Network Infrastructure Assessment

Overview
Today’s networks are becoming increasingly complex. Support for critical enterprise applications and real-time applications and converged communication systems have created unparalleled expectations for network availability and performance. A network assessment can answer questions such as:

• Is my network ready to handle voice and/or video traffic?
• Is my WAN right-sized and performing properly?
• Who is using my network the most and for what?
• Are we properly positioned with our network to handle new demands from our business?

Insight’s Network Assessment service will help you ensure your network is operating at peak efficiency and is ready to support your business. Network Infrastructure Assessments utilize industry best practices, best in class tools and a proven methodology that produces actionable recommendations for network remediation and improvements.

Benefits
An Insight network assessment is an in-depth evaluation of your enterprise network’s structure, configuration and performance that provides benefits including:

• Optimizing your infrastructure for availability and performance by leveraging industry best-practices against the business needs of your specific enterprise
• An inventory of your network devices, hardware and software and a review to ensure currency and supportability
• Readiness to support real-time applications such as unified communications (UC) and collaboration (e.g., telephony, IP Video and telepresence), contact center, ERP or CRM
• Improve maintainability for troubleshooting operation

Offerings
• Network Assessment, includes:
  • Network device hardware and software discovery and inventory
  • Network topology
  • Reporting on performance (utilization, errors) of network devices and ports
  • Identification of issues and recommendations for remediation
  • Optional network device configuration analysis
  • Optional identification of network top talkers and top applications running on the network

OUR PROVEN METHODOLOGY
An Insight Networking Network Assessment consists of three key phases:

• Network Architecture Assessment
  A holistic review of the network architecture and design. We compare the current environment to proven reference architectures and real-world Insight Networking experience.

• Configuration and Stability Assessment
  We perform a detailed review of individual device configuration and compare them to industry best practices. We analyze the existing operational state of the network to assess overall stability and reliability. We provide a comprehensive assessment of the current state and detailed recommendations for improvement.

• Network Performance Analysis
  We deploy advanced software tools to observe and report on network device and port performance anomalies. Tools are also used for detailed analysis and correlation of network devices configurations for layer 2, layer 3 and network device security best practices.
Insight is a technology solutions provider serving global and local clients in 190 countries. Today, thousands of clients, including more than 80 percent of the Global Fortune 500, rely on Insight to acquire, implement and manage technology solutions to empower their business. Insight provides software and licensing services globally. In addition, we offer a comprehensive portfolio which also includes networking, hardware and value added services for our clients in North America and the U.K. We are aggressively expanding our global capabilities by introducing new offerings, including hardware and services, to meet emerging needs for our clients worldwide.

Success Stories
We have successfully executed network assessments for a wide range of clients in multiple industries, from Fortune 100 companies to rapidly emerging businesses, including:
- Top 10 US cities with 13,000 internal users and over 200 WAN locations
- Fortune 500 tax preparation and financial services firm with over 1000 locations
- Large outsourced call center company with US and International locations
- Regional Midwest bank with 50 branch offices

For more information, contact your local Insight representative or call 1.800.INSIGHT.

UC and Telepresence Readiness Assessment -- includes Network Assessment (above), plus:
- Simulated voice and video calls
- Call performance indicators including, MOS score, latency, jitter and loss
- Quality of Service (QoS) configuration analysis

Fast Facts
- Cisco Gold Certified Partner
- HP Platinum Partner
- IBM Premier Business Partner
- Lenovo Premier Business Partner
- Microsoft Gold Certified Partner
- Symantec Platinum Corporate Partner
- Lifecycle Management Services
- ISO 9001:2008 Integration Labs
- 2,500+ technical certifications
- IT Management Services with 24x7 Network Operations Center
- 432,000 square foot Distribution Center
- Quick product provisioning with on-hand and virtual inventories

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