



Network Optimization

IP SLA and Enhanced Object Tracking



What is IP SLA?

- + Allows tracking of IP service levels by using active traffic monitoring
 - + Router generates packets to check service levels
- + Used to measure and verify service levels
 - + E.g. QoS
- + Uses different types of probes depending on the application being monitored
 - + ICMP
 - + TCP
 - + UDP
- + Can be tied into Enhanced Object Tracking to take actions
 - + E.g. reliable static routes





Network Optimization

Flexible Netflow



What is Flexible Netflow?

- + Netflow provides statistics on packets flowing through the router
- + Used for network & application monitoring, capacity planning, security analysis, accounting etc.
- + Netflow configuration steps
 - + Create a flow record
 - + Configure a flow exporter
 - + Create a flow monitor
 - + Apply flow monitor to link
- + Verified locally as **show flow monitor FLOW-MONITOR-1 cache**

