Streamline User Access to Applications on AWS

aws | okta

Secure, Seamless Customer Experience

ⓘ Challenges

Balancing Speed & Security

Customer satisfaction is two-fold: they expect your app or website deployed on Amazon Web Services (AWS) to be incredibly fast and streamlined while also keeping their personal information secure. Customers want to access your application without having to create another set of credentials with as few steps as possible. Whether it's an online retailer, member portal, or a mobile application, you don't want to risk losing a potential user conversion due to abandonment.

But on the other hand, once a user's trust is lost, it can almost never be regained. What you're looking for is quicker secure access to your application or website with less work.
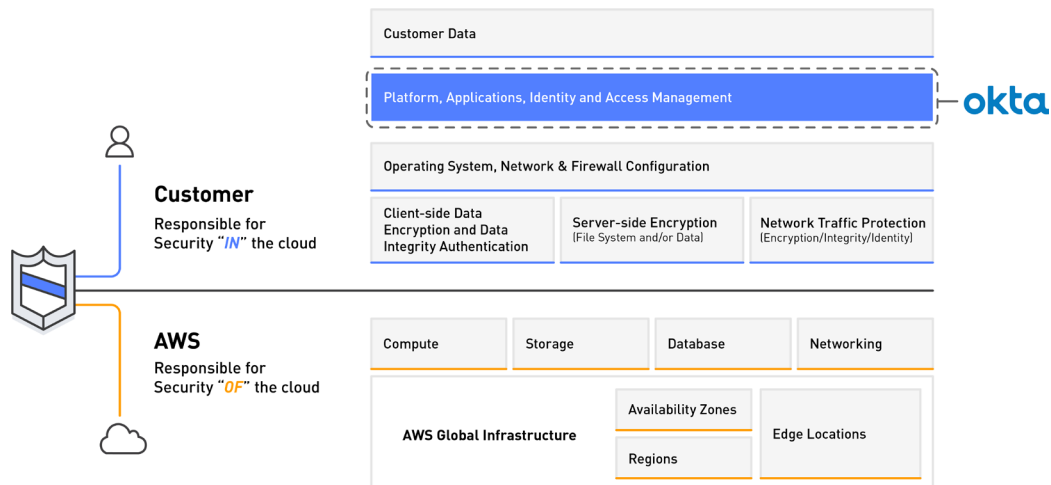
Under the AWS Shared Responsibility Model, AWS manages security of the cloud, while security in the cloud is the responsibility of the customer. Customers retain control of Identity and Access Management (IAM) as part of the security they choose to implement to protect their own content, platform, applications, systems, and networks, no differently than they would for applications in an on-site data center. As you'll see in the diagram below, Okta fills a significant slot in the security of your cloud or hybrid environment.

In today's tech-centric business world, security can't be ignored. But security solutions aren't all created equal. You need a managed service that is specifically built to run on the cloud—one that's easy to administer and doesn't create friction for users.

Customer Use Case: Adobe

Adobe

Challenge: A small internal IT team was managing access to 300+ cloud applications with a solution built in-house

Solution: Adobe engaged Okta to deliver a comprehensive authentication layer across all Adobe Creative Cloud for enterprise

Outcome: Adobe uses Okta to offer a comprehensive identity management layer to all its enterprise customers, including Adobe Marketing Cloud and Adobe Document Cloud, as well as Creative Cloud.

☑ The Okta Solution

Protect Customer Accounts, Increase Marketing Effectiveness, and Go Live Faster with Modern Customer Identity Management (CIAM)

Okta provides you with an easy-to-implement IAM solution with support for industry standard protocols that include OAuth 2.0, SAML, OpenID Connect (OIDC), and WS-Fed, depending on your security needs and infrastructure setup. You can use OAuth 2.0 framework to authorize a users' access from Identity Providers (IdP) like Facebook or Google. OIDC adds an identity layer on top of OAuth 2.0 which grabs basic profile information from the user from a Social IdP and verifies their identity. Okta offers a simple to use JavaScript widget, SDK, and other authentication libraries so that you can easily incorporate an identity layer in your application.

This functionality grants secure, streamlined access to your applications on AWS using services such as Amazon S3, AWS Lambda, and AWS API Gateway. You can also include multi-factor authentication (MFA) in the authentication process optionally.
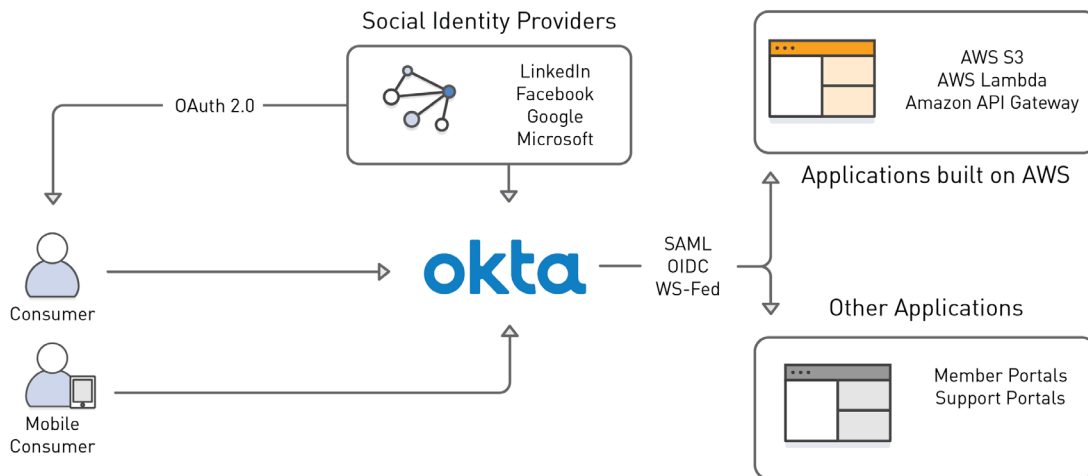
Okta and AWS

Okta was born and built on Amazon Web Services (AWS). It leverages several AWS services such as Amazon Elastic Compute Cloud (Amazon EC2), AWS Key Management Service (AWS KMS), and Amazon CloudFront and is architected over multiple regions and Availability Zones (AZs), making it reliable and highly available. AWS takes care of the security of the cloud. Okta helps secure your applications and data in the cloud. That leaves you free to focus on building awesome products.

Find the right Okta + AWS Identity & Access Management solution for your organization. Read all four of our solution briefs:

1 Employees & Applications Efficiently provide and revoke secure application access to your to employees

2 Developers & Services Secure access to your AWS Management Console, with multiple AWS accounts

3 Partners & Portals Grant business partners and suppliers secure access to only the data they need

4 Customers & Products Allow customers to securely and easily access your web-site or applications

Get started and learn more about Okta on AWS: https://www.okta.com/partners/aws/
Check out the Okta Developer Portal: https://developer.okta.com