

HELPED A GROWING NON-BANKING FINANCIAL COMPANY WITH **MANAGED IT SECURITY SERVICE**



SUCCESS STORY

INDUSTRY:

Banking, Financial services and Insurance (BFSI)

OFFERING:

Managed IT Security Service

CUSTOMER OVERVIEW

A growing Non-Banking Financial Company (NBFC) registered with Reserve Bank of India (RBI). Counted among the top NBFCs in India based on the currently estimated capitalization. The company has business interests in wholesale and consumer finance, and has already embarked on building a substantial book size of corporate loans.

CONTEXT

The client wanted:

- To host their Active Directory (AD), Domain Name System (DNS), Anti-Virus (AV) and Windows Server Update Services (WSUS) servers on the Amazon Web Services (AWS) platform.
- A perimeter [Intrusion Detection System (IDS)/ Intrusion Prevention System (IPS)/ Data Loss Prevention (DLP)/ Anti-Virus (AV)...] level security to protect their cloud hosted infrastructure from both intranet and internet users.
- Traffic from office/ spoke locations to access internet from AWS Internet Gateway and content filtering & Secure Sockets Layer Virtual Private Network (SSL VPN) clients based on AD authentication.

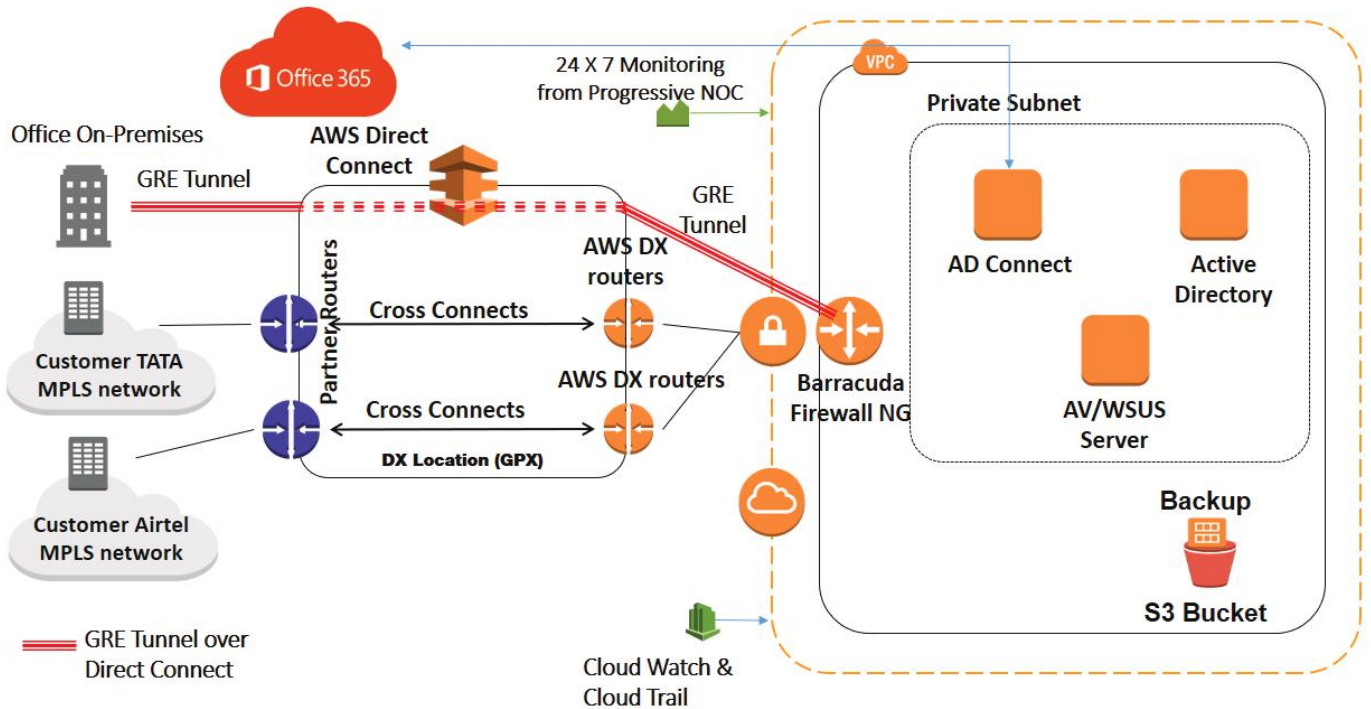
KEY BUSINESS CHALLENGES

- Routing internet through the AWS was a challenge, as the default origination at AWS Border Gateway Protocol (BGP) group was not feasible.
- The challenge was also to route the default traffic from AWS direct connect to NextGen Firewall, thus improving the security posture at perimeter for intranet/ direct-connect traffic.
- AD integration, content filtering and AV updates as per the AD groups configuration was another challenge, due to one of the limitations of NextGen Firewall of not being able to fetch default Organization Unit (OU) details from the AD server.

SOLUTION

- Progressive helped in deployment and configuration of the infrastructure on AWS including the DX configuration.
- A separate Generic Routing Encapsulation (GRE) tunnel was introduced inside the DX line to accomplish the internet traffic to NextGen Firewall.
- NextGen Firewall was used to cover all features like AD integration, IDS/ IPS/ AV/ DDoS/ URL /Content filtering/ SSL inspection/ ATP (Zero day)/ DNS Sinkhole/ Safe Search/ Application control etc.
- NextGen Firewall has played a vital role as Internet gateway for AWS hosted server for patch updates.
- Content filtering has been applied as per the AD users after creating individual group on both NextGen Firewall & AD
- McAfee endpoint security Server was configured along with end-points.

SOLUTION ARCHITECTURE



ABOUT PROGRESSIVE INFOTECH

Trusted IT partner since 1998, Progressive Infotech provides a comprehensive suite of transformation and support services. The offerings span across cloud, digital and support operations, delivered through a matured and scalable service delivery model. In every client engagement, Progressive ensures clients realize higher ROI, stretch the intrinsic value of existing IT investments and are better prepared for emergent market changes.

Gartner lists Progressive Infotech as a notable vendor in Magic Quadrant for Public Cloud Infrastructure Managed Service Providers, Worldwide 2018- Asia/Pacific Context.

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