Okta and Cisco Cloudlock:
User, Content, and Data Security for the Cloud

With the meteoric growth of cloud-based applications and the data that fuels them, and a newly mobile global workforce, it's more important than ever to ensure that every user accessing cloud apps is authorized—and that they're acting appropriately once they've gained access.
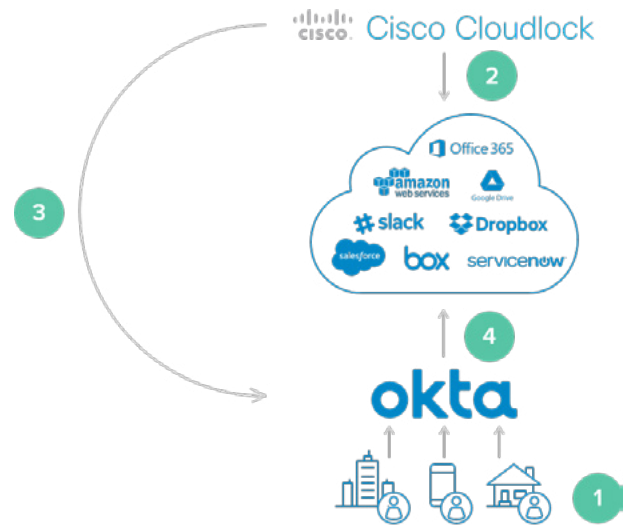
Okta and Cisco Cloudlock have partnered to safeguard cloud-based data, and protect against hacks and compromised accounts. Okta and Cisco Cloudlock combine Cisco's cloud-native Cloud Access Security Broker (CASB) platform with Okta's integrated identity as a service (IDaaS) tools to create robust protection for the cloud, from the cloud.

Okta connects and protects employees of many of the world's largest enterprises and also securely connects enterprises to their partners, suppliers, and customers. Cisco Cloudlock protects data, and apps in the cloud by providing a policy-based, automated approach to detect risks and take remediating steps, such as quarantining files and revoking external shares.

Working together, these industry-leading applications make identity management and data protection an integral part of your cloud security strategy.

How it works

Okta with Cisco Cloudlock protects your end users and cloud applications such as Salesforce, Box, and Office 365. An end user logs in and authenticates with single sign-on through Okta, which centralizes control over access entitlements and sign-on security.

Cisco Cloudlock complements Okta by providing control over what's going on in the cloud environment, once a user has successfully logged in.

The Okta/Cisco Cloudlock integration is seamless and transparent to the end user—as long as their behavior isn't out of the ordinary. If the end user

does something irregular, such as downloading every contact from Salesforce, Cisco Cloudlock will detect the suspicious activity, take action (such as send an admin notification), and alert Okta. Okta can then move the user to a high-security group, and trigger one or several native actions, such as terminating all open sessions and forcing the user to log back in, forcing a multi-factor authentication challenge, or taking other action, depending on how policies and protocols have been set.

Okta & Cisco Cloudlock Orchestrated Security

1. User login through Okta

2. Cloudlock detects suspicious behavior

3. Cloudlock informs Okta to attribute user to new risk group

4. Okta applies security measures such as MFA and lock-out user

Okta and Cisco Cloudlock Integration

Okta with Cisco Cloudlock can help organizations with:

- **Seamless and strong authentication** through Okta single sign-on (SSO) and multi-factor authentication (MFA)

- **User/entity behavior analytics (UEBA)**, to detect potentially malicious behavior, such as repeated unauthorized application access requests, and react accordingly

- **Policy automation**, to manage all security incidents centrally for trend analysis and compliance with industry regulations

- **Data management and data loss prevention** (DLP), to prevent individual and mass security breaches

Together, Okta and Cisco Cloudlock deliver orchestrated response-actions, strengthening cloud security, and freeing up valuable cycles for security teams, which are typically inundated with too many alerts and priorities. Policies and remediation actions are easily configured in both Okta and Cisco Cloudlock thanks to user-friendly, cloud-based interfaces. Everything is API-driven, so there's no on-premise hardware or software to manage, and no interruption of end user workflow to fully enable cloud adoption.

Why choose Okta with Cisco Cloudlock

Okta with Cisco Cloudlock offers an API-driven, cloud-based solution that helps security teams combat complex cyberthreats. You can:

- **Monitor and analyze** all users both login and in-app activities (such as file download) to enrich security intelligence

- **Automatically respond** to suspicious activity, before data and applications are impacted

- **Gain unprecedented insight** and control into both on-premises and cloud environments

About Okta

Okta is the foundation for secure connections between people and technology. By harnessing the power of the cloud, Okta allows people to access applications on any device at any time, while still enforcing strong security protections. It integrates directly with an organization's existing directories and identity systems, as well as 4,000+ applications.

Because Okta runs on an integrated platform, organizations can implement the service quickly at large scale and low total cost.

Thousands of customers, including Adobe, Allergan, Chiquita, LinkedIn, and Western Union, trust Okta to help their organizations work faster, boost revenue, and stay secure.

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