

Objective

Enhance network security and increase visibility, control and attack response for a Banking and Financial Services Company.

Solution

- Aruba ClearPass 25K Appliances– 60 Nos + 2 Onsite Spare
- Aruba ClearPass - 7.5L Access/Guest Licenses
- Aruba ClearPass – 7.5L OnGuard Licenses
- Aruba ClearPass Policy Manager Onboard Licenses – 1500 Licenses
- Redundancy – DC-DR Deployment in two clusters
- Dashboard & Reporting – Aruba
- ClearPass Insight

Business Impact

- Visibility, control and security response achieved.
- Reliable wireless connectivity and monitoring.
- Centralized control which reduced management and operations cost for the company.
- Transformation into a Modern Smart Digital Workspace

Industry

Banking and Financial Services

Introduction

An Indian multinational public sector Banking and Financial Services Company, with more than 15,000 branches spread across India, wanted to enhance their network security to suit the current market requirements. The company adopted a solution that included authentication, authorization, and accounting (AAA), NAC, BYOD, posture, profiling and guest management services across 7.5L endpoints with redundancy.



Challenge

Laptops, smartphones, tablets and Internet of Things (IoT) devices are pouring into the workplace. With every employee now utilizing an average of three devices, the addition of IoT increases the vulnerabilities inside the business – adding to the operational burden.

The client had the need of identifying who and what is connected to the network. They needed the right set of tools to quickly program the underlying infrastructure and control network access for any IoT and mobile device – known and unknown. Real-time attack response and threat protection were also required to secure and meet internal and external audit and compliance requirements.

Superior device visibility, control and attack response for the enterprise was the top priority, which substantiated Aruba Clearpass Policy Manager (CPPM) into being a clear choice.

This enormous project of large complex deployment was spread across 15,000 branches and 7.5L endpoints. Moreover, the diversified and complex environment of the bank made it a one-of-its-kind project.

Solution

The ClearPass Policy Manager and AAA replacement solution provide built-in device profiling, a web-based administrative interface and comprehensive reporting with real-time alerts. All contextual data collected is leveraged to ensure that users and devices are granted appropriate access privileges – regardless of access method or device ownership.

Keeping in mind the size and the data protection needs of the client; visibility, control and attack response was of paramount importance. ClearPass provides true security with overarching visibility and control – ensuring that only authenticated or authorized devices connect to the network. This stems from

a multivendor, wired and wireless per device policy that further added an advantage in terms of compatibility, for the client. Swan was actively involved in all stages of the project from the absolute start till the end. Right from design to pilot deployment, and then through the rollout and support phases, Swan's support was crucial in easing the process of this complex deployment. Hands-on-training was also provided to the customer's team in production environment (Delivered by HPE & Swan). The solution included secure Wi-Fi guest access, device onboarding, health checks, and strong enforcement capabilities. The advantages of visibility, control, security, mobility, and cost make Aruba Clearpass Policy Manager (CPPM) the ideal choice for a Banking and Financial Services Company.

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