

Network Health Check

Improvement as a service

CUSTOMER BENEFITS

- Independent view of the network status
- Detailed review of network from a security, risk and modernity aspect
- Report that gives suggestions of how to mitigate potential network problems
- Expert suggestions on best network use

Net Insight offers Improvement as a Service that ensures you have access to the expertise and proven methodology that's needed to thoroughly analyze and optimize your Nimbra-based network.

Following our structured Network Health Check process, the Professional Services team runs automated scripts that collect network data and assess the network health based on collected data. Members of the team collaborate on a daily basis with customers who are responsible for mission critical network operations.

These experts employ their experience to deliver an analysis of your current network status, as well as a detailed summary report that includes recommendations of best practice activities for improving network performance.

Network Health Check overview

A network check is performed to examine the current status of the nodes in your Nimbra-based network. This is accomplished by looking at the nodes from three main different angles: modernity, security and accuracy. The network health check will demonstrate how certain defined key parameters are configured, whether or not nodes are monitored, as well as the health status they indicate during analysis.

The result of the Network Health Check will help to improve the experience your end-customer has with the network transport solution you deliver. It will also provide guidance and advice on how to manage your network on a daily basis.

Network Health Check deliverables

Modernity is considered first in hardware and software inventory audit and secondly from end-of-life aspect.

Accuracy is addressed via configuration best practices analysis. Further, a security inventory check is completed. In the standardized Health check report, information on link bandwidth utilization and port usage is provided.

A report with summary findings and recommendations to promote improvements in overall network health and performance is part of the delivery.

Typical activities includes:

- Building a information database
- Extracting and sorting information from the database
- Health Assessment based on collected information
- Analysis and documentation

Typical documentation includes:

- Equipment inventory and
- Equipment End of Sales inventory
- Software release information
- Security inventory
- Summary data documents and Final report

NETWORK HEALTH CHECK

Proven Project Methodology

The Net Insight project methodology has been proven and refined over many years of successful planning, designing and implementing networks around the globe. Our methodology ensures that a structured approach is followed in every step of the project. This includes progress reporting, risk mitigation, issue mitigation and change management. For further details please refer to our Project Management Data Sheet.

Secured Project Delivery

Net Insight's Customer Project Manager ensures that the project work performed is aligned to each customer's priorities and that project milestones are met according to the agreed upon project schedule. The project team has extensive knowledge in detailed network design, configuration of network management and services, installation support, acceptance tests, commissioning, service migration and mission critical issue mitigation.

Our dedicated teams contribute with project management and engineering skills so that our Improvement as a Service allows your Nimbra-based Network to be fully optimized.

Customer Responsibilities

Computer with the following installed:

- Linux Ubuntu 12.04 or Ubuntu 14.04
- SSH access to this computer is preferred
- PHP
- Expect
- Bash
- The computer needs to have access to both Internet and all IP management interfaces on the nodes, at the same time
- Valid and up to date host file with all nodes and IP management interfaces defined (host file from Nimbra Vision)
- Host names up to date on all nodes (host list push recommended)
- Network documentation
- Also recommended that NTP is up to date on all nodes
- Customer agrees that the Services shall take place and complete within ninety (90) calendar days from issuing a Purchase Order to Net Insight for the Services herein.

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