

Control, Manage, and Scale APIs Securely

Keeping track of all your APIs and how they're being used is a challenge even when they're only being used by developers within your organization. Making your APIs available to outside developers—to grow your apps into a commercial platform, for example—means opening up your ecosystem to potentially thousands of developers making tens of millions of API calls per day. To make that possible, you must maintain API version controls, secure and manage those APIs, and know that they can scale appropriately. Ideally, you also want to use one API Manager to provide multiple services to different user types.

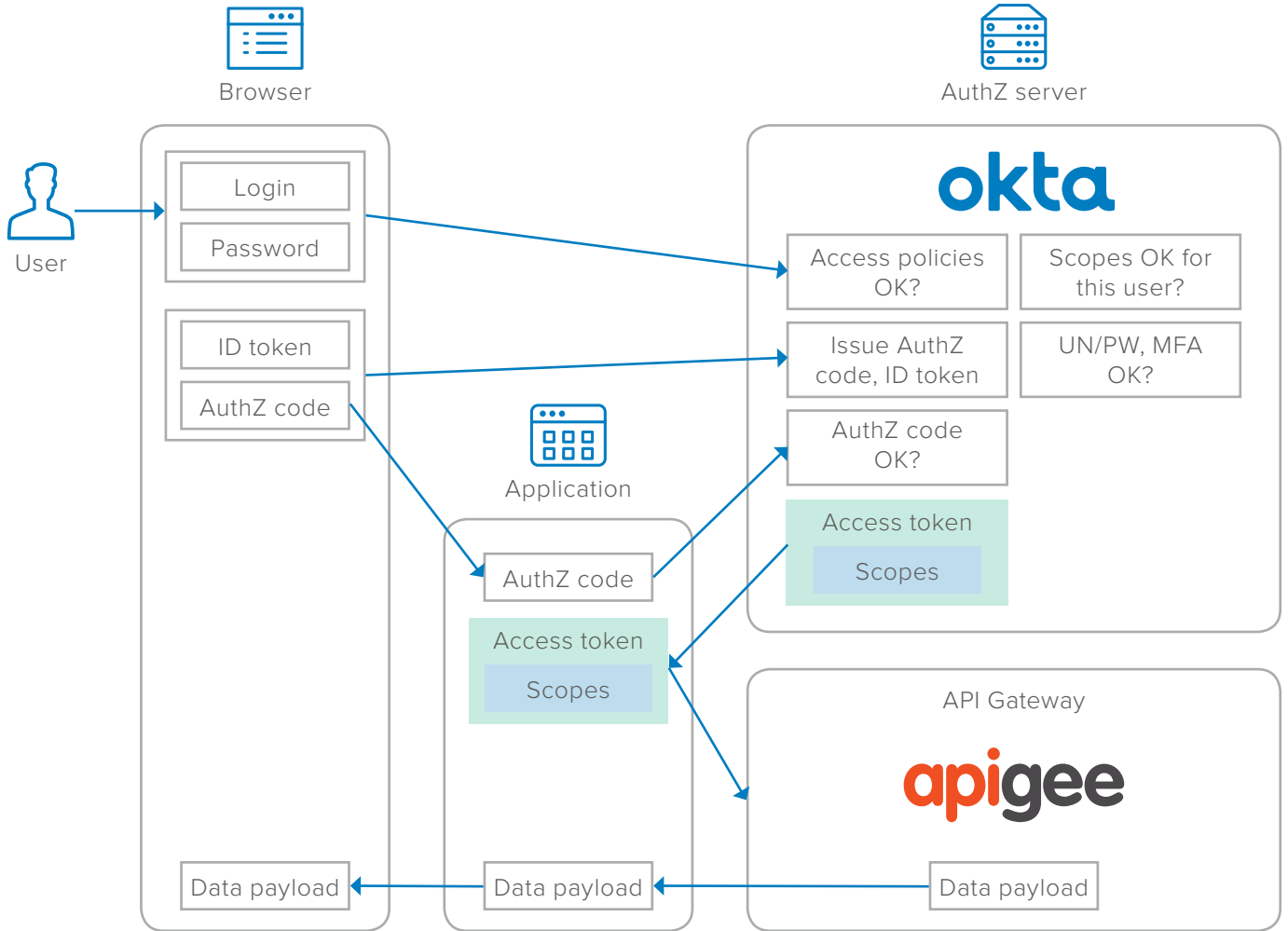
Okta and Apigee work together for easy and effective control over who has access to your APIs and how they can use them.

The Okta + Apigee integration provides full lifecycle API management with identity-driven security.

When you deploy Okta integrated with Apigee, you can:

- **Create, test, publish, and produce APIs** from a single environment, and automatically generate API documentation.
- **Maintain tight version control**, so developers are always accessing the correct version of any API at all times.
- **Define access** with flexible policies based on user profile, groups, network, client, and consent.
- **Update or revoke access** to APIs instantly with user permissions based on user profile and status.
- **Provision API access** as easily as you provision application access.
- **Meter usage** to ensure that developers are accessing APIs only as often as your agreements allow.
- **Create, maintain, and audit** API access policies from one user-friendly console—no custom coding required.

Authentication & Authorization: ID Token + Code Flow



How Okta and Apigee Work Together

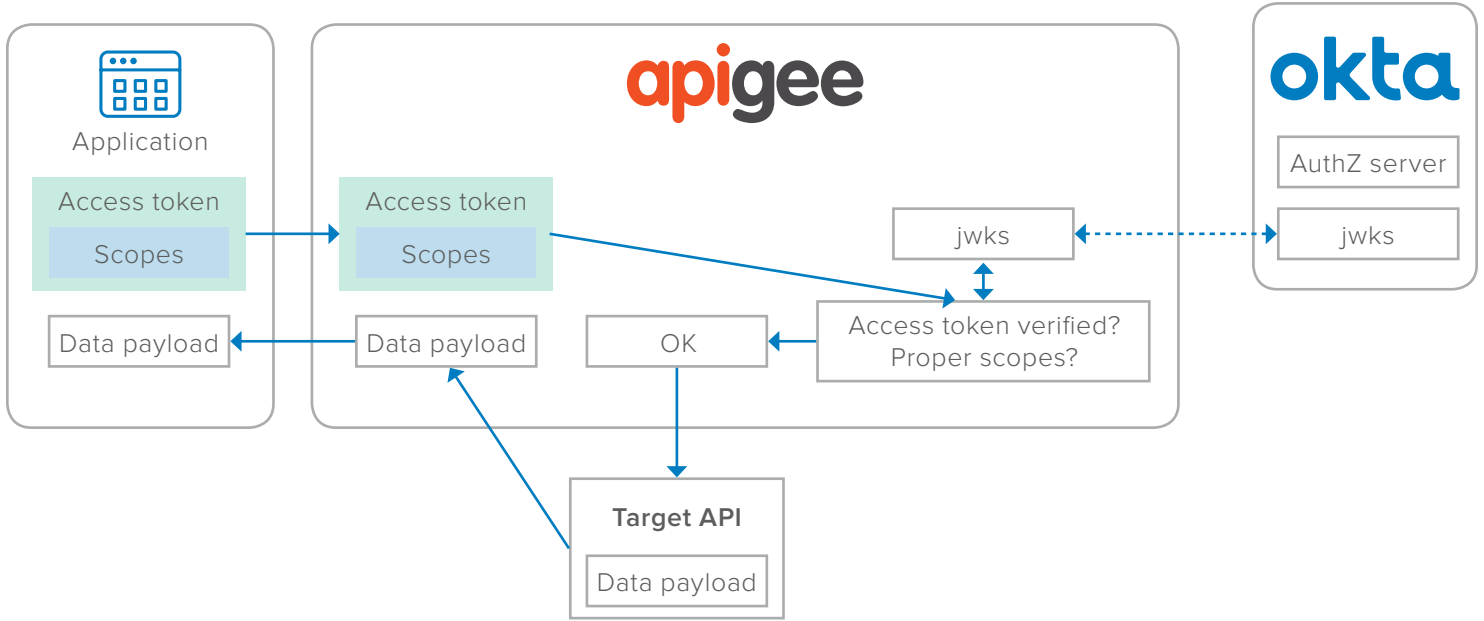
Okta API Access Management provides easy, centralized, identity-driven access management for all your APIs and users. The Apigee API Platform provides tools for managing the entire API lifecycle—from design through implementation, management, and monetization—in one place. Including powerful tools for version control, access metering, and generating documentation, this integration puts control of the process back in the hands of IT, while giving developers everything they need to build, maintain, secure, and scale their APIs.

Integrating Okta’s identity management with the Apigee API platform adds context and security to API requests. Consider this example: A solar energy provider, a utility company, and a customer all need data on solar usage.

Users accessing the API might be internal employees stored in Active Directory, or B2B partners federating via SAML, or external consumers using Facebook to log in. With Okta’s modern, identity-driven approach to API access management, the APIs and Gateways don’t need to worry about this diversity of authentication—Okta will handle the authentication and grant the appropriate access tokens based on policies you’ve set up through the simple Okta admin UI.

The Apigee API Platform provides the tools to design, secure, analyze, and scale your APIs. This solution offers out-of-the-box integration, standard compliant support for OAuth 2.0, a flexible, identity-driven policy engine, and easy, centralized administration across APIs.

Sending an Access Token to API Gateway: Apigee



Deploy and Manage Your APIs—Securely

With Okta and Apigee, you get all the tools you need to turn your APIs, apps, and data into a revenue stream. Together, these powerful solutions give you:



Reusability—Future-proof your API management investment by ensuring easy, secure access control for all the APIs you build and manage with Apigee.



Flexibility—Provision APIs from a simple, centralized, secure console.



Simplicity—Deploy APIs with just a few clicks, streamline management and version control, and add context to your APIs.



Security—Protect your APIs with identity-driven access management and enterprise-grade security, traffic management, and threat protection.



Accountability—Track how and where your APIs are being used with advanced analytic tools.



Scalability—Create APIs and apps that can grow with your company, safely and securely, to create new revenue streams.

With Okta and Apigee working together, you can build, secure, manage, scale, analyze, and connect all your APIs, making them safely available to all authorized users whether local or remote, and create the foundation for new sources of revenue and growth. You recentralize access control for IT, and can prevent the type of API creep that often happens with a less modern approach to API access control and management.

For more information on this integration, go to okta.com/partners/apigee.

If you have more questions, please contact our sales team at okta.com/contact-sales.

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.

<https://okta.com>