

How to Discover your Network within Workstation

Application Scenario :

The live network discovery function enables you to discover your network devices by a unique neighbor-walking method, and provides a granular view of your network infrastructure. The discovered devices are added to your workspace automatically. When your network is changed, for example, new devices are added into your network, you need to re-discover your network. Or when there is something wrong with a device, you may need to re-discover it.

Solution :

1. Open Live Network Discovery window

Click  button on **Start Page**, or click **Workspace** tab and then  icon in ribbon menu.

2. Select the discovery method

It is recommended to select **Discover via Seed Routers** option. NetBrain will discover the devices in your network from Seed Router(s) via neighbor relationship and next-hop.

Note: *Scan IP Range* option is for the discovery for some specified IPs or subnets.

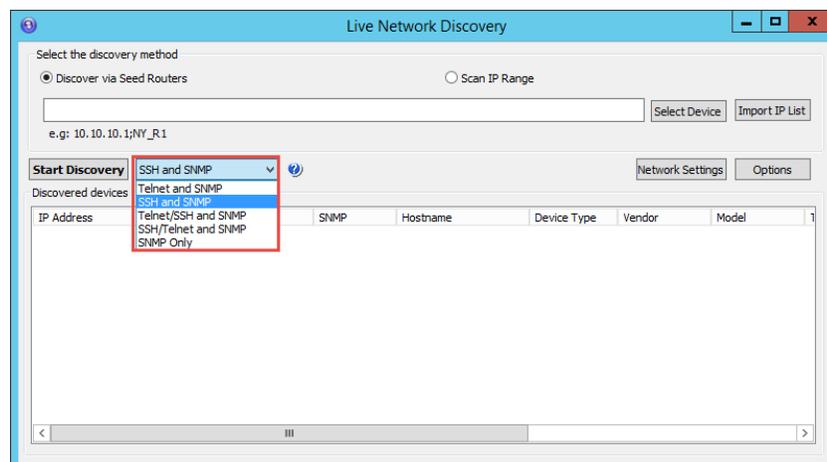
3. Add Seed Routers

Enter the IP of the core device in your network in the blank box.

Note: *If the core device is in your workspace, you could also click **Select Device** button > select core device >  button > **OK** button to set it as a seed router.*

4. Select an access method

Select an access method in the drop-down menu shown in the picture bellow.



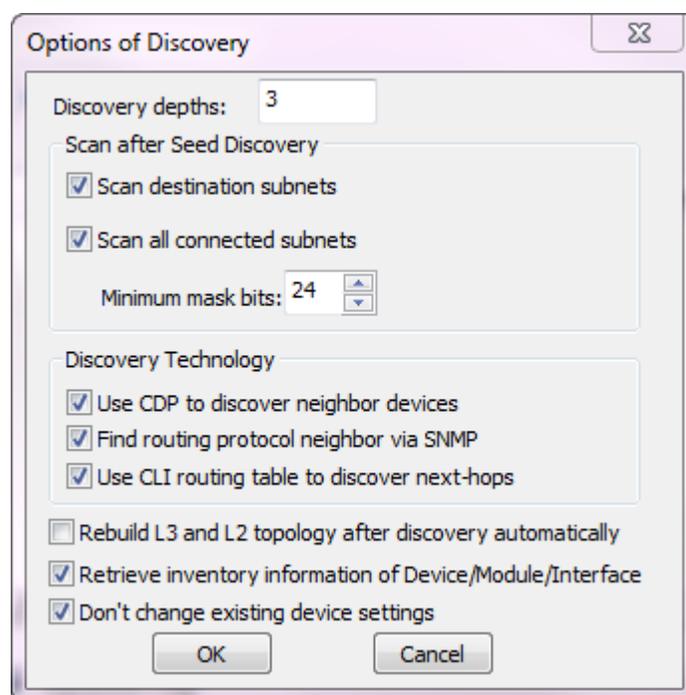
Note: You may get incomplete data via only SNMP for certain functions.

5. Choose credentials (optional)

Click **Network Setting** button > uncheck the unnecessary credentials for the discovery > click **Close** button.

6. Configure Options

Click **Options** button to open **Options of Discovery** window. Reference the recommended configuration in the picture bellow.



Notes:

- *Minimum mask bits: you could change 24 to another number according to your actual network.*
- *Rebuild L3 and L2 topology after discovery automatically: to shorten the discovery time in EE Workstation, the operation could be executed by Server Benchmark.*
- *Don't change existing device settings: If the option is unchecked, Shared Device Settings (restoring the management IP, access credential, access method and other information used to access devices) of devices discovered before will be overwritten by the result of this discovery.*

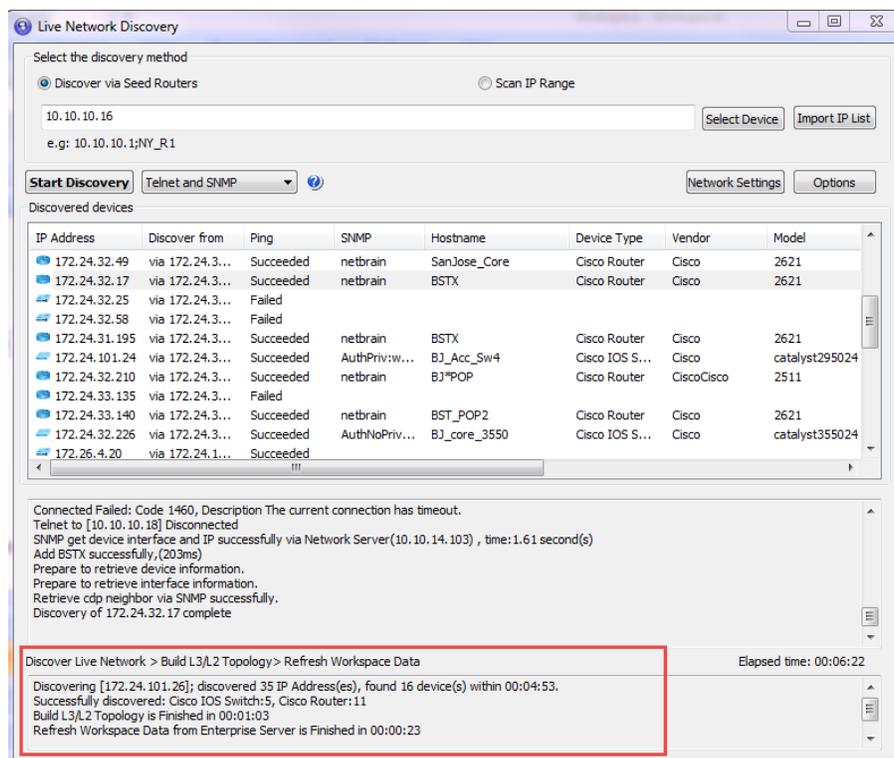
7. Start Discovery

Click **Start Discovery** button in **Live Network Discovery** window to start the discovery.

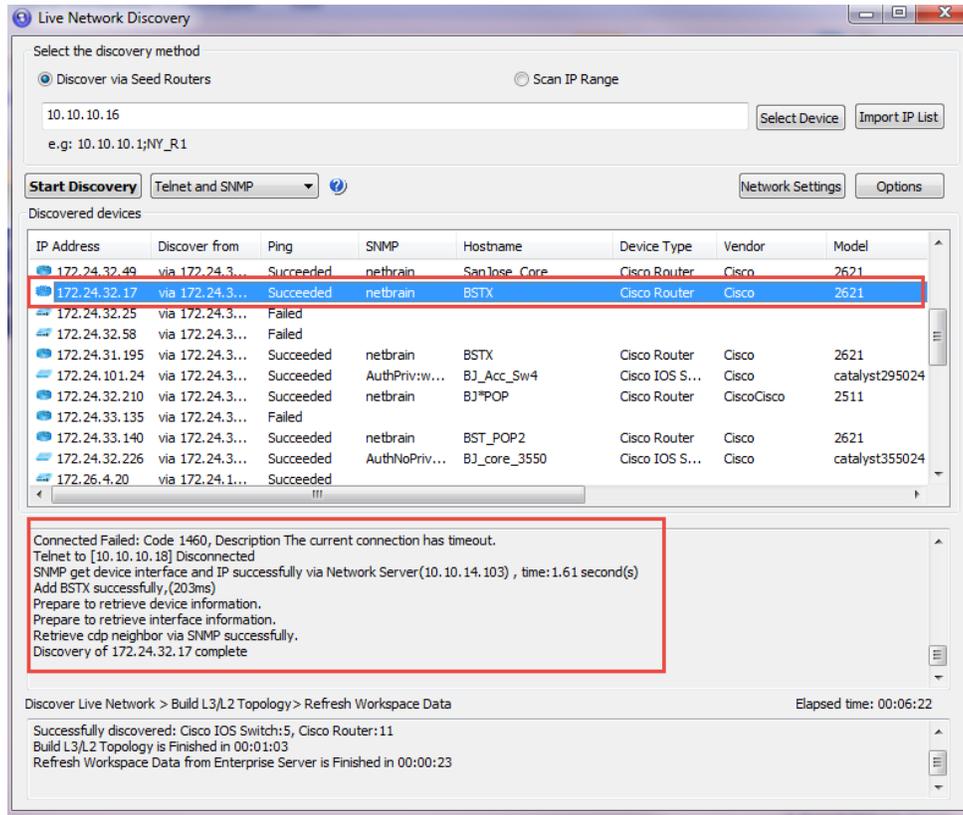
8. View Discovery Results

Click **OK** button when a dialogue box pops up showing the discovery is complete.

For the log of the whole discovery process, view it in the log field shown as the picture bellow.



To view the log of one device's discovery, select the corresponding item and view it in the log field shown in the picture bellow.



Note: If you find any problems when following these steps, please enter F1 on your key board to reference online help. Or you could also contact NetBrain support team at support@netbraintech.com.