

IMPROVED SECURITY POSTURES FOR A LEADING TELECOMMUNICATIONS COMPANY WITH PROGRESSIVE'S MANAGED SECURITY SERVICES



SUCCESS STORY

INDUSTRY:
Telecommunications

OFFERING:
Managed IT Security
Service

CUSTOMER OVERVIEW

Incorporated in 2009, the client caters to the needs of mobile Value-Added Services across Africa. Their music streaming application "Mziki", offers a rich selection of African and international content, with exciting features like offline streaming and ring-back tones. A unique strength of client is its rich repertoire of local content, licensed from more than 500 artists in Africa and its expanding portfolio of international content. As part of their financial services portfolio, the company offers Domestic Money Transfer service to their customers through a network of 3000 retail outlets and 10,000+ agents.

IT LANDSCAPE

The client is using AWS public cloud with multiple servers running in Europe region, their Mziki application which churns huge amount of data, this data is stored in S3, the application servers are running on EC2 with two database servers. The client has approximately 300 IT users.

CONTEXT

The client being a VAS provider has tie-ups with multiple ISPs across Africa. They needed the communication between AWS and the various ISPs to be secured through IPsec. However, they couldn't use AWS VPC because of the limit on the number of IPsec VPN tunnel connectivity and cost.

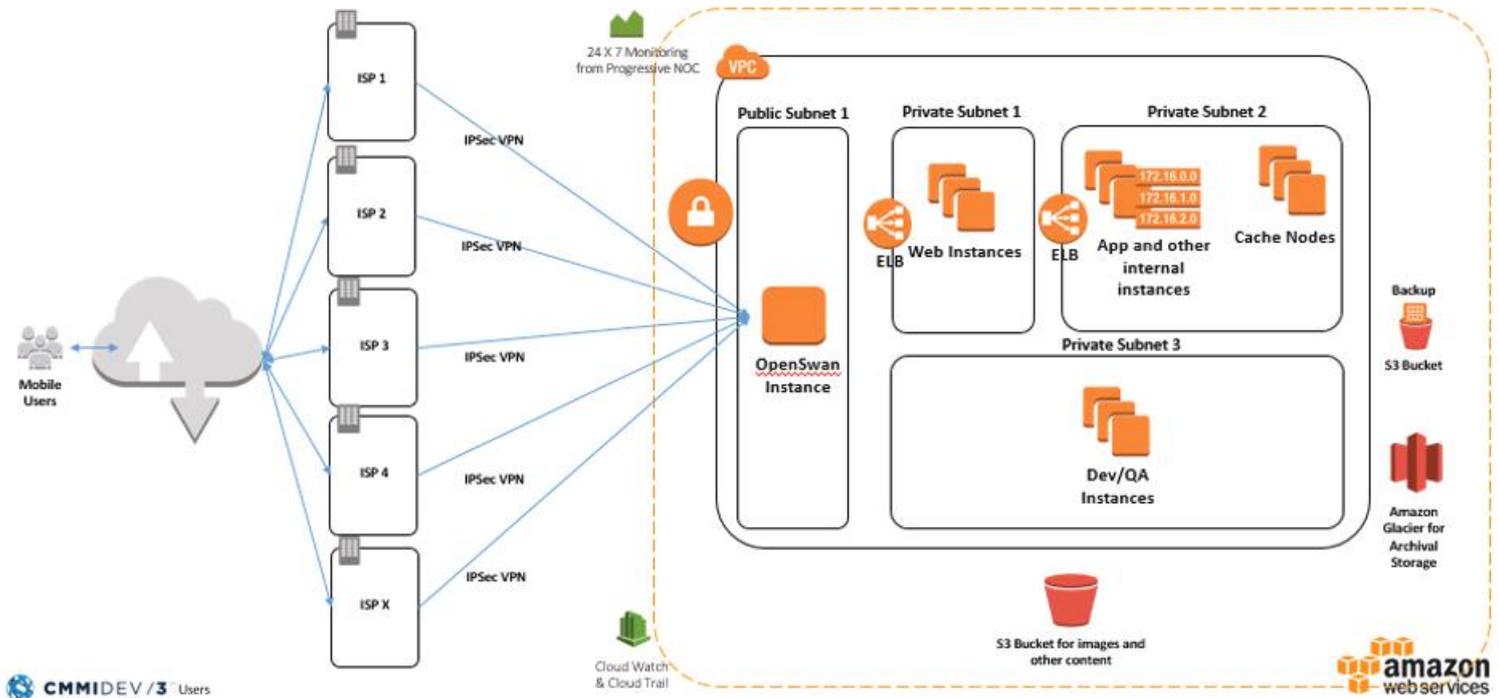
KEY BUSINESS CHALLENGES

Many ISPs made Multiple VPN connections difficult which could be accessed securely. Use of AWS native VPC and VPN service was difficult because of limitation from ISPs as there was IP Address overlap. The client wanted to have a smooth secure and encrypted communication between the ISPs servers and application servers hosted on AWS.

SOLUTION

Client was looking for an optimized solution with tight budget, hence Progressive's solution architects suggested client to go with OpenSwan for their multiple VPN tunnels. Establishing multiple VPN connections across various ISPs in Africa and ensuring the data is secure and encrypted. Progressive with its cloud managed services offering managed their entire AWS infrastructure. The key learning was to create multiple site to site VPN tunnels with between AWS and several ISPs, and there was a problem of IP Addressing overlap, so to fix that we came with open SWAN software as an appliance.

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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