

Network Based Reporting

Fact Sheet

What is Network Based Reporting (NBR)?

Network Based Reporting (NBR) is an essential component of the network architecture, providing a detailed description of your network health and performance. It helps to ensure that your network is always at the optimal level.

Why do I need Network Based Reporting (NBR) for my business?

Your IT infrastructure acts as the foundation of your dynamic business. You can always rely on this web-based application to guarantee 100% availability. It provides a real-time view and analysis of all mission-critical, SNMP-enabled devices. With this easy-to-use application, you can drill-down and identify key problem areas affecting your network performance.

How can I access Network Based Reporting?

The NBR is sent out via email on a monthly basis. However, if you need the report at any given time, the report can easily be accessed via **eView™**, our award-winning client management portal. To request a demo for eView or NBR, please click [here](#).

Does End to End Networks offer additional key reports?

Yes. Other key reports that End to End Networks provides are: Advanced Network Reporting and Advanced Performance Reporting.

Advanced Network Reporting

Improve Multiservice Performance: Converged networks with combined voice, data, and video requirements can use the available "IPSLA" report for performance measures. It tracks delay, jitter and packet delivery in private networks that are running quality of service (QoS) for real-time and/or critical applications, such as voice and video. This report is used to determine if application performance has been compromised and includes a MOS (Mean Opinion Score) option.

Advanced Performance Reporting

Drill-down to the Application: NBAR (Network Based Application Recognition), a feature of the Cisco IOS Routing Platforms, is used to report on applications running across any interface. NBAR applies quality of service (QoS) features to ensure bandwidth usage fulfills business objectives.

"If your network is under-performing, so are your people – and that is a cost to your business."

-Wayne Cook, President, End to End Networks Inc.

What are the key Benefits of Network Based Reporting?

- ✓ **13 Month Network Trending:** NBR provides a network summary which is a high level 30-day overview and a 13 month trend report. By reviewing these statistics, you can always plan ahead to reach your performance objective.
- ✓ **Performance Monitoring of Mission-Critical Applications and Interfaces:** A feature called "Device Accessibility" is available on NBR. All SNMP-enabled devices are polled 1,440 times a day to ensure connectivity to End to End Networks' monitoring systems. This report depicts the top five mission-critical applications and interfaces that require attention.
- ✓ **Remove Bandwidth Bottlenecks:** NBR has the capability to collect inbound and outbound bandwidth statistics, as well as available bandwidth per location. By measuring and monitoring the amount of data transferred over your network, you can detect which applications are increasing your bandwidth usage and slowing down your connections. High bandwidth utilization can also be an indicator of a virus infecting your network.
- ✓ **Improve CPU and Memory Utilization:** As data is transferred over the network, CPU utilization is required for the transfer. High CPU utilization will cause the device to allocate less power to all other tasks being performed simultaneously, resulting in slowness. With the feature called "Hardware Utilization", the reporting engine will poll all devices every minute and take a snapshot of the CPU and Input/Output Memory during each interval. The top five devices that are being over-utilized will be displayed. These can be an indicator of a virus within the network or a need for upgrades.
- ✓ **Meet Software Version Compliance Standards:** NBR can distinguish which devices are compliant and non-compliant which eases the stress of constant network audits. The software revision in parenthesis for each device is based on End to End Networks' experience of stable and functional hardware operating systems.
- ✓ **Customize Search Parameters:** Polling on all devices runs at one minute intervals. By using NBR, you can customize your search and drill-down on this real-time information. Real-time and historical data are available in a graphical and tabular format and can be exported to Microsoft Excel.



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