

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.) Do the size of the RRA files that are used to graph in Cacti, Observium, Smokeping and NfSen grow over time?

Yes [] No []
- 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 []
Neither []
- 7.) What type of data does NfSen process to display information about traffic on a router or a switch?

NetFlow flows []
UDP packets []
icmp echo requests []
- 8.) Can RANCID store configuration information for devices other than Cisco devices?

Yes [] No []
- 9.) Is the UDP protocol a connection-oriented [] or connectionless protocol []? Check one.
- 10.) Is this a good, or bad thing? Yes [] No [] Depends []