



Build Many Maps from a Single Scan With SolarWinds® Network Topology Mapper (NTM)

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Having no network documentation in a complex network is one of the biggest headaches any network engineer can face. This is especially the case when planning network expansions, troubleshooting, or even merging with a new network—owing to merges and acquisitions. Having incomplete network documentation is even worse. Imagine if the network engineer is a new hire, or a time-bound network consultant that's on the move evaluating new networks.

Using IPCONFIG, PING, and TRACERT to manually map your complex network can be time consuming and a huge resource drain.

Using a variety of discovery methods (ICMP, SNMP v1-v3, VMware®, CDP, Microsoft® Hyper-V®, etc.), SolarWinds® [Network Topology Mapper](#) automatically discovers and maps all your network devices. Building many maps on the fly from a single scan, discovering multi-level networks, and auto-detecting changes to the network helps you maintain the most current network diagram, track hardware asset inventory, and automate report creation for complying with PCI, SOX, or HIPAA industry standards.

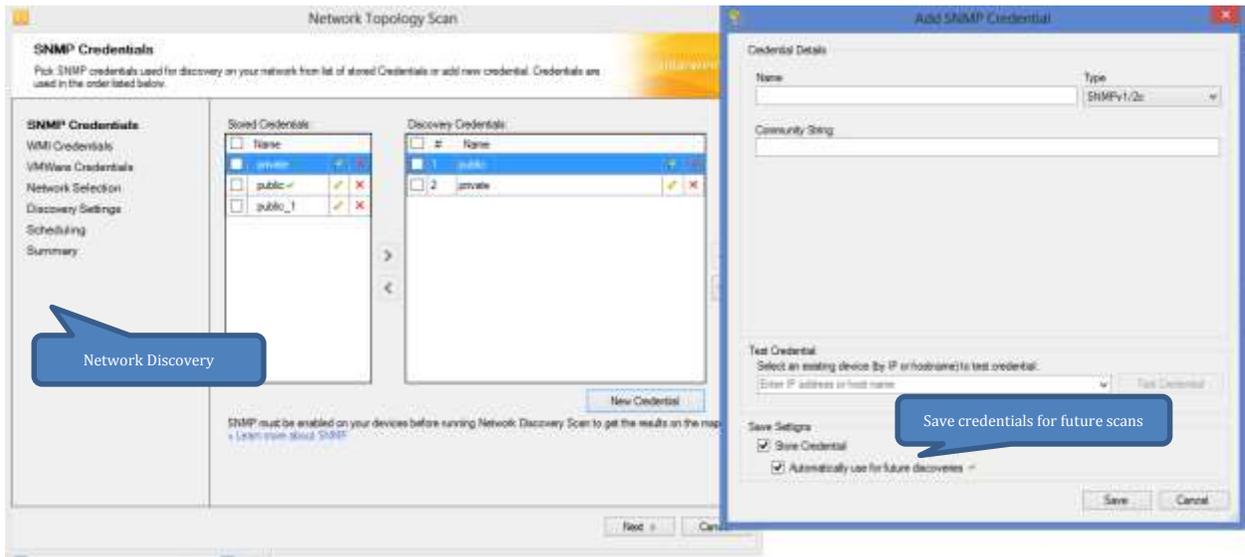
Building Many Maps With Network Topology Mapper

More often than not, when you discover and create a map of a huge network, you will also need to create smaller maps. If you have remote sites, you must be able to isolate your map for documentation or troubleshooting reasons. Network Topology Mapper helps you create multiple maps from a single scan (no rescanning required), which saves time and bandwidth resources.

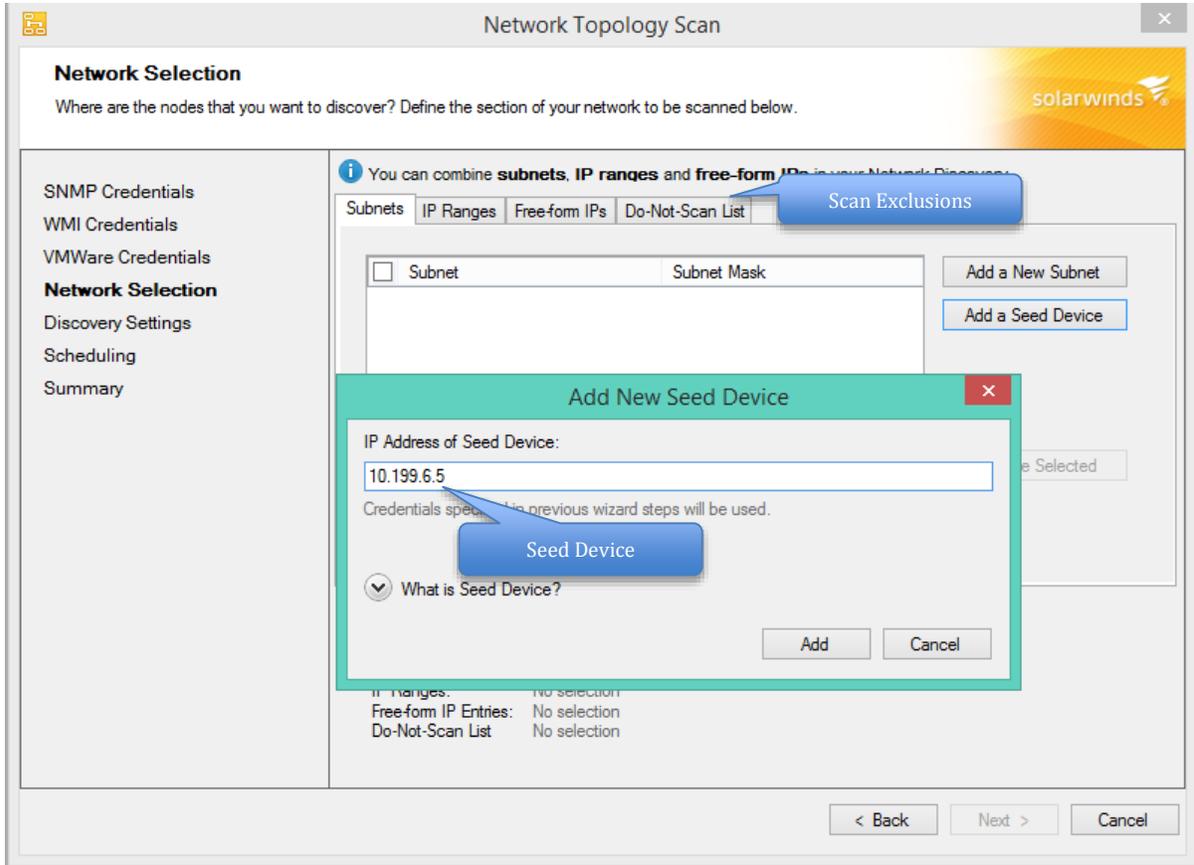
- Discover and map your network
- Select nodes of interest for the new map
- Arrange your new map
- Export to Visio®, PNG, or PDF

Step 1: Discover and Map Your Network

Click on **New Scan** to open an intuitive wizard that helps you input SNMP, WMI, or VMware credentials for discovering your network. You can also store these credentials and automatically use them for future network discoveries.

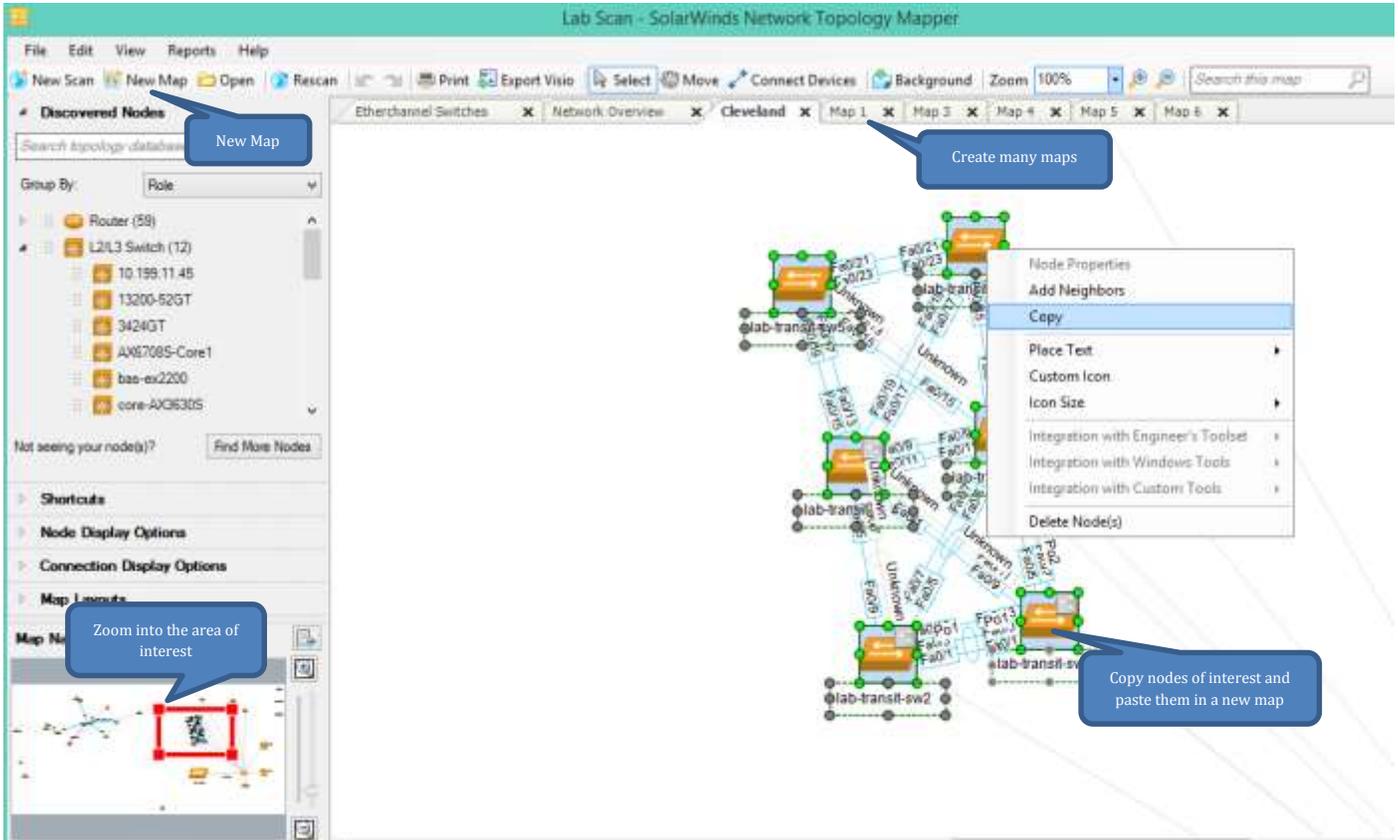


Once your credentials are ready, you can define the network to be scanned by keying in the seed device's IP address. This seed device is typically your core switch that is central to your network. Querying this opens a list of subnets to scan. You can also define a Do-Not-Scan list to exclude certain devices from the discovery process. Review the settings and create the map.



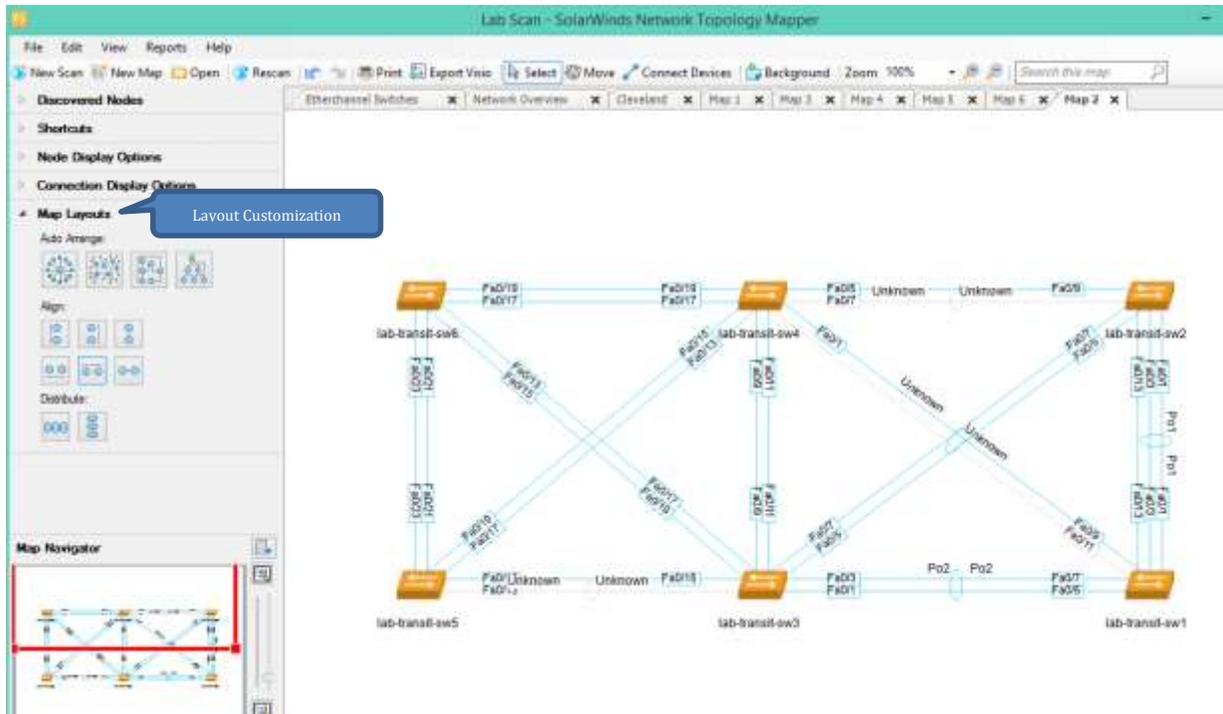
Step 2: Select Nodes of Interest for the New Map

Once the map is drawn, you can zoom in on a specific section of the map that you're interested in. Use your mouse to select the group of nodes you want, right-click, and select Copy. (You can select individual nodes by holding down CTRL.) After you copy the nodes, click on New Map, and paste the nodes.



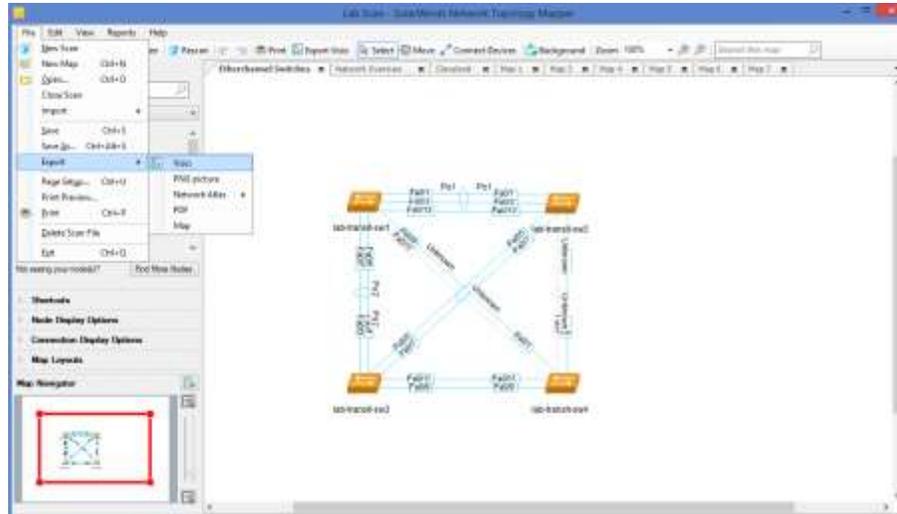
Step 3: Arrange Your New Map

After creating the new map, you can use NTM's intuitive Map Layouts to auto-arrange, align, and distribute the network diagram according to your requirements. The auto-arrange option in NTM helps you quickly arrange the maps into Radial, Symmetrical, Orthogonal, or Layered Graph layout. The picture below shows how the map selected in the previous step has been arranged using the Map Layouts option.



Step 4: Export to Visio®, PNG, or PDF

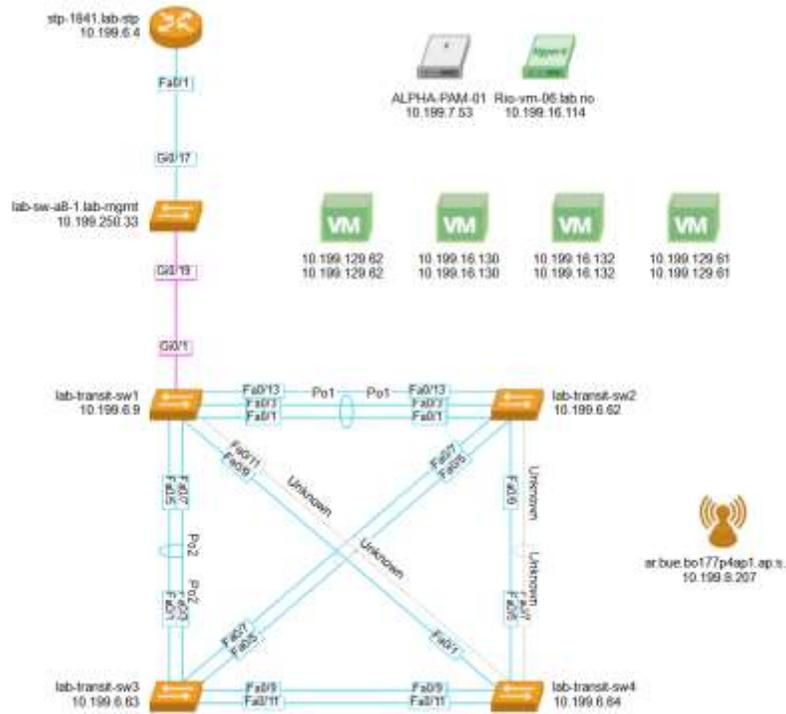
It's easy to provide clear and intuitive network diagrams and reports for your boss or compliance auditors with SolarWinds Network Topology Mapper. After creating the map, click File -> Export and select the desired output (Visio®, PNG, or PDF). If you're an expert with Visio®, you will immediately see how efficient and easy NTM is in automatically discovering and diagramming your entire network. After NTM does all the heavy-lifting and creates your map in .vdx format, you can open the same map in Visio® for further edits, if needed.



SolarWinds Network Topology Mapper helps save a lot of time by automating network discovery and mapping. You can also build many maps on the fly without the hassle of rescanning the entire network.

Key Reasons to Download SolarWinds Network Topology Mapper (NTM)

- Automated network discovery and diagramming
- Modular scanning - build many maps from a single network scan
- Out-of-the-box, customizable (resize, replace, align) industry-standard icons
- Do-Not-Scan list to define scan exclusions
- Multiple discovery methods - ICMP, SNMP v1-v3, VMware, CDP, Microsoft Hyper-V
- Credential management UI to automatically use stored credentials for future network discoveries
- Easily export to popular formats - Visio®, PNG, PDF (and Orion® Network Atlas)
- PCI, and HIPAA compliant network documentation
- Robust reporting tools - Inventory report, Switch Ports report, VLANs report, Subnets report, and a lot more.



Try SolarWinds® Network Topology Mapper FREE for 14 full days - no obligation. Test drive our 100% functional software and start diagramming your network the easy way.

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