Global Airline Utilizes Enterprise Application Access to Provide Internal Support

Requirements

- Internal and external developer access to enterprise applications including Couchbase Console, Tridion, and Jenkins
- Compatible with AWS and jump server SSH access

The Situation

A leading global airline's IT leaders were searching for a way to provide application access to its developers — a team composed of both internal and external employees. Well known for its highly technical staff, the company pays close attention to detail when it comes to purchasing new hardware and software. When a senior leader on the team heard about Akamai's Enterprise Application Access (EAA), the company decided to initiate testing through a proof-of-concept trial to compare against another option.

Road to a Solution

While the integration period took less than a few days, the detail-oriented airline IT team took a full two months to test and evaluate Enterprise Application Access. Over this period, they discovered many benefits with the Akamai solution. With their current solution, it was complex to set up access to applications on the existing system due to specialist knowledge requirements, non-user-friendly interfaces, and mandatory demilitarized zone (DMZ) functionality. This resulted in long turnaround times and delays in service. During the EAA proof of concept, they found it was no longer necessary to open its cloud environment; furthermore, there was no DMZ infrastructure requirement either, which allowed applications to be published within minutes, including application context routing functionality. Enterprise Application Access exceeded requirements, and the airline's IT team put in an order for their 200-person developer team.

The Solution

As a result of deploying applications through Enterprise Application Access, the airline has seen the following overall benefits:

- **Improved security.** Through reduction of the attack surface and validating users in the Akamai cloud before allowing them to access authorized applications, the airline's firewall is never opened to outside sources.

- **Improved agility.** With simplified architecture allowing for publishing new applications in minutes instead of days, and no complex changes to the network components while still integrating with existing ADFS systems, the IT team can operate much more quickly and without hurdles in the deployment process.

- **Enhanced visibility.** Enterprise Application Access utilizes a "single pane of glass" to log any access activity, allowing IT leaders a full-breadth look at who is accessing applications in the network — no other programs required.