

Case Study Leading European Airline

Proof of Concept (PoC) for Cisco ASA Migration to F5 APM Remote Access Solution

Company Summary

This European favorite airline operates more than 1,000 daily flights connecting destinations in several countries in Europe. The company has a global mobile workforce with a team of more than 7,000 highly skilled aviation professionals.

Requirement

Our client had a requirement to carry out a proof of concept (PoC) for a remote access solution that will replace their legacy Cisco ASA systems. The key requirement was to migrate the existing VPN solution to a new solution whilst maintaining existing features such as AAA (Authentication, Authorization, Accounting) using Microsoft AD integration in a highly available, secure, and resilient infrastructure.

Solution

iCyber-Security was selected because of our expertise in designing and integrating VPN and Single Sign On (SSO) solutions. The proposed design was based on F5 APM remote access integrated with Microsoft AD. The F5 APM module was used to provide Role Base Access Control (RBAC) with AD groups mapping to control access and resource assignments. This allowed the client to deliver existing functionalities as well as a robust solution for its workforce to work securely from anywhere and anytime.

Business Benefits

- Fast PoC allowing the clients to quickly evaluate its ROI
- Expert advise and recommendations for quick decision

Key Challenges

- Analysis of the customer requirements and recommendations
- Designed of the overall solution based on the existing customer network environment
- PoC design, planning, implementation, and testing

iCyber-Security Delivery

- Remote access solution based on F5 APM module
- Network integration configuration with F5 APM and LTM
- F5 APM customization with AAA integration of multiple nested domains using Microsoft AD