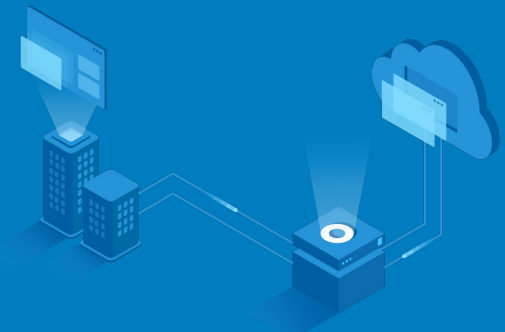# okta

Simplify and Strengthen Access to On-Prem Apps and Hybrid IT

Dealing with the complexities of hybrid IT and multi-cloud strategies has become a major challenge for today's enterprises. Even as organizations look to the cloud to modernize, hybrid IT has become the norm with organizations relying on business critical on-premises web applications in concert with business apps and services from multiple cloud providers. In fact, Gartner predicts that "75% of organizations will have deployed a multi-cloud or hybrid cloud model for IT by 2020."* While on-premises web apps play a critical role in hybrid IT environments, too many organizations make the serious mistake of continuing to rely on outdated on-premises single sign-on solutions to protect and secure access to those on-premises web apps.

Legacy Single Sign-On
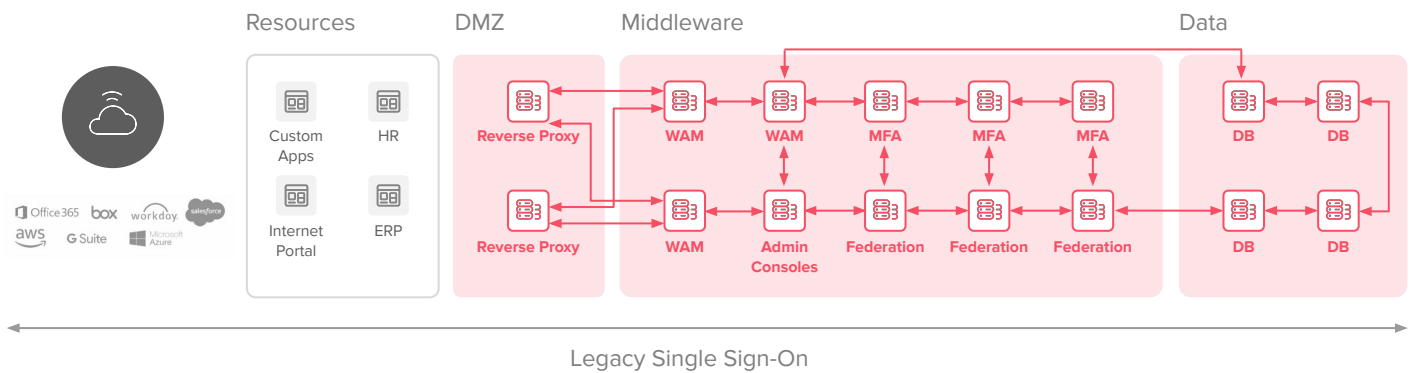
The large array of servers and networking components you need to deploy and manage just to run on-premises access management solutions significantly drives up your infrastructure and administration costs, especially as you try to scale. Plus, they force you to manage your on-premises web apps and your cloud systems with disparate access management solutions, making it extremely difficult to implement consistent access policies and user experiences across your hybrid IT environment. Perhaps of even greater concern is how the deprecation of legacy on-premises access management solutions puts them and the web apps you're trying to protect at greater risk to security vulnerabilities.

"By 2022, IDaaS will be the chosen delivery model for more than 80% of access management deployments globally"

Gartner.

Gartner's Magic Quadrant for Access Management, Worldwide 2018

"The biggest benefit of using IDaas compared to on-premises IAM solutions is a 30% to 35% lower ongoing maintenance rate"

FORRESTER®

Forrester Wave: Identity-As-A-Service, 2017

You can eliminate those risks, inconsistencies, and complexities by leveraging Okta as your single, unifying identity provider for your hybrid IT environment. As the leading enterprise identity provider, the Okta Identity Cloud securely connects organizations' employees, partners, suppliers, and customers to the tools and resources they need. And with Okta Access Gateway, that includes delivering its access management controls, such as single sign-on and adaptive multi-factor authentication, from the cloud to your on-premises web apps.

A single, unifying platform that controls access to everything

In a typical hybrid IT environment, organizations often use different identity solutions to protect their cloud apps, hosted cloud services, and on-premises web apps. Okta lets you protect all your cloud and on-premises resources with a single identity provider. And with the native integrations and on-prem integration patterns included in Okta Access Gateway, you don't have to make any changes to your on-premises web apps to take advantage of the modern security benefits that Okta delivers.

With Okta as the single identity provider for your entire IT, you no longer have to deal with the costs and complexities of maintaining multiple identity providers. Okta simply eliminates the need of having dedicated identity stacks for each type of resource. It also lets you to take advantage of its security intelligence and insights to better protect your on-premises web apps from large scale threats and attacks.

> Okta Access Gateway provides native integrations for the most popular and complex on-premises web applications, including Oracle eBusiness Suite, Peoplesoft, JD Edwards, SharePoint, Qlik, and your custom web apps. It also leverages on-premises integration patterns, such as Kerberos, IWA, and reverse proxy Header-Based authentication to integrate with any on-premises web applications without changing their source code.

Cloud Apps

Okta Identity Cloud

Okta Access Gateway

Internet Portal | ERP | Custom Apps | HR

On-Prem Apps
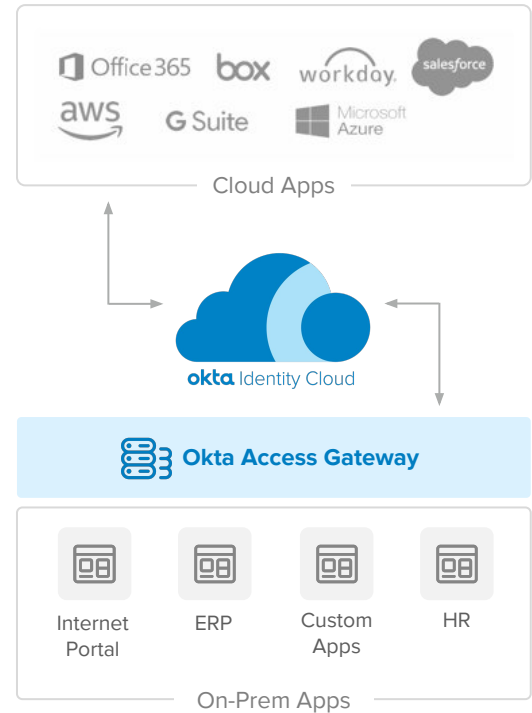
Consistent user experiences with less administration effort

As your single identity provider, Okta enables you to manage your identities and access policies from the same place. You no longer have to configure profiles and policies in multiple systems, saving you significant administration time and effort, while enabling you to easily and seamlessly deliver a consistent sign-on experience for all your users, regardless of whether they're accessing cloud or on-premises apps.

Okta also strengthens your overall security by eliminating security gaps that often comes from inconsistent application of policies between different access management systems. For example, the policies you set for multi-factor authentication will apply to every user, no matter what resource they're logging into. Plus, if a user needs a password reset, that reset automatically applies to all your Okta protected resources in your hybrid IT environment.

Smaller IT infrastructure and stronger security posture

As a cloud service, Okta employs a simple deployment model that doesn't require the additional middleware and database services that on-premises access management solutions require. In fact, when you take advantage of Okta to protect your on-premises web apps, you can dramatically shrink your overall infrastructure as you retire those legacy on-premises SSO solutions and the vast amount of physical hardware they require, as well as their associated operational burden and maintenance costs.

Another operational burden that Okta greatly reduces is system updates and patches. We automatically update our cloud service every week without outages and without administrative involvement from your team. Okta also does away with VPN related hassles that negatively impact your users and admin staff. Instead, Okta provides your users seamless and secure access to your internal and cloud apps through standard browsers.

Better protect hybrid IT

Okta serves as your single identity provider to protect access to all your hybrid IT resources, whether they exist in the cloud or on-premises. It provides that protection by seamlessly interacting with your on-premises apps without changing how those apps work. It unifies your security policies and user experiences, while dramatically reducing your infrastructure size and administration costs compared to legacy on-premises SSO solutions. Additionally, Okta strengthens your security by consistently employing modern access management measure across all your hybrid IT resources, while allowing you to migrate away from the security risks of deprecated on-premises access management platforms.

To learn more about how Okta Access Gateway can secure access to the on-premise web applications in your hybrid IT environment, visit our website www.okta.com/products/access-gateway.

Learn how to use Okta to protect your hybrid IT

About Okta

Okta is the leading provider of identity for the enterprise. The Okta Identity Cloud connects and protects employees of many of the world's largest enterprises. It also securely connects enterprises to their partners, suppliers and customers. With deep integrations to over 5,000 apps, the Okta Identity Cloud enables simple and secure access from any device. Thousands of customers, including Experian, 20th Century Fox, LinkedIn, Flex, News Corp, Dish Networks and Adobe trust Okta to work faster, boost revenue and stay secure. Okta helps customers fulfill their missions faster by making it safe and easy to use the technologies they need to do their most significant work. For more information, visit us at www.okta.com or follow us on www.okta.com/blog.