



vSPHERE UPGRADES FOR A HIGHLY AVAILABLE HEALTH CARE ENVIRONMENT CASE STUDY

INTRODUCTION

An international health care provider needed environmental validation, and guidance on the best vSphere+NSX architecture to implement for an active/passive deployment spread across two datacenters. The customer has an existing Cisco ACI implementation for primary routing and switching at each site that needs to work with NSX.

CHALLENGE

The customer is adding new hardware to the existing environment. Because there were multiple design options to choose from, the customer wanted to make the best choice possible to future-proof their deployment. This enables more robust application deployment to their private cloud. They also wanted validation of the existing environment along with architecture recommendations for deploying their new vSphere clusters into their existing NSX environment.

SOLUTION & IMPACT

Capstone IT Solutions performed extensive discovery and documented their vSphere and NSX environments. Capstone IT Solutions presented numerous design options and guided the customer through the pros and cons of each configuration to help them arrive at the best solution for their environment. Capstone IT Solutions also provided numerous recommendations and best practices that the team should implement within their environment to increase productivity and resiliency.

RESULT

- vSphere and NSX environments validated and documented
- Exhaustive review of different design options and selection to be implemented
- Technology roadmap and upgrade planning for the remainder of their license term