METSI TECHNOLOGIES

Technology

Cisco Digital Network Architecture Center (DNAC) empowers businesses to design, provision and assure their enterprise networks. The DNAC platform provides a centralized GUI for all network related tasks and functions, enabling network operators to configure and provision thousands of network devices at increased speed and scale. Manual operations and associated human errors are reduced via task automation. The benefits for the business are network deployment consistency and increased uptime.

Challenge

Our customer wanted to leverage Cisco DNAC to push configuration amendments to their Cisco Catalyst switch device estate. The goal was to automate repetitive configuration changes to reduce human input errors, and, increase speed of change delivery. A centralized repository was required to act as a single "source of truth" for all configuration data. Additionally, it was necessary to maintain strict control over all templated configurations.

Solution

By using DNAC Day N templates, Metsi was able to deliver several benefits to the customer. First, templates for configuration changes were centrally controlled on DNAC with only approved personnel able to make amendments to them. Second, once the template was ready to deploy to the switch estate, it was automatically pushed at a time of choosing during a maintenance slot across multiple sites. Finally, DNAC was able to demonstrate which switches the template had been successfully deployed to for accounting purposes.

## Achieve Digital Maturity with Metsi's Full Stack Engineering

Summary

Metsi provides networking services for the design and implementation of the Cisco DNAC platform, for Proof of Concepts (POC) and real-world rollouts, in both greenfield and brownfield deployments. Metsi DNAC engineers facilitate the realization of all DNAC features for enterprise customers, including automation, segmentation and assurance. DNAC automation standardizes repetitive network operations to reduce human error, save time and cost, and increase speed of delivery. Assurance provides new insights to ensure that business intent is directly transferred to the network, and that it is delivering on what was intended for business operations.

Metsi Technologies

Metsi is a global Full Stack Engineering Systems Integrator, Cisco Integrator Partner, and Cisco Business Learning Partner. We have business offices in the US, UK, and Germany and distributed engineering resources throughout North America, Europe, and Africa.

Metsi specializes in complex systems automation & orchestration, built on a multicloud or hybrid cloud fabric, and empowered by a Software Defined Data Center. Our software engineers are experts in self-service platforms (Prime Service Catalogue, CloudCenter), real-time business performance and optimization (AppDynamics, Tetration, Turbonomic); and automated control of network infrastructure (ACI). We integrate the entire IT stack, including RedHat, Microsoft, VMware, Kubernetes, AWS, Azure, and Google Cloud Platform. At the top of the stack, we offer 20+ years of Business Performance Management, including business intelligence, software intelligence, and Cloud APM.
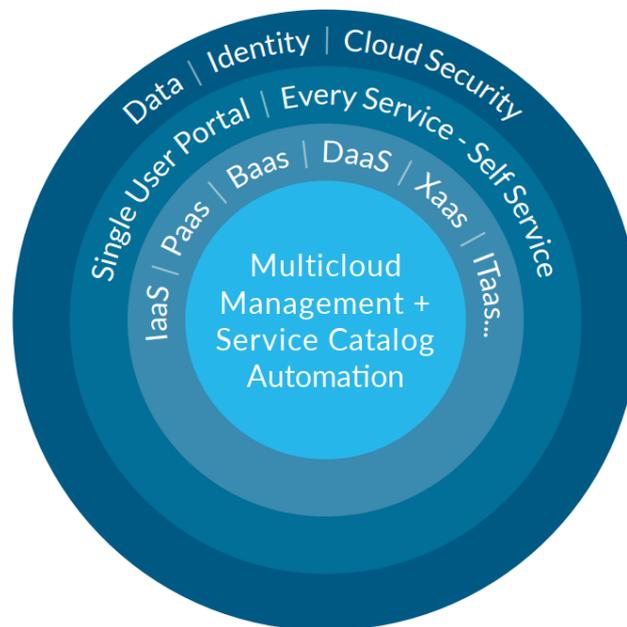
Metsi Technologies Continuous Digital Innovation

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