

## NETWHISTLER 2.6

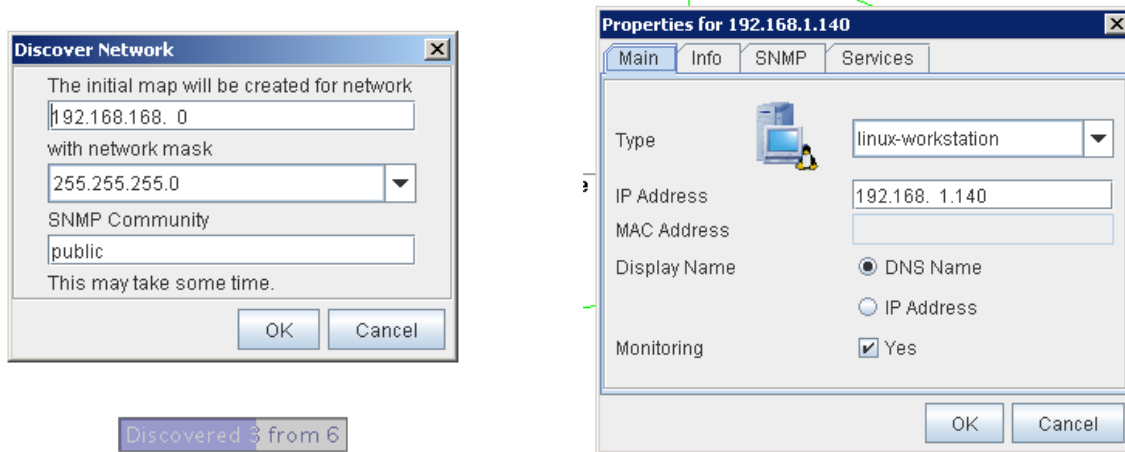
Netwhistler 2.6 is a easy to use Network monitoring software that offers integrated fault and performance management functionality.

This program auto-detects networks and presents them on graphical maps, which reflect up-to-the-minute device and host status. It includes powerful diagnostic tools including ping, main services (ftp, ssh, smtp, pop3, http) monitoring, portscan, email alerts, network discovery, SNMP tools (MIB browser and Trap Console for incoming SNMP traps from any SNMP-enabled device in the network ). Netwhistler can automatically scan a network in search of non-SNMP and SNMP-enabled devices that you want to manage in your network. Scanning parameters ( network address, network mask, SNMP community ) are fully configurable.

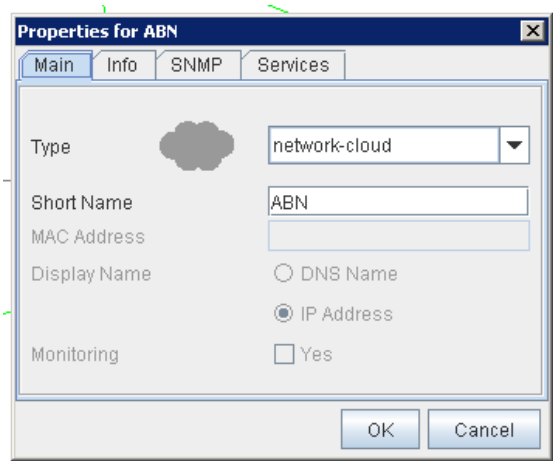
Once the discovery operation has been completed, the program displays a map of all devices along with basic information about them such as address, DNS name, MAC address and description. You can find or delete a node on the map, or change node properties. The map can be stored in a local file or in a MySQL database.

### WIZARD

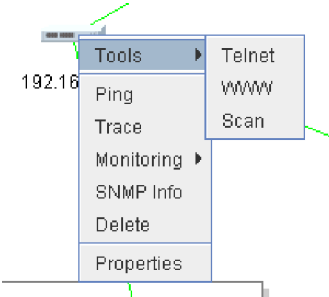
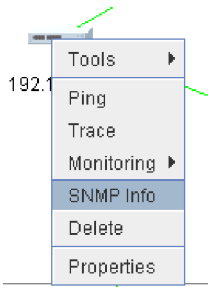
For creation of a your network map it is possible to use wizard. Probably also to create a map manually.



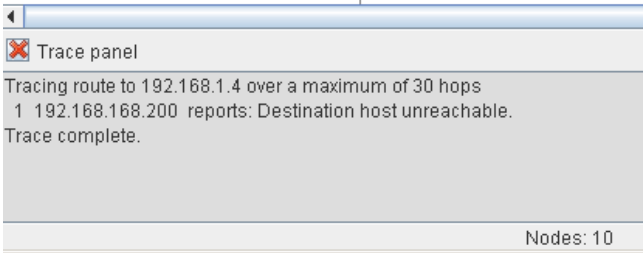
Creating a network map manually, add necessary nodes as shown in top right figure. The name of node can be shown on map as DNS name or IP address. Enable monitoring checkbox if needed. Enable checkbox on SNMP panel if the node supports SNMP. Use "hub" type for unmanaged nodes and "network-cloud" for networks. It is possible to add on a map some box. You can use various colors, shadow.



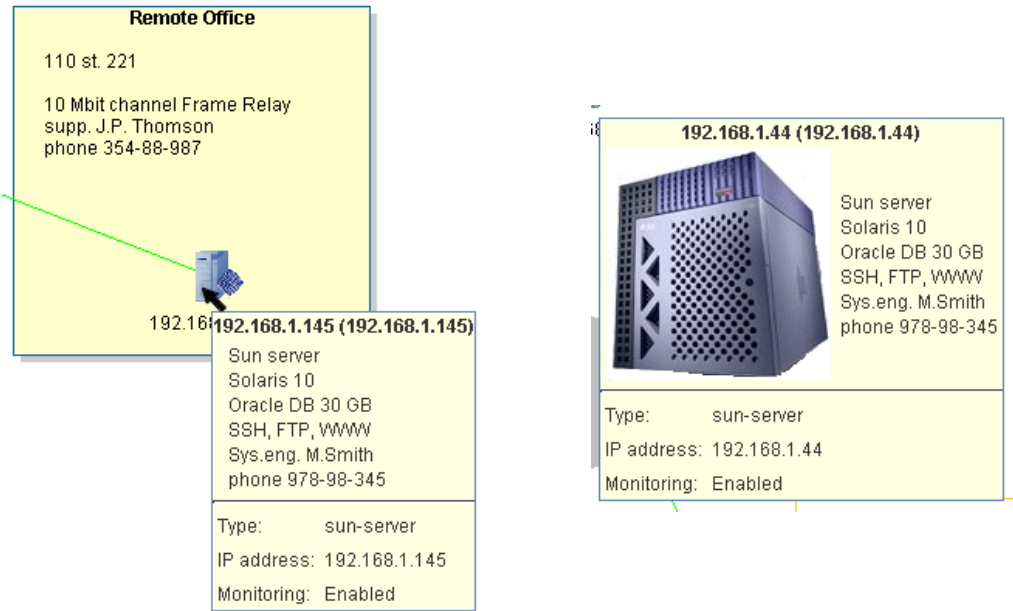
In SELECT mode you can move nodes, in CONNECT mode probably connect them. In MONITORING mode (or at pinging) if the node does not answer, it is represented in red color. You can connect to node with telnet or browser.



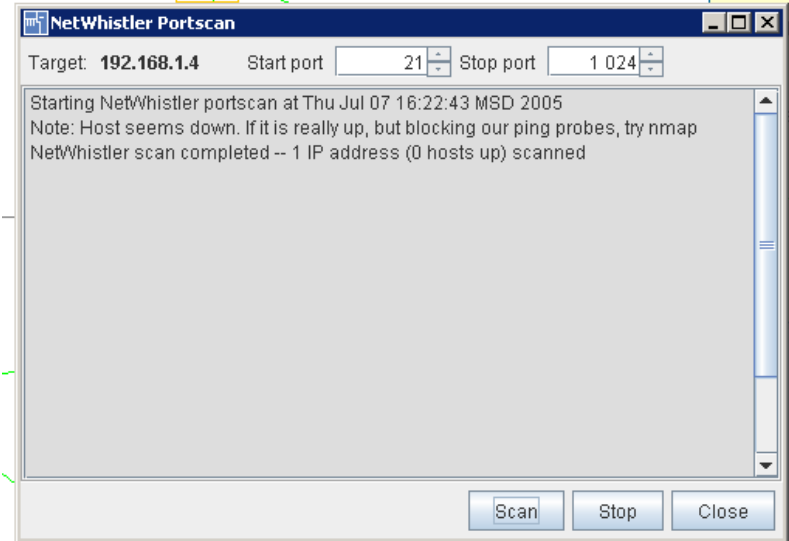
Trace panel:



All nodes and boxes all "info" tab in properties dialogue. Here it is possible to enter the text or insert image. It will be shown with ToolTip.



You can scan ports in your network with NetWhistler portscan tool ( TCP scan) ...



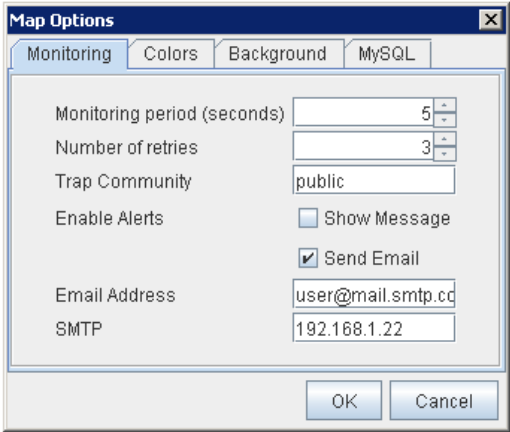
and check main services (SSH, FTP, POP3, SMTP, HTTP).



→ 100% (Refresh) 0.01

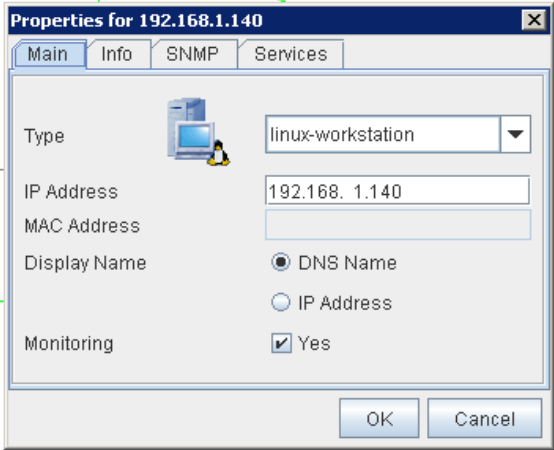
MAP OPTIONS

In map properties it is possible to include popup and email alerts and set community for Trap Console. In MONITORING mode you will receive notices on idle nodes by email. There will be also popup windows. Also it is possible to establish an ping interval. You can use colors ...



or background picture for your map. In "Map operations" dialogue you can replace dns names by IP or IP by dns.

You can change properties for each node on the map.



Monitoring results you can view in Log Console:

NetWhistler Monitoring Log Console			
Time	IP address	DNS name	Status
Thu Jul 07 16:11:57 MSD 2005	192.168.1.145	192.168.1.145	down
Thu Jul 07 16:11:57 MSD 2005	192.168.1.140	192.168.1.140	down
Thu Jul 07 16:11:57 MSD 2005	192.168.1.4	192.168.1.4	down
Thu Jul 07 16:11:57 MSD 2005	192.168.1.222	192.168.1.222	down
Thu Jul 07 16:11:57 MSD 2005	192.168.1.10	192.168.1.10	down
Thu Jul 07 16:11:57 MSD 2005	192.168.1.23	192.168.1.23	down
Thu Jul 07 16:11:57 MSD 2005	192.168.2.11	192.168.2.11	down
Thu Jul 07 16:11:57 MSD 2005	192.168.2.77	192.168.2.77	down

SaveClear LogClose

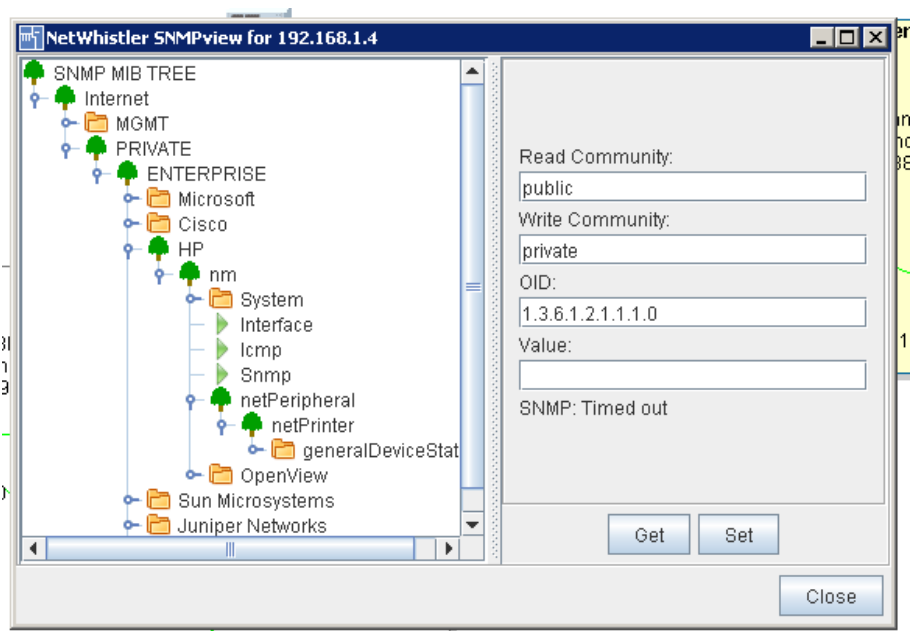
Sample Map status (Monitoring disabled) :

NetWhistler Map Status								
IP address	DNS name	Info	MAC address	Node type	Monitoring	Status	Up Time	SNMP
192.168.1.145	192.168.1.145	Sun server S...		sun-server	Yes	n/a	n/a	No
192.168.1.140	192.168.1.140	Sysadm Linu...		linux-workstat...	Yes	n/a	n/a	No
192.168.1.4	192.168.1.4	3Com Super...		3com	Yes	n/a	n/a	Yes
192.168.1.222	192.168.1.222	Gateway to A...		cisco	Yes	n/a	n/a	No
ABN	n/a	ABN Provider ...	n/a	network-cloud	n/a	n/a	n/a	n/a
192.168.1.10	192.168.1.10			d-link	Yes	n/a	n/a	No
officehub	n/a		n/a	hub	n/a	n/a	n/a	n/a
192.168.1.23	192.168.1.23			windows-ser...	Yes	n/a	n/a	No
192.168.2.11	192.168.2.11	SecurePoint ...		firewall	Yes	n/a	n/a	No
192.168.2.77	192.168.2.77			freebsd-server	Yes	n/a	n/a	No

Nodes on map: 10 Monitoring disabledClose

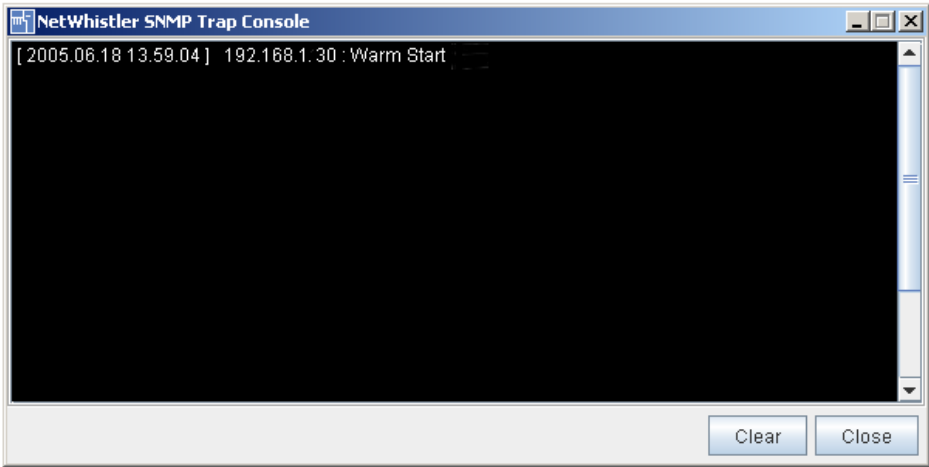
**SNMP**

If the node supports SNMP, it is possible to use MIB browser (GET and SET supported):



You can add OID values necessary for your network discovery in a file "nodes.xml".

You can also run Trap Console:



**MySQL**

- 1 . Install MySQL server.

- 2 . Copy the jar file named mysql-connector-java-3.1.8-bin into the JRE folder (i.e. C:\Program Files\Java\jre1.5.0\_02\lib\ext )
- 3 . Create database for Netwhistler with any name( i.e. NETMAPS):  
mysql> CREATE DATABASE NETMAPS;
4. Create user for this DB and grant all rights:  
mysql> GRANT SELECT,INSERT,UPDATE,DELETE,CREATE,DROP ON NETMAPS.\* TO 'user'@'localhost'  
IDENTIFIED BY 'password';

Now you can save your map in MySQL database.

In "Map operations" dialogue you can define server address, db name, login and password for MySQL database.

The image shows two side-by-side screenshots of Netwhistler dialog boxes. The left dialog, titled 'Map Options', has tabs for 'Monitoring', 'Colors', 'Background', and 'MySQL'. The 'MySQL' tab is selected, showing fields for 'Server address' (localhost), 'Database name' (maps), 'User' (user), and 'Password' (masked with asterisks). It has 'OK' and 'Cancel' buttons at the bottom. The right dialog, titled 'Open map from MySQL', has fields for 'Server address' (localhost), 'Database name' (maps), 'User' (user), 'Password' (masked with asterisks), and 'Map name' (office). It has 'Connect' and 'Cancel' buttons at the bottom.

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