SANGFOR

Customer Overview

PT Lion Mentari Airlines, operating as Lion Air, is an airline based in Indonesia. Headquartered in Jakarta, Indonesia, Lion Air flies to cities within Indonesia and to Singapore, Vietnam, Malaysia and Saudi Arabia & some charter routes to mainland China and Hong Kong.

It's main base is Soekarno-Hatta International Airport, Jakarta. It operates scheduled passenger services on an extensive network from Jakarta to 79 destinations.

Source: Wikipedia

Challenges

With a fleet size of 101 planes, Lion Air is one of the fastest growing airline company in Indonesia and leading the market with 42% of market share. In order to cope with its expansion and the growing number of employees, Lion Air needed a way to manage its bandwidth efficiently.

Internet connection is very expensive in Indonesia, especially for large enterprises with thousands of employees. That is why it was important for Lion Air to be able to control non-business related activities such as social networking websites or applications.

In order to control each device connected to the network, Lion Air also needed a way to bind MAC address to authenticate users over L3 Switch with SNMP.

Solution

After deploying Sangfor IAM in Lion Air's Headquarters, they were able to control non-productive activities and save the bandwidth for critical-business applications. Not only did they avoid an expensive and unnecessary bandwidth upgrade, they can also now create users group and restrict their access to the network according to their permission level.

More importantly, Lion Air successfully bound the different MAC addresses over L3 switch to facilitate and secure the authentication of their users. This way only computers registered with the IT department could access the network.

The deployment of IAM not only enhanced the bandwidth value of Lion Air, but also helped filter unwanted websites and applications, as well as control the behaviors of its users. Thanks to the integrated reporting tools, Lion Air's IT team is now able to provide complete reports of the network status and customized their rules accordingly.

Executive Summary

Customer: PT Lion Mentari Airlines

Industry: Airline Company

Location: Indonesia

Challenges

- Bandwidth management
- MAC address binding to authenticate users
- Web filtering
- Applications control

Network Topology