Insurance

Design, code and deploy a production-ready Azure Landing Zone for Insurance Client

Cognizant designed, coded and deployed a production-ready Azure landing zone in the Client's Azure tenant using Bicep, laying the groundwork for the future VDI setup

Challenge

a mature cloud organization which is well versed in AWS- was in the process of assessing Azure for their VDI deployment and for building a strong Azure Landing Zone supporting the said VDI infrastructure. Cognizant came in as the delivery partner with its deep Azure expertise to validate and build the Azure landing zone with Virtual WAN and Express route direct as Active-Active setup, design the DNS strategy, setup the Indirect spoke Azure Firewall & the Checkpoint firewall. Cognizant achieved the discovery, assessment, design and successful deployment of a Landing zone in a Prototype environment. Cognizant also deployed a Landing zone in Non-prod as part of code validation and KT handover, all together over the course of 10 weeks.

Solution

The Azure Landing Zone encompassed:

- Review of the design provided by the Travelers team and assessment of it against the existing standards along with providing best practice recommendations
- Creation of a highly resilient vWan setup with Azure Express route direct with Active-Active connectivity to Client's multiple on-premise environment
- Employment of Checkpoint firewall for internet breakout and Azure firewall for the Internal network
- Creation of the DNS strategy by using distributed DNS architecture setup
- Configuration of Monitoring solutions for Platform Landing zone, Azure Firewall & Policy logs
- Development & Deployment of Bicep parametrized code modules for deploying Azure Landing zone end to end
- Creation of documentation for the design & Low-level deployments
- Building of Bicep module -taking into account Client's requirements- to cater to streamlined operations
- Assistance to Client for deployment of the entire Landing zone in a separate environment using the same Bicep modules as part of the "learning by doing" knowledge transfer

Expected Outcomes

2

Deployments of the Greenfield Azure Landing Zone (Prototype Environment and another one to Non-Prod)

19

Bicep modules delivered to setup vWAN with Express route direct (Prototype Environment and another one to Non-Prod)

5

Office Hours/Knowledge Transfer Sessions completed during the course of the engagement

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