



SECURE



DUO SSO + AWS VERIFIED ACCESS FOR

# Secure Access to AWS hosted Private Apps

Duo Single Sign-On (SSO) + AWS Verified Access validate user identity and set appropriate controls for granting application access

## THE CHALLENGE:

# Unfettered access to private applications puts organizations at risk

According to Cisco, the number of organizations that had more than half of their workforce working remote reached 62% in 2020. Fast forward two years, and only 25% of employees feel their organization can support a hybrid work environment. This shortcoming doesn't bode well for these organizations – or their security.

With the rise of hybrid work, employees need to access private applications, but organizations must balance that access with security. Traditional remote access models and solutions (such as VPNs) weren't designed for a primarily distributed workforce. But today's workers demand

flexibility to easily shift from one location to another without interrupting their workflow – to be able to access corporate private applications to work from any location, any device. At the same time, organizations must secure access to applications as part of a strong security resilience posture, without added friction for the user. Secure access includes establishing user trust, device trust, and application-specific access control policies.



**THE SOLUTION:**

# Duo SSO + AWS Verified Access

This joint solution provides three key benefits to help secure access to private applications, consistent with a zero trust approach.



**End User**



**AWS Verified Access**



**Duo SSO, OpenID Connect (OIDC)  
Compliant Identity Provider**

## 01

### Improved Security Posture

Duo SSO, paired with strong user authentication, phishing-resistant multi-factor authentication (MFA) and passwordless authentication, serves as the identity vendor (using the OpenID Connect standard). It passes authentication data and other requested user attributes to AWS Verified Access which evaluates those attributes against the policies for each application before granting access. This ensures that only authorized users with the right permissions and an approved device status are allowed access to the private application.

## 02

### Seamless User Experience

Access private applications without having to connect to a VPN client for authentication and provisioning. With an AWS Verified Access supported browser which is required if you are using an Enterprise Device Management (EDM), users can easily connect to private applications, without any additional steps, providing a seamless experience. Duo provides frictionless single sign-on with robust MFA or passwordless authentication and device posturing to validate the user's identity. It shares this information with AWS Verified Access which in turn enables the user access to the requested application. That's it!

## 03

### Fast Onboarding and Lower Maintenance

Duo SSO and AWS Verified Access are fully hosted services supported by the two vendors respectively – no hardware or agents required. Plus, Duo SSO seamlessly interfaces with your existing user directory, allowing your team the space to focus on other critical needs.