


## Network Performance Audit

 <p>Calix <b>C-Series</b> Multiservice   Multiprotocol</p> <p>Calix <b>E-Series</b> Multiservice   Ethernet</p> <p>Calix <b>P-Series</b> Multiservice   Premises</p> <p><b>CMS</b> Service Management</p>	<p><b>D E S C R I P T I O N</b></p> <p>The Network Performance Audit offered by Calix Professional Services provides a comprehensive network performance and health assessment for active Calix network elements. This solution provides communications service providers with the opportunity to optimize their access networks, while ensuring they are ready to meet future network demands. Proactively identifying corrective actions will also improve network resiliency when the actions are implemented. Calix provides this service utilizing a highly trained team of Professional Service engineers and Calix Best Practices.</p>
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### B E N E F I T S

Calix Network Performance Audits allow communications service providers to not only improve current network performance, but also identify the impact of adding new high-bandwidth services, such as HD video.

Benefits include:

**Increased network reliability** – Identifies areas that can yield an increase in network availability and reliability.

**Improved network utilization** – Flags areas that may be optimized to increase network utilization.

**Increased network scalability** – Highlights areas that may need to be addressed in preparation for new service deployment.

**Reduction in OPEX** – Ensures alignment of proven and efficient provisioning models, reducing the operational impact to your staff.

### C O M P O N E N T S

The Calix Network Performance Audit may span varying physical media, network topologies, logical topologies, protocols, and services deployed across the Calix Unified Access Infrastructure. The key audit components are:

- Performance analysis – including a review of alarm history and performance monitoring data
- Bandwidth utilization
- Protection evaluation (equipment and link)
- Provisioning assessment
- Timing verification
- File system inspection

At the end of the Network Performance Audit, Calix generates a formal audit summary document, which includes recommendations for optimizing and improving the health of the network. This document will be reviewed during a conference call to provide you with the findings and recommendations.