

Network Monitoring and Management
Final Exam

- 1.) What command can you use on a Cisco router to see the running configuration?
 - show run? []
 - enable? []
 - copy startup run []
- 2.) What was the SNMP read-only community string (password) used on our routers in class?
- 3.) What is the best operating system to use to monitor and manage your network?
 - UNIX []
 - Linux []
 - Windows []
 - Other []
- 4.) Please draw lines from the core functionality on the left to the Network Monitoring software on the right that best corresponds.
 - Performance X X Nagios
 - Reliability X X SmokePing
 - Availability X X Cacti
- 5.) Your DSL or Wireless link is not stable. Name two tools that you could use to determine what is going on.

Why did you pick these tools?
- 6.) If you have two 100 Mbps circuits, which are:
 - a.) 1 km of optic fiber
 - b.) Via satellite with a distance of 35,000 km between the base and the satellite

For two packets of the same size which will have the larger transmission delay?

Circuit a []

Circuit b []

Neither []

Propagation delay?

Circuit a []

Circuit b []
- 7.) What type of data does NfSen process to display information about traffic on a router or switch?
 - NetFlow flows []
 - UDP packets []
 - icmp echo requests []
- 8.) Can RANCID store configuration information for devices other than Cisco devices?
 - Yes []
 - No []