

# Network Cloud Security Design and Deployment Services

## BUSINESS CHALLENGES

- Understanding the Clients' current network and security needs
- Understanding the data storage and transfer mechanism
- Ensuring that there is no Data Loss
- Ensuring that there is no Security Breach
- Ensuring that the Data is in encrypted format at all times
- Ensuring that there is proper access management in place since cloud enables data access from anywhere
- Ensuring there is a proper Backup and disaster recovery in place



## BUSINESS SOLUTION

- Our expert Network Engineers spend time with the client to understand their specific network and security needs
- We first analyzed information about their data, services, and users. We then design, plan and implement networks on both public and private clouds according to your requirements
- We provision and configure with Infrastructure as code to avoid risk and uncertainty associated with manual configuration
- With our network architecture covers all the aspects like segmenting the network by creating various subnets/VLAN, Direct Connect using Megaport from your on-premise to cloud, site-to-site VPN, Remote User Access, etc.
- We made use of Palo Alto Networks Security Technologies to overcome with the security limitation that comes with AWS Security Group
- We made use of various features offers by Palo Alto networks to extend our services to include configuration and deployment for:
  - Palo Alto Virtual Firewall Appliances in AWS Cloud
  - Palo Alto Hardware Firewall models PA7080s, PA5220s in Data Centers(on-premise)
  - Palo Alto Panorama deployment for central firewall management in AWS Cloud and Data Centers
  - Palo Alto Cortex XSOAR integration with Panorama for Threat Detection and Mitigation
  - Palo Alto Prisma for AWS Cloud Security
- We set up VPN to ensure a secure connection over the entire network

## RESULTS / BENEFITS

- We ensure high efficiency, speed, and stability with our end-to-end security to your cloud system with our holistic approach
- More efficiency and fewer errors with Infrastructure as Code (IaC).
- Design network security with Zero-Trust for micro-segmentation.
- Cost Reduction
- Business Flexibility – Cloud offers more flexibility overall versus hosting on local server
- Mobility – As the cloud offers mobile access to the enterprise data through your smart phones
- Quality Control
- Scalability - This gives the ability to scale up when the usage need increases or down if resources are not being used