Alibaba Cloud

Identity as a service
Product Introduction

Alibaba Cloud

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Document conventions

Style	Description	Example
⚠ Danger	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	⚠ **Danger:** Resetting will result in the loss of user configuration data.
🔔 Warning	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	🔔 **Warning:** Restarting will cause business interruption. About 10 minutes are required to restart an instance.
🔊 Notice	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	🔊 **Notice:** If the weight is set to 0, the server no longer receives new requests.
⑦ Note	A note indicates supplemental instructions, best practices, tips, and other content.	⑦ **Note:** You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click **Settings> Network> Set network type**.
Bold	Bold formatting is used for buttons , menus, page names, and other UI elements.	Click **OK**.
Courier font	Courier font is used for commands	Run the `cd /d C:/window` command to enter the Windows system folder.
Italic	Italic formatting is used for parameters and variables.	`bae log list --instanceid` *Instance_ID*
[] or [a|b]	This format is used for an optional value, where only one item can be selected.	`ipconfig [-all|-t]`
{} or {a|b}	This format is used for a required value, where only one item can be selected.	`switch {active|stand}`

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1.What is IDaaS?

Alibaba Cloud Identity as a Service (IDaaS) is a centralized platform that provides management over identities, permissions, and applications for enterprise users. You can use this service to integrate and manage identities in your office administration system, business system, and third-party SaaS systems deployed on premises or in the cloud. In this way, you can access all applications and services with one account.

Features

- Provides single sign-on that allows a user to log on to multiple application systems with a unified account.
- Provides centralized authentication management for employee logon.
- Provides employees with a centralized platform to access enterprise information systems.

Integration with other applications and services

Interaction of IDaaS and RAM

Implement single sign-on for JIRA or Confluence

WordPress-SAML application usage

Contact us

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2.Features

This topic decribes the features provided by Alibaba Cloud Identity as a Service (IDaaS). The features include unified accounts across applications, centralized application management, unified authentication, unified authorization, and log auditing.

Features	Description
Unified account	With a unified account, an employee can log on to multiple application systems instead of maintaining different logon accounts for different applications. These logon accounts are associated with the unified account to facilitate centralized lifecycle management of employee account information. A unified account provides the following features: • The directory of user information in the enterprise architecture • Account information synchronization • Account information lifecycle management
Unified authentication	Collects multiple authentication factors and issues encrypted identity credentials to the servers of different applications for unified authentication and single sign-on. • Supports external authentication sources such as LDAP, WeChat, and DingTalk. • Provides MFA and supports mainstream authentication methods, such as account and password authentication, account and SM2-encrypted password authentication, SMS verification code, OTP code, voiceprint, fingerprint, facial recognition, and certificate authentication.
Centralized authorization	Implements centralized management over the roles that are used to access an application. You can create a role for an account, a group, and an organization unit, and assign to the role permissions on specific application resources such as menus, buttons, and backend data. In this way, IDaaS ensures fine-grained permission management and prevents unauthorized operations.
Application	Provides centralized management over accounts and their permissions to access applications in the private and public clouds of enterprises, mobile applications, and IoT devices.
Audit	Audits user operations to facilitate the usage efficiency of enterprise resources.

3.Benefits

Alibaba Cloud Identity as a Service (IDaaS) is a comprehensive platform that provides account, authentication, authorization, application, and audit features including multi-tier authorization.

- IDaaS is compatible with popular SaaS services. You can enable the feature and use services without much configuration.

- IDaaS is an SaaS, which helps reduce your O&M costs.

- You can scale up an instance specification based on your business needs to avoid unnecessary costs.

- IDaaS implements centralized permission management to avoid information leakage. When an employee leaves a company, the administrator can easily revoke all application permissions assigned to the account of the employee.

4.Scenarios

This topic describes the scenarios where you can use Alibaba Cloud Identity as a Service (IDaaS).

You can use IDaaS in the following scenarios:

- Use IDaaS to manage third-party applications in a centralized manner

  IDaaS hosts software applications in a centralized platform and provides a set of accounts for employees. An employee can log on to the platform with an account and use various network services, including network services used by enterprise suppliers, contractors, and other partners.

- Use IDaaS to integrate and develop the enterprise office administration system

  IDaaS provides a system that integrates the account management, authentication, and authorization features. You can use IDaaS in the following scenarios:

  - Create an account for an employee, assign permissions on certain applications, and change permissions when the employee no longer requires permissions.
  - Enable single sign-on so that an employee can use an account to log on to a system and access multiple applications instead of maintaining different logon accounts for different applications.
  - Develop new application systems.

- Use IDaaS to develop business systems that you provide for customers

  IDaaS provides the user pool feature. You can create a user pool and call the IDaaS API to complete user registration, logon, and logout. This helps you reduce the workload on authentication, authorization, account, and audit and focus on developing applications to boost business growth.