



OAuth Server[™] is an enterprise authentication and authorization product. It provides a comprehensive security token server that integrates with enterprise identity and access management systems providing the latest Web and API security standards including OpenId and OAuth.

OAuth Server Share Data Securely for Mobile, APIs and Web Apps

Enterprises can no longer be effective unless they have the ability to share their own data, and the data of other organizations, freely and securely among Web applications, mobile devices, and through APIs. With all Web transactions requiring some form of data communication, the need for easy access and transmission of information is crucial for enterprises that are conducting business and delivering content online. In order for that to happen effectively, data must be secure and transmitted in a reliable, governed infrastructure.

Use Secure Data to Enable New Business Channels

Akana OAuth Server is an enterprise authentication and authorization server that provides a comprehensive suite of functionality to enable and manage the secure communication of data across the Internet and private networks. It extends and integrates with existing enterprise identity and access management systems to allow users to use their credentials to login and control access to their data from partner and cloud applications using the latest Web and API security standards including OAuth and OpenID.

With the OAuth Server, businesses can provide a way for users to share private data between different applications, and allow users to approve applications to act on their behalf without sharing passwords. It offers a sophisticated Web-based UI that is an extension of Akana's Enterprise API Platform.

Increase the Reach of Your Data

Consumers of enterprise software are accessing data from a growing number of sources. The ease of development and adoption of APIs has led to an explosion in the use of mobile devices and Web applications as channels for conducting online transactions. No longer the domain only of innovators, it's become an economic imperative for enterprises to adapt and make their data accessible in the ways that consumers want to use them.

Extending the reach of your data means an almost exponential increase in your potential user base. But whether you're trying to sell more goods, gain more users, or communicate more broadly, it is essential that the data you use to deliver to your users (whether it's from your organization, a partner organization, or from another known third-party) is known, reliable and secure. OAuth Server provides that secure environment so that administrators and business managers can easily identify and manage which applications they want to interact with.

Enable Productivity

The value of OAuth Server is realized in two ways: 1) you have greater flexibility and control over the data you integrate with and use to present to your users, and 2) your users (internal or external) will be able to seamlessly work on a wide variety of applications without having to constantly log-in and log-out. Both of these advantages will make your organization more productive, and the results will be realized in how quickly and effortlessly it will be to access data.

Standards-based

OAuth Server provides comprehensive, standards-based authentication and authorization capabilities to the enterprise, and includes:

- Integration with Most Enterprise Identity and Access Management Systems includes LDAP, Active Directory, CA SiteMinder, Oracle Access Manager, IBM TAM, RSA ClearTrust and more.
- Open Specifications Support includes support for the OpenID, OAuth 1.0a, OAuth 2.0 and SAML specifications along with a wide array of other authentication and authorization specifications.
- Authorization Management a fully brandable user experience allowing businesses to integrate OAuth seamlessly into their existing applications.
- Built-in grant management allows users to confidently make and manage their authorization decisions.
- Support for Multiple Providers OAuth Server allows for provider support based on each one's own set
 of resource and grant definitions, allowing the enterprise to offer a range of different OAuth services for
 different applications and purposes.
- Interoperability guaranteed interoperability with most common systems, based on extensive lab and field interoperability testing.

ICME AUTHORIZATION	
APP Test App 1.0	
	AUTHORIZE
ABOUT THIS APP	THIS APP WILL RECEIVE
V1	The money resource

Centrally Managed Access Control

OAuth Server allows users to centrally manage the applications they want to interact and share private data with. Security features include:

- Authentication Policy Options Choose from a wide array of authentication schemes, standards and token types to ensure that only valid users and applications get access to your APIs.
- Enterprise OAuth Use your existing enterprise security systems to create an OAuth authorization server so your users can manage access rights for their own data.
- Advanced Cryptography Ensure the privacy of customer data with sophisticated encryption and signature capabilities.

Secure Mobile Identity

Mobile device users can seamlessly access data from multiple enterprise and cloud applications with the help of these features:

- Single-Sign-On for Mobile Applications Use enterprise credentials for single-sign-on to native and browser-based applications without sharing passwords.
- Mobile Application Authorization Centrally manage authorizations for mobile applications.

API Platform Integration

Akana's OAuth Server offers deep integration with the company's Enterprise API Platform, which allows customers to extend enterprise security to their APIs:

- Resource to API Mapping Define how OAuth resources map to APIs to enforce authorization decisions at the edge of your network.
- Choose OAuth Options in API Configuration Allow customers to tailor the OAuth capabilities offered by the APIs for mobile, desktop, or browser applications, as well as specific security requirements.



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