

Network Advisory Services: Network Assessment

As part of Carousel's Network Advisory Services, the Network Assessment will identify, catalog, and evaluate network infrastructure and provide recommendations regarding its operation and enhancement. In this discovery, Carousel will review the existing network infrastructure and make recommendations to ensure future success for the organization.

YOUR CHALLENGES

- Inability to discover and identify unknown or under-documented network infrastructure
- Lack of in-house resources with knowledge of modern infrastructure
- Limited time and expertise to proactively manage lifecycle of assets
- Unknown risks due to single points-of-failure, misconfigured devices, and improper access controls

GOALS AND BENEFITS

- Gain a comprehensive understanding of the existing network, including its limitations and opportunities for improvement
- Receive a detailed set of reference inventory and lifecycle documentation that can be used as a foundation for future projects
- Interactive presentation of findings and recommendations to ensure that the network will be robust, scalable, resilient, and secure

APPROACH AND ACTIVITIES

- A current state base lining of the existing network will be performed through a remote design workshop with Carousel engineers and members of the client team discussing current state network architecture, current challenges, and design considerations.
- Carousel will also review future business needs and expected traffic requirements to provide recommendations for reconfiguration or potential congestion points.
- Information gathered from the workshop, network design, product best practice experience of the individuals conducting the workshop, and output from our network discovery tool will be the input into the final recommendations.

This review will include an examination of:

Network Infrastructure

- Asset inventory list
- Network topology diagram and documentation
- IP routing (WAN and LAN)
- Layer 2 topology discovery (VLANs, trunks, spanning tree)
- Review of high-level QOS design and requirements

Network Security

- Identification of all existing security infrastructure components
- Identification of security risks (high level)

Supportability

- Review of support and maintenance strategy
- Review of equipment lifecycle strategy

COMPLEMENTARY OFFERINGS



Networking



IT Professional
Services



Managed Services

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