

LOCAL AREA NETWORK ASSESSMENT

Service Summary: The ACR local area network Assessment service provides detail reporting of the performance of your corporate enterprise LAN infrastructure. The information is collected over a x-day period using console access to all routers and switches. The main goals of this service are to provide the information required to understand the current performance and error conditions of your Local area network.

Features and Benefits: Local area network assessment service provides the following features and benefits:

- A complete understanding of the local area network topology
- Identifies routers that are over utilized or performing poorly.
- Current spanning-tree configuration
- Identifies any speed/duplex mismatches on the LAN

Approach:

This ACR service independently looks into the cpu and link utilization on all Cisco routers. As well as, collisions, crc errors, late collisions...etc in the Local area network switched environment. These parameters better assist you in determining what part of the network is in need of more in-depth attention.

Key Deliverables:

Local area network Assessment service delivers the following:

- Router utilization reports. Describing router configuration in regards to utilization
- Technology Assessment reports.
- Local Area Network Visio diagram depicting the network topology.
- Local area network error report pointing out trouble spots in the LAN.
- Recommendations Report for upgrading and performance enhancement steps.

Service Requirements:

To conduct a Local Area Network Assessment service, ACR requires the following:

- A list of mission critical applications and the location of the offices that use them.
- Currently perceived application performance problems
- IP Address scheme and an available IP address and default gateway for a pc in accordance with the addressing scheme.
- Access to privileged mode on all Cisco routers and all switches/hubs.