



The purpose of this document is to provide you with some steps to successfully integrate a PacketShaper into CastleRock Network Management System. There are several Management Tools out in the field, but some of them are very expensive, others don't do their job, as they promised.

Because I use already some SNMP managed Equipment, it was quiet easy to find the answer for an NMS I could use in my moveable lab, which I usually use for Partner Workshops.

To download an Evaluation Copy or buy it, just go to www.castlerock.com

The installation is pretty straight forward. There are 3 options out of the installation package to install:

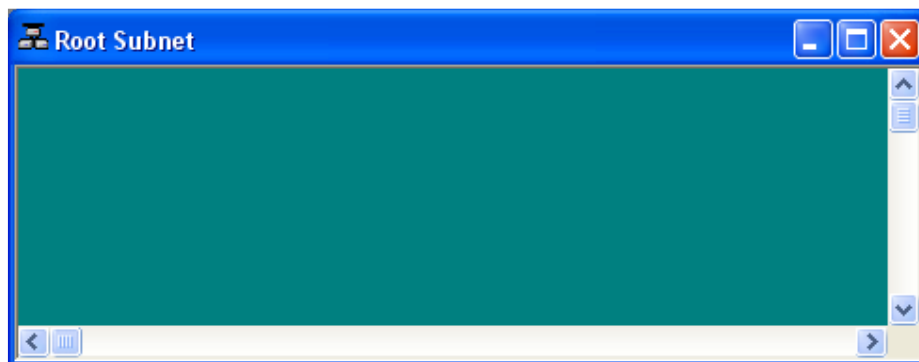
- Server – Workgroup/Enterprise Base System
- Console – Enterprise Remote Console
- Poller – Enterprise Remote Poller

I've used the Server Option. I don't go into all installation details, because there is a 10-page Evaluation Guide included, which tells you in an easy way to use their product.

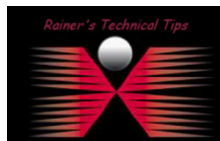
When installation has been completed, restart your PC and run SNMPc

Discover your Network

When starting SNMPc, this is what you see in the first time. Next, you will start with Discovery to add devices into the subnet.



On the Menu Bar, click on CONFIG – DISCOVERY/POLLING

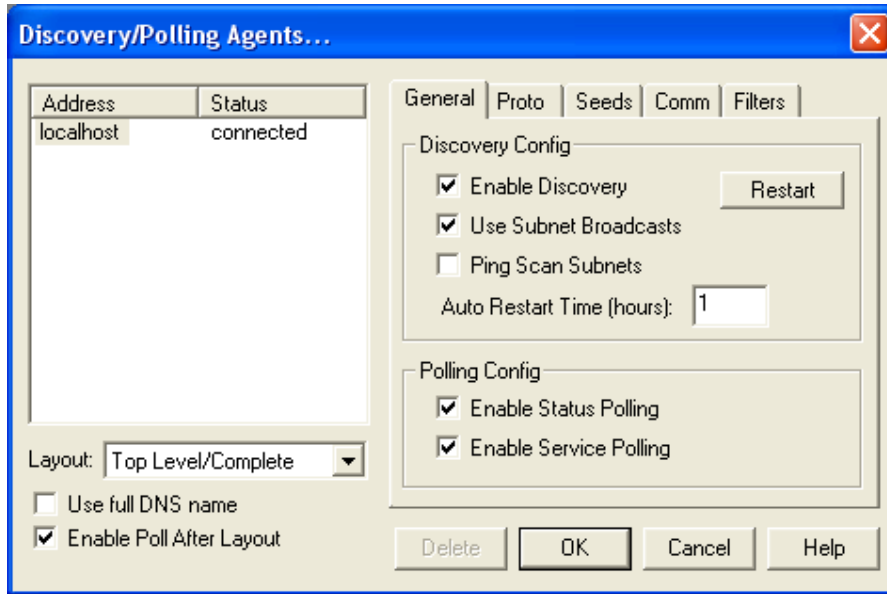


DISCLAIMER

This Technical Tip or TechNote is provided as information only. I cannot make any guarantee, either explicit or implied, as to its accuracy to specific system installations / configurations. Readers should consult each Vendor for further information or support.

Although I believe the information provided in this document to be accurate at the time of writing, I reserve the right to modify, update, retract or otherwise change the information contained within for any reason and without notice. This technote has been created after studying the material and / or practical evaluation by myself. All liability for use of the information presented here remains with the user.

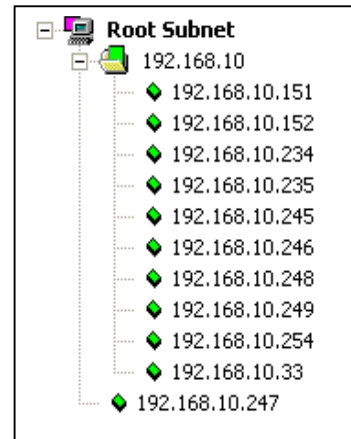
Make sure, you have Discovery enabled.



If you have a host based firewall on the system, make sure you allow the discovery feature

When done with discovery, you will see a couple of your devices.

One of them, is my PacketShaper. As I want also to identify the device with it's own icon, I've created a Squirrel and Shaper Icon.



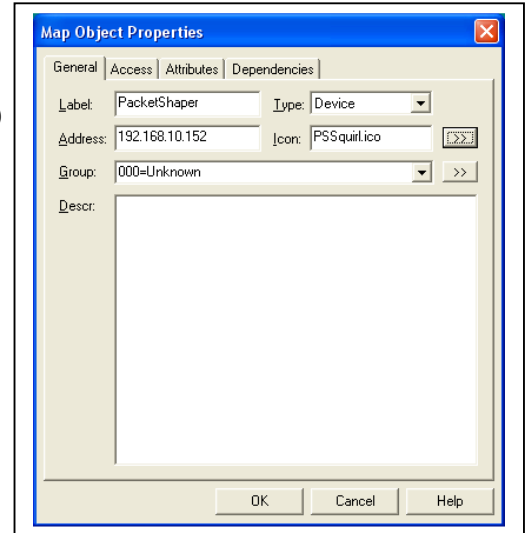
If you create you own ICONS, make sure that color depth is set to 16 colors. Save the icons into BITMAPS directory. Other locations won't be used.

Usually, the directory is located in: \Program Files\SNMPC Network Manager\BITMAPS

Manually adding PacketShaper to the Map

If you want to add PacketShaper Manually go to the Menu Bar, choose **INSERT – MAP OBJECT – DEVICE**

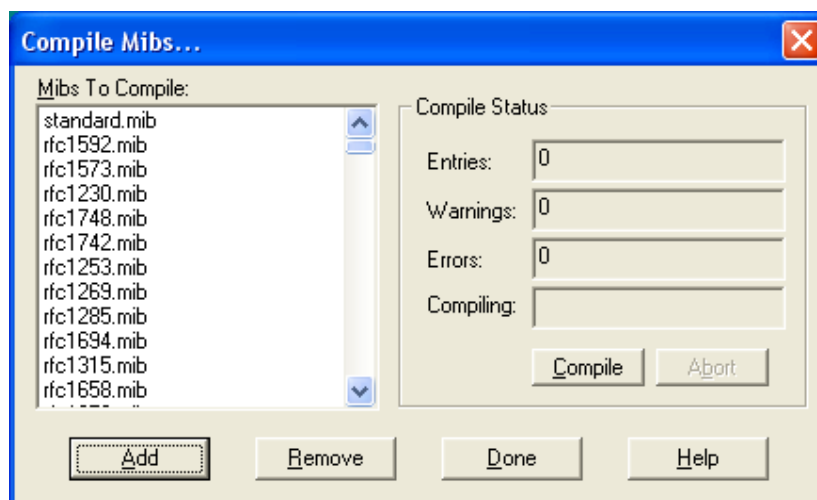
Provide a Label, IP Address and choose an icon of your own.



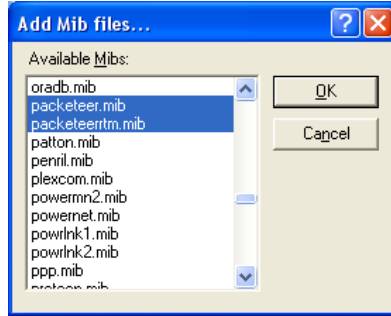
Add Packeteer MIBs to SNMPc

You can download the MIB Files from: http://www.packeteer.com/support/util_main.cfm . Just make sure, you choose the corresponding MIBs to installed PacketWise Version.

- 1 - SNMPc is expecting the mib file to have a '.mib' suffix. If your file ends in '.txt' or '.my' you can normally just rename them.
- 2 - Save the mib files to the SNMPc - mibfiles sub-directory. Assuming that you accepted the installation defaults the complete path will be C:\Program Files\SNMPC Network Manager \mibfiles
- 3 - From within the SNMPc console select the **Config - MIB Database...** Menu



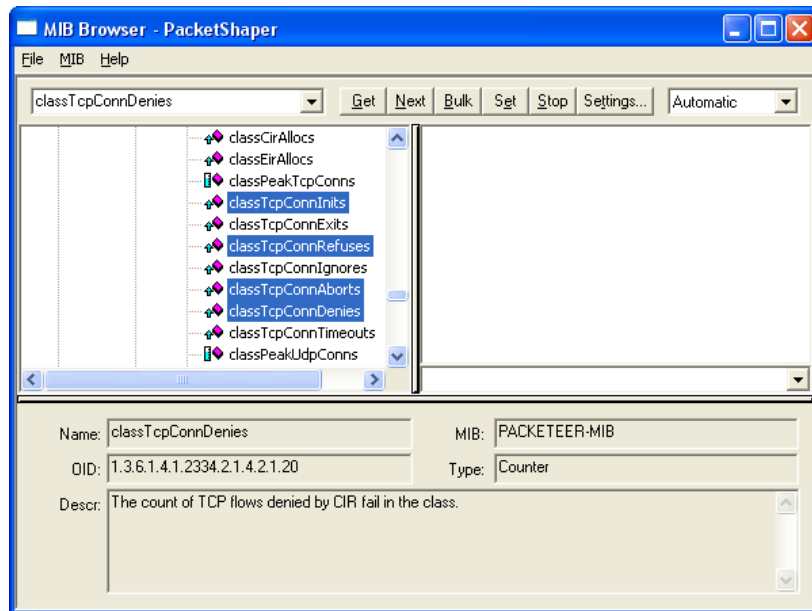
4 - Select *Add* and then highlight the names of your MIB files. You can highlight multiple files by pressing and holding the CTRL key. Select *OK* when you have highlighted all the MIB's that you wish to add.



5 - Select *Compile*. Any Errors or Warnings will be saved to the History section of the Log file. Select the History TAB under the event listing and scroll up to view a description of any errors. Errors with MIB compilation are displayed in white.



When done, the MIBs are corresponding to your PacketShaper Device, based on OIDs. There is a MIB Browser, where you can define, what values, you would like to see. Go to TOOLS – MIB BROWSER and scroll down the private MIB to packeteer



This is just one example you can get.

Index	629192866	630731936	659833675	671306713	683760520	693894432	693894433	699305019	699692181
TcpConnDenies	0	0	0	0	0	0	0	0	0
TcpConnAborts	7	0	0	0	0	0	7	0	0
TcpConnRefuses	3	0	0	0	0	0	0	0	0
TcpConnInits	129	8	0	0	0	0	52	0	0
Name	SSL	Skype	DHCP	RIP	ActiveX	DNS	DNS	RTSP	VPN-Traffic

For a full documentation regarding SNMP description, go to:

http://www.packeteer.com/support/resources/SNMPGuide_v_7.1.x.pdf

Finally, here's a sample map with several devices integrated in my testlab.

