HCL

HCL ENABLES SOFTWARE DEFINED INFRASTRUCTURE FOR A MULTINATIONAL INSURANCE COMPANY

CUSTOMER BACKGROUND

- The customer is a UK-based global corporation that provides advice and services.
- It is among the world's leading providers of insurance, reinsurance and employee benefits related advice, brokerage and associated services.

- The organization was looking to action a composite automation roadmap, replacing legacy assets with next gen infrastructure. The concern was to reduce IT operating, maintenance, and data retrieval costs.
- Two data centers with 1,400 + instances, required deployment in a software defined infrastructure (SDI) environment.

CUSTOMER PAIN POINTS

SOLUTION

- HCL implemented programmable infrastructure built on SDI comprising Software Defined Compute, Storage and Network using VRA, VRO, NSX, and vSAN with integrations to Public cloud.
- A unified orchestration layer was introduced to manage private cloud and enable public cloud consumption. Enterprise flash storage was implemented, which delivered one million plus IOPS and significantly optimized storage footprint.
- HCL implemented ServiceNow GBP which is a pre-configured, implemented image of HCL Gold Standard Processes in ServiceNow for IT Operations.
- HCL brought in optimization into service delivery by leveraging a mature ITIL V3 Process framework.
- HCL MyXalytics was used for unified reporting in the customer environment. Network was all Leaf & spine physical underlay with NSX implementation for network automation.
- Implementation of stateless computing was done using cisco UCS and VSAN for management and Edge POD. Under automation VMware vRealize suite was deployed that constitutes vRA for cloud automation and provisioning, vRB for chargeback and showback along with vROPs for operations management of complete SDDC environment. To increase throughput and to reduced storage footprint all flash storage was implement.

HCL helped reduce provisioning time across the infrastructure landscape. Some of the major benefits accrued by the customer were:

- Up to 25% TCO reduction
- Over 90% rack space and DC footprint reduction
- Enhanced data efficiency and high throughput
- Repeatable, scalable solution that can be replicated to another GEO's.
- Complete management of the infrastructure service lifecycle
- Access to and control of compute, storage, network and security.
- Transforming from traditional IT to a private cloud operating model.

IMPACT

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