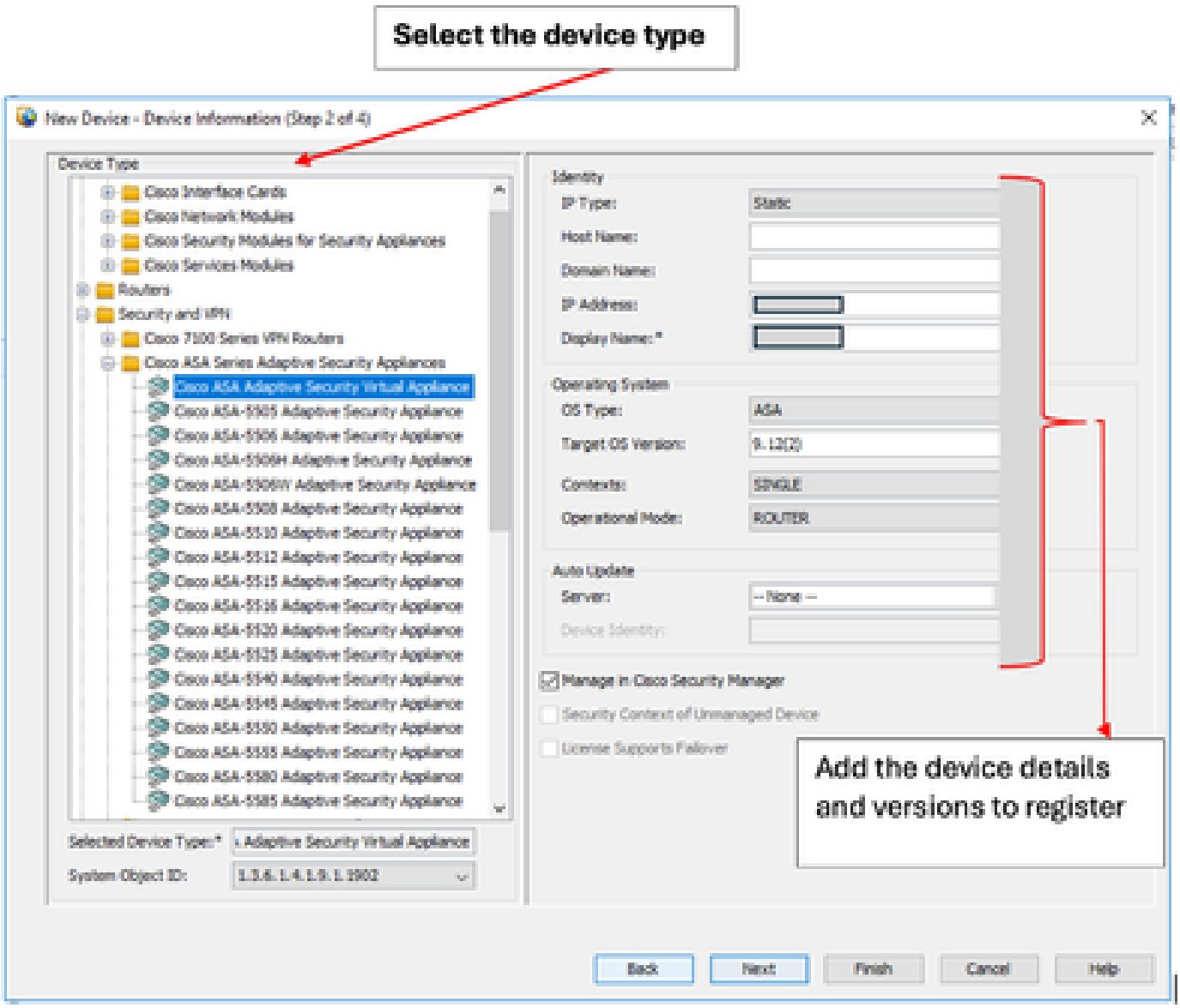
Step 1:

Once you click **new device**, the pop up window appears. Choose the option **Add device** from network.



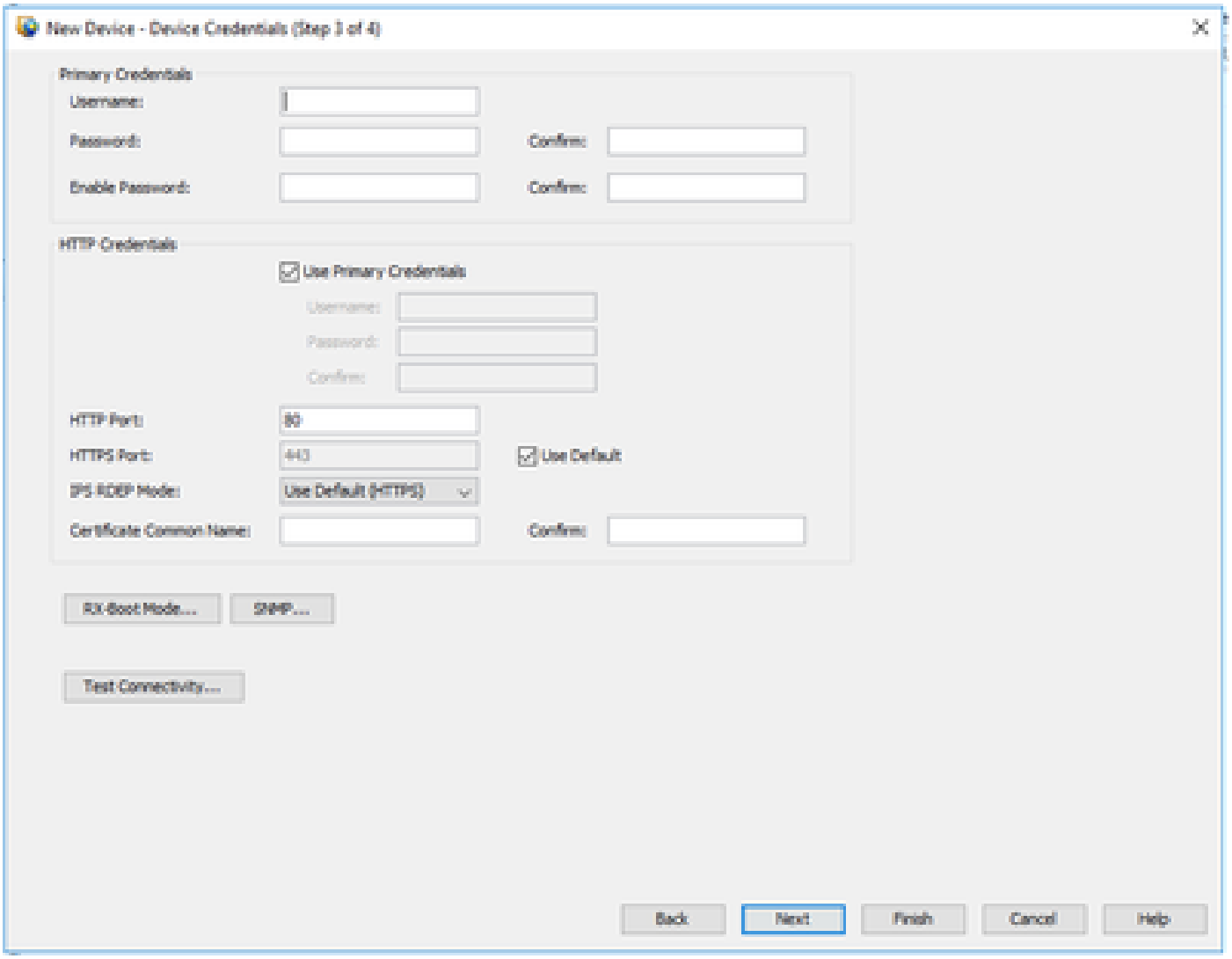
Step 2:

Select the **device type** from left pane, and enter the **device details** in the right pane.



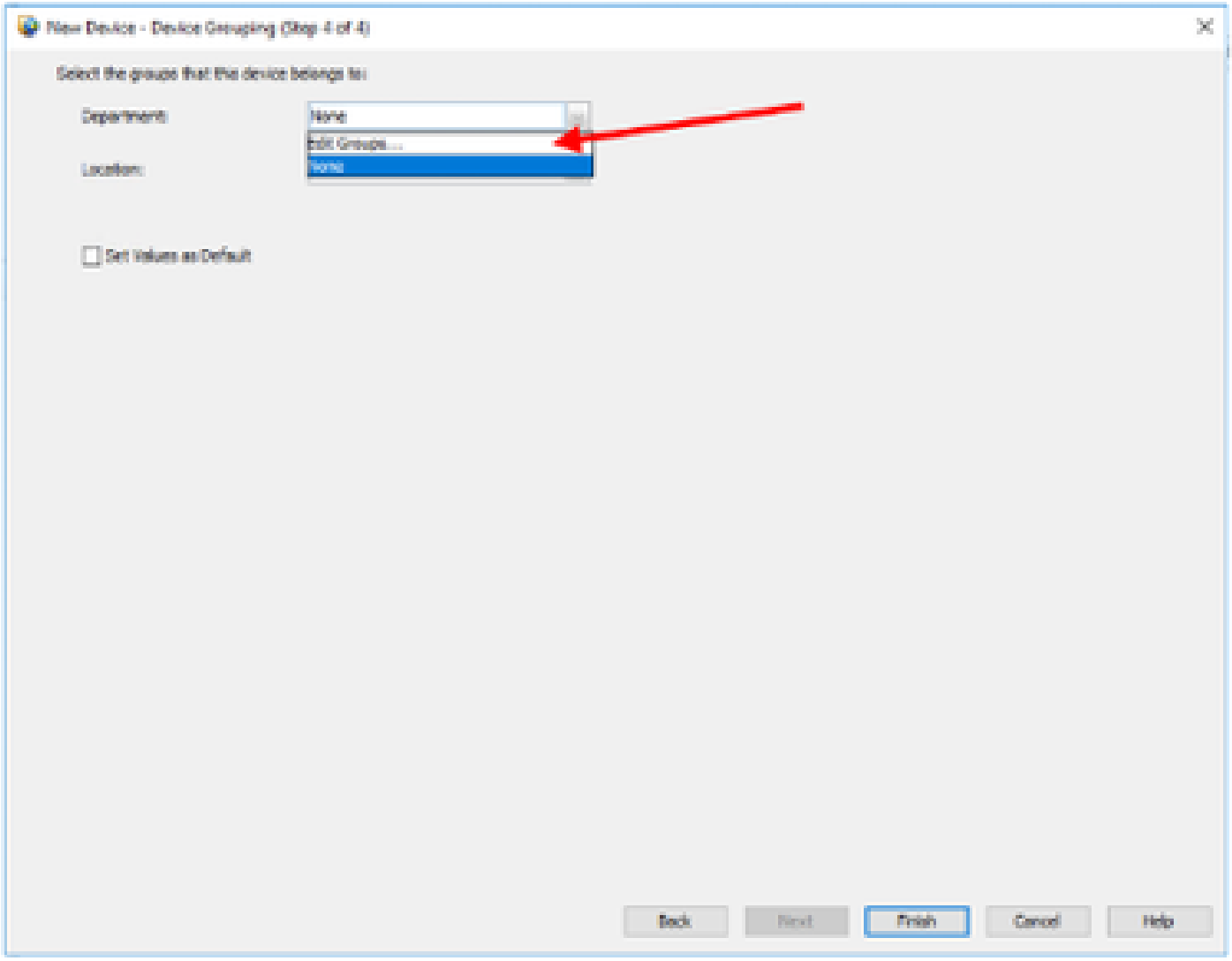
Step 3:

Enter the **device username** and **credential details**.

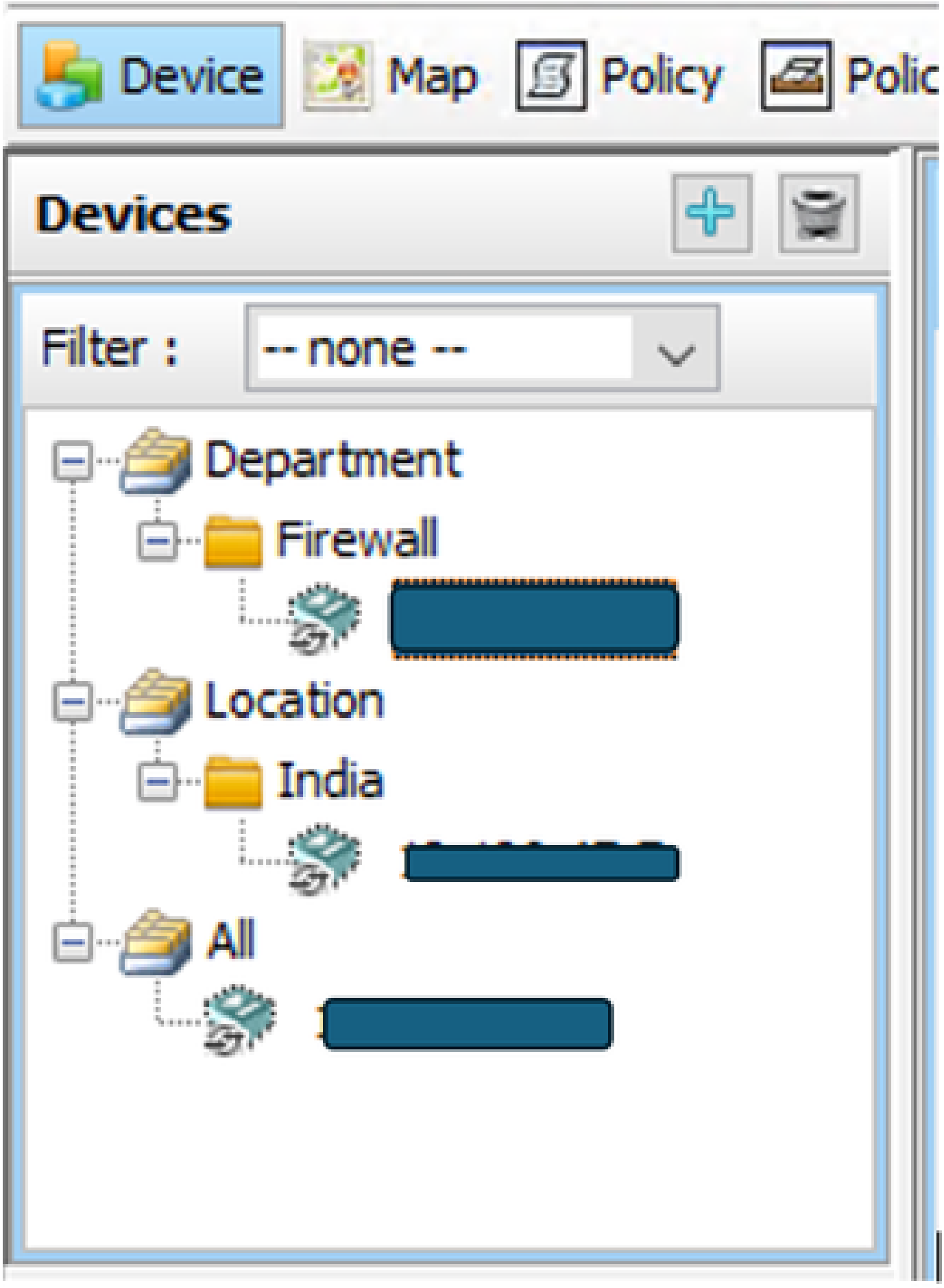


Step 4:

Add the **device** to the groups.



Once you click **finish**, the device is registered and it shows as depicted in the example.


Device
Map
Policy
Polic
Devices
Filter :
-- none --
Department
Firewall
[redacted]
Location
India
[redacted]
All
[redacted]