



HCL MODERNIZES & AUTOMATES NETWORK ENVIRONMENT FOR OIL & GAS MAJOR



CUSTOMER BACKGROUND

- The customer is a global multinational oil & gas company based in Norway
- A fully integrated petroleum company, it has operations in more than thirty countries
- By revenue, the customer is among the world's largest oil and gas companies, and has more than 20,000 employees

- Customer was looking for automated security life cycle management. The requirement was, that all east west traffic in the external zone hosting the web facing application should be monitored for all transactions
- Customer needed automated orchestration for application provisioning to accelerate IT service delivery and time-to-market for new applications.
- Customer wanted to get rid of IP based firewalling and rather wanted firewall rules to be visible till vNIC level and wanted to implement the network automation and security screening for a set of application hosted on complete virtualized platform.



CUSTOMER PAIN POINTS



SOLUTION

- HCL created a highly automated, simplified, and secure multi-tenant environment through the deployment of Software Defined Network solution using VMware NSX™ network virtualization platform with VMware vRealize™ Operations
- HCL deployed applications from nine data centers on the platform, involving the migration of all external-facing applications going forward to the NSX environment.

- HCL deployed the SDN solution for the customer, which enabled better security through micro segmentation and agility by the way of better abstraction, which improved application delivery time.
- NSX automated the complete life cycle of network provisioning and end point security.
- 30% reduction in support cost by automating the overall lifecycle management of network provisioning and end point.
- Improved management through zero-touch configuration, network topology visualization, and end-to-end flow visibility.
- Significant reduction in application provisioning time via centrally managed console for the entire automated environment.
- Customer got the centrally managed console for all the automated environment.



IMPACT



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