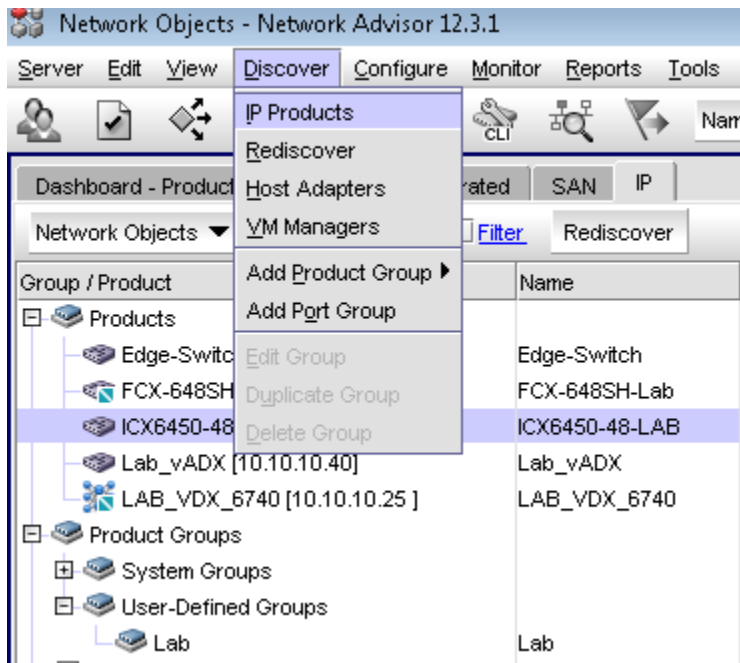


# Brocade Network Advisor IP Device Discovery

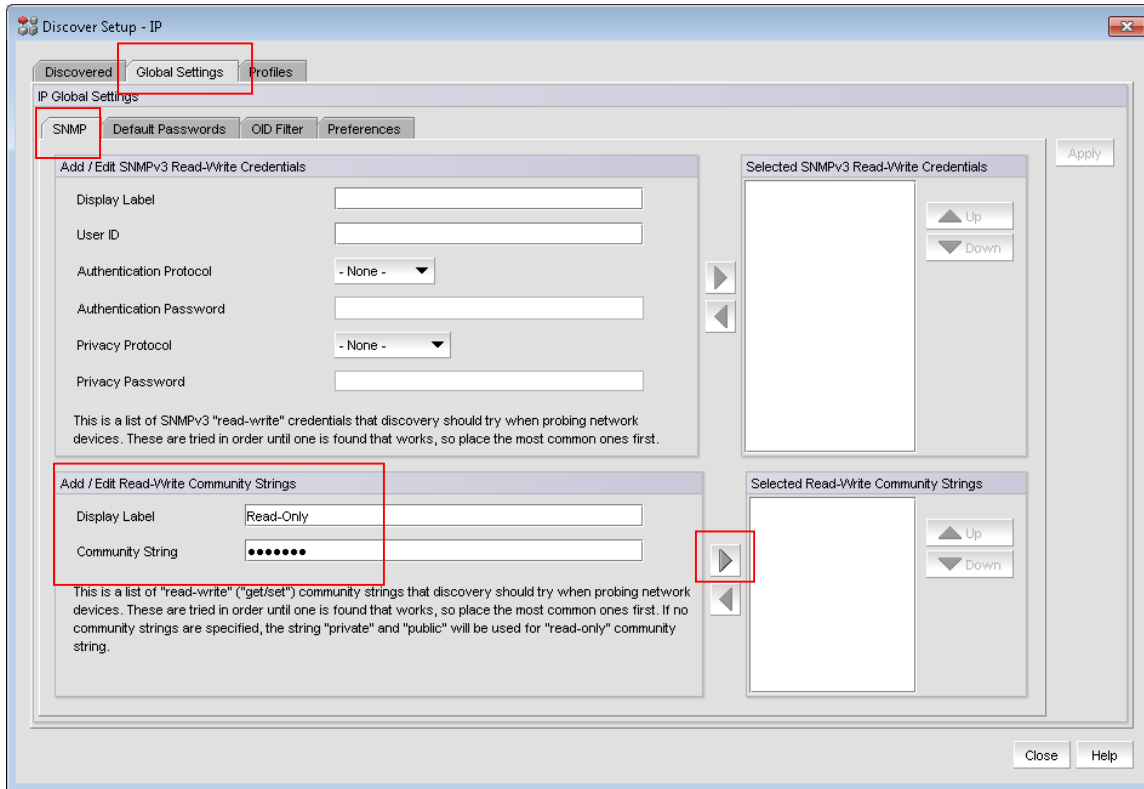
## Discovery for multiple devices on a subnet:

NOTE: It is best to scan no more than a 24 bit subnet at a time.

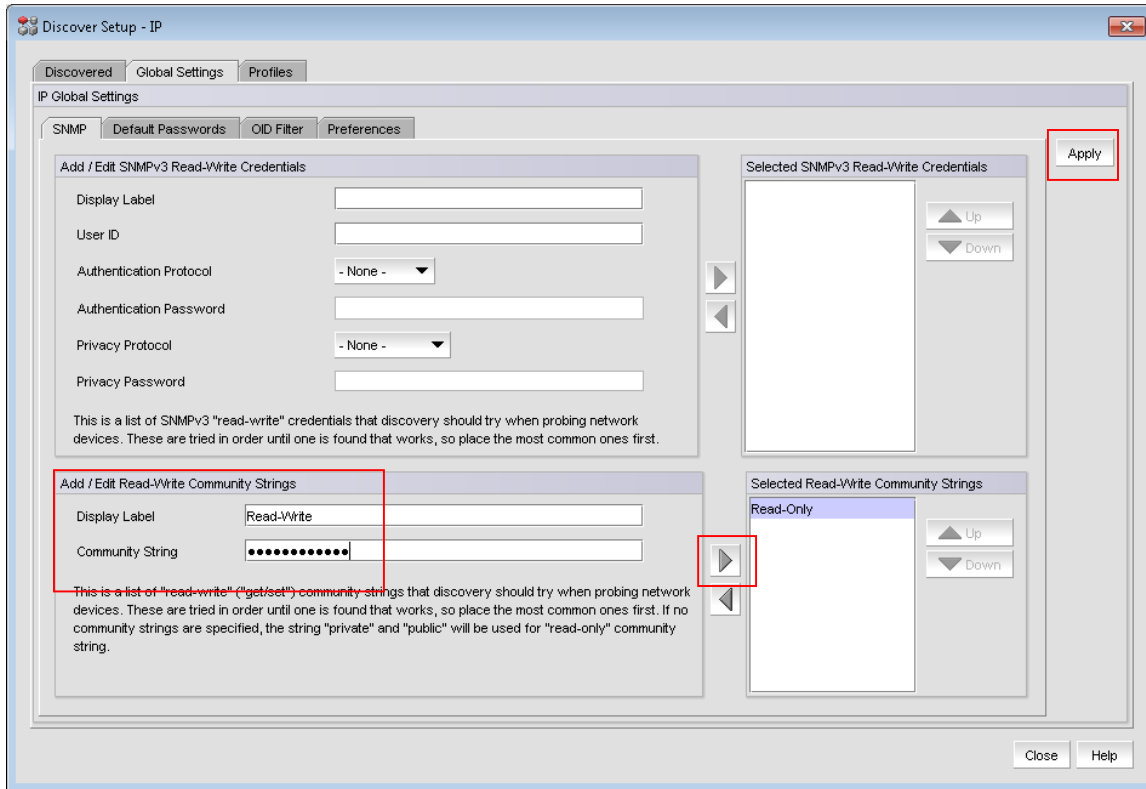
Go to Discover on the menu bar and select IP Products.



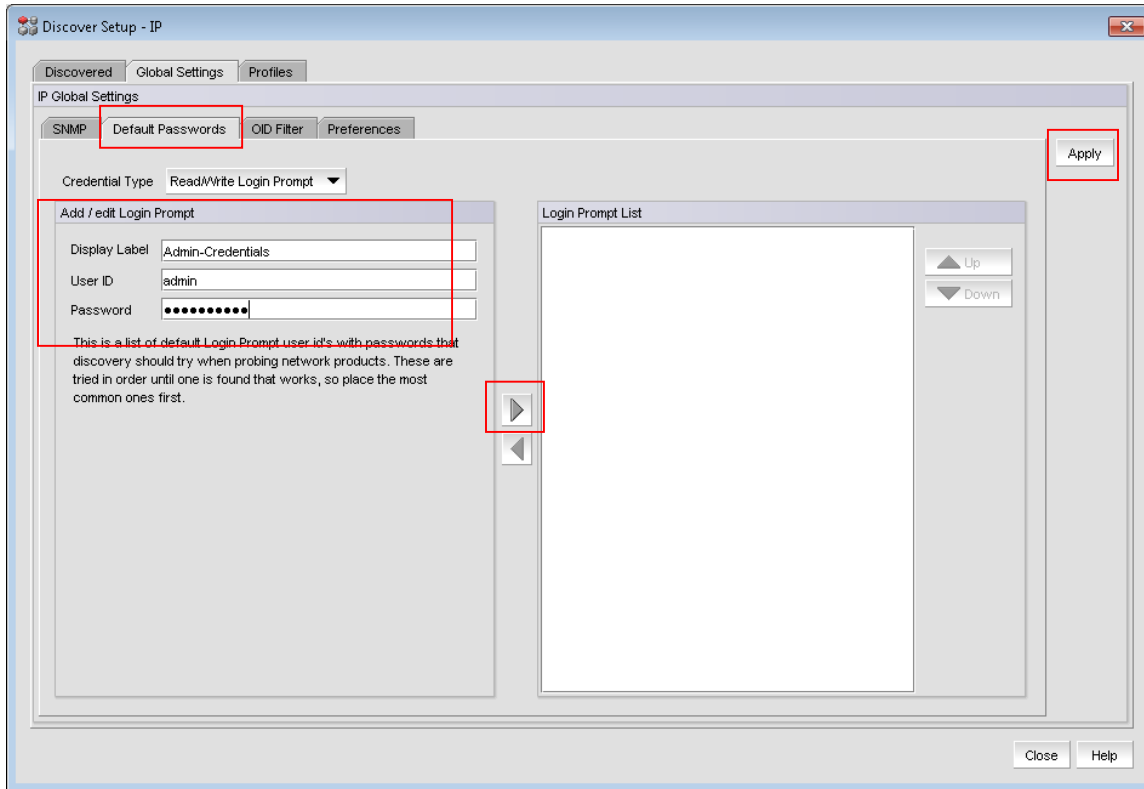
The Discover Setup – IP box will appear. Go to the Global Settings Tab Then SNMP Tab. Under the Add/Edit Community Strings, enter a label and the Read-Only Community string configured on your switches. Press the right arrow to add to the Selected Strings List.



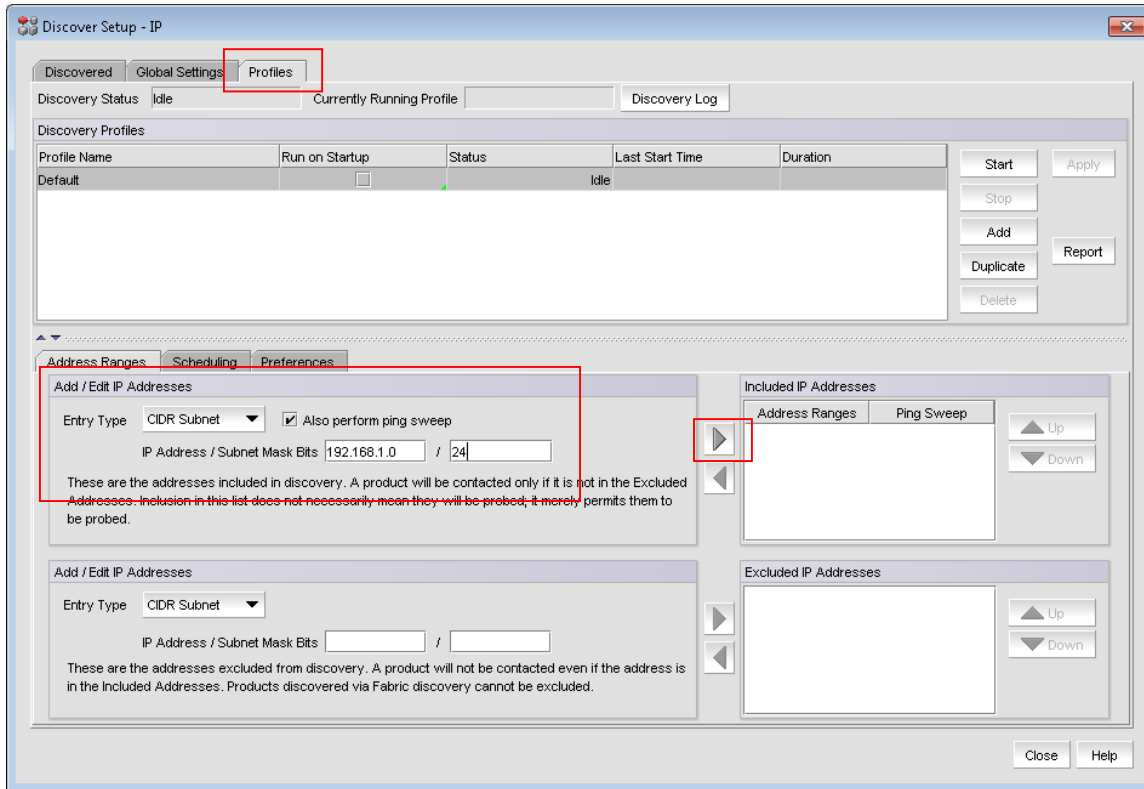
Under the Add/Edit Community Strings, enter a label and the Read-Write Community string configured on your switches. Press the right arrow to add to the Selected Strings List. Click Apply.



Now go to the Default Password Tab. Under the Add/Edit Login Prompt, enter a label, Username, and Password that is configured on your switches. Press the right arrow to add to the Login Prompt List. Press Apply.



Go to the Profiles Tab. Under the Add/Edit IP Address, enter a network and subnet to scan for configured switches. Press the right arrow to add to the Included IP Addresses List. Multiple subnets can be entered, but it will take longer to run the discovery.



Press Apply. To run the discovery now, press Start.

The screenshot shows the 'Discover Setup - IP' application window. At the top, there are tabs for 'Discovered', 'Global Settings', and 'Profiles'. Below these, the 'Discovery Status' is 'Idle' and the 'Currently Running Profile' is empty. A 'Discovery Log' button is also present.

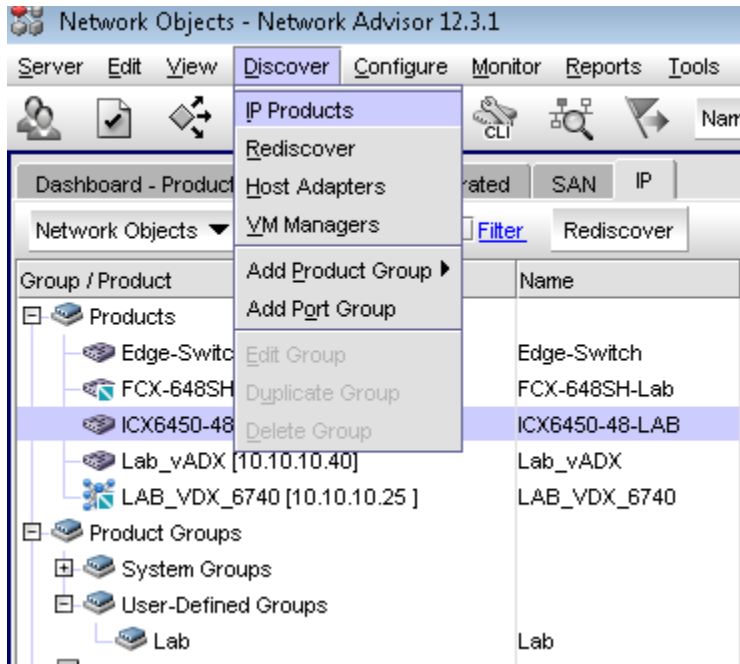
The main section is titled 'Discovery Profiles' and contains a table with the following columns: Profile Name, Run on Startup, Status, Last Start Time, and Duration. The table has one row with 'Default' as the profile name, 'Run on Startup' checked, 'Status' as 'Idle', and 'Last Start Time' as 'Idle'. To the right of the table are buttons for 'Start', 'Apply', 'Stop', 'Add', 'Duplicate', 'Delete', and 'Report'. The 'Start' and 'Apply' buttons are highlighted with red boxes.

Below the table, there are three sub-sections: 'Address Ranges', 'Scheduling', and 'Preferences'. The 'Address Ranges' section has two 'Add / Edit IP Addresses' panels. The top panel has 'Entry Type' set to 'CIDR Subnet' and 'Also perform ping sweep' checked. It includes input fields for 'IP Address / Subnet Mask Bits' and a list of 'Included IP Addresses' with columns for 'Address Ranges' and 'Ping Sweep'. The entry '192.168.1.0/24' is listed with 'Ping Sweep' checked. The bottom panel is similar but without the 'Also perform ping sweep' checkbox.

At the bottom right of the window are 'Close' and 'Help' buttons.

**To discover a single device:**

Go to Discover on the menu bar and select IP Products.



Click on the Add Button.

The screenshot shows the 'Discover Setup - IP' application window. It has three tabs: 'Discovered', 'Global Settings', and 'Profiles'. The 'Discovered' tab is active, displaying a table of discovered IP products. The table has columns for Products, Name, IP Address, Product Type, Serial #, Status, State, and Vendor. The row for 'ICX6450-48-LAB [10.10.10.20]' is selected. To the right of the table is a vertical toolbar with buttons for 'Add', 'Edit', 'Delete', 'Rediscover', 'Close', and 'Help'. The 'Add' button is highlighted with a red rectangular box.

Discovered Setup - IP

Discovered Global Settings Profiles

This tab lists all the discovered IP products. Products discovery can be started via Add button here or via a profile. Some IP products may appear here as a result of a Fabric discovery.

Discovered Products

Products	Name	IP Address	Product Type	Serial #	Status	State	Vendor
Edge-Switch [192.168.18.1]	Edge-Switch	192.168.18.1	Router	CTG2523K00N	Reachable		Brocade
FCX-648SH-Lab [10.10.10.21]	FCX-648SH-L...	10.10.10.21	Router	BCY2222F1AA	Not Reachable		Brocade
ICX6450-48-LAB [10.10.10.20]	ICX6450-48-L...	10.10.10.20	Router	BZU0417J00Y	Reachable		Brocade
Lab_vADX [10.10.10.40]	Lab_vADX	10.10.10.40	Load Balancer		Reachable		Brocade
LAB_VDX_6740 [10.10.10.25]	LAB_VDX_67...	10.10.10.25	Router		Not Reachable		Brocade

Buttons: Add, Edit, Delete, Rediscover, Close, Help



Enter the IP Address of the device to discover. Select the Also try these settings radio button to enter credentials. NOTE: If you have already done an automated discovery above, these credentials are already in the system and you should chose the Try only configured Discovery SNMP settings radio button.

The screenshot shows a dialog box titled "Add product" with a close button in the top right corner. The "Network Address" field contains "172.16.1.23". Under the "Credentials" section, the "Also try these settings" radio button is selected. A sub-dialog box is open, showing a list of SNMP options on the left and configuration fields on the right. The sub-dialog box has a title bar with "SNMP v3 Read/Write" selected. The fields include "User ID", "Authentication Protocol" (set to "- None -"), "Authentication Password", "Privacy Protocol" (set to "- None -"), and "Privacy Password". At the bottom of the main dialog are "OK", "Cancel", and "Help" buttons.

SNMP Option	User ID	Authentication Protocol	Authentication Password	Privacy Protocol	Privacy Password
SNMP v3 Read/Write		- None -		- None -	
SNMP v3 Read Only					
SNMP v1/v2c Read/Write					
SNMP v1/v2c Read Only					
Read/Write Credentials					

Select the SNMP v1/v2 Read/Write Tab and enter the Read/Write Community string configured on your switches.

The image shows a dialog box titled "Add product" with a close button (X) in the top right corner. The dialog contains the following elements:

- Network Address:** A text field containing "172.16.1.23".
- Credentials:** Two radio buttons:
  - Try only configured Discovery SNMP settings
  - Also try these settings
- SNMP Mode Selection:** A vertical list of five tabs:
  - SNMP v3 Read/Write
  - SNMP v3 Read Only
  - SNMP v1/v2c Read/Write (highlighted with a red box)
  - SNMP v1/v2c Read Only
  - Read/Write Credentials
- Community String:** A text field labeled "Community String" containing seven dots (•••••••), with a red box around the field.
- Buttons:** Three buttons at the bottom right: "OK", "Cancel", and "Help".

Select the SNMP v1/v2 Read Only Tab and enter the Read Only Community string configured on your switches.

The image shows a dialog box titled "Add product" with a close button (X) in the top right corner. The "Network Address" field contains "172.16.1.23". Under the "Credentials" section, the radio button "Also try these settings" is selected. A list of tabs is shown on the left, with "SNMP v1/v2c Read Only" highlighted by a red box. To the right of this tab, a "Community String" field contains a series of dots, also highlighted by a red box. At the bottom right, there are three buttons: "OK", "Cancel", and "Help".

Select the Read/Write Credentials Tab and enter the Username and Password configured on your switches. When done, press OK to discover the device.

The image shows a software dialog box titled "Add product". At the top left, the title bar contains the text "Add product" and a close button (X) on the right. Below the title bar, there is a text field labeled "Network Address" containing the value "172.16.1.23". Underneath, there are two radio button options for "Credentials": "Try only configured Discovery SNMP settings" (which is unselected) and "Also try these settings" (which is selected). To the left of the main configuration area is a vertical list of tabs: "SNMP v3 Read/Write", "SNMP v3 Read Only", "SNMP v1/v2c Read/Write", "SNMP v1/v2c Read Only", and "Read/Write Credentials". The "Read/Write Credentials" tab is currently selected and highlighted with a red box. The main configuration area contains two text input fields: "Login Prompt User Name" with the text "admin" and "Login Prompt Password" with a masked password represented by ten black dots. Both input fields are enclosed in a red rectangular box. At the bottom right of the dialog, there are three buttons: "OK", "Cancel", and "Help". The "OK" button is highlighted with a red rectangular box.