

Identity and Access Management

What's New

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1 Release History of New Features



The following tables describe the features released in each IAM version and corresponding documentation updates. New features will be successively launched in each region.

January 2022

No.	Feature	Description	Phase	Document
1	Agency authorization by enterprise project	You can flexibly grant permissions for using specified enterprise projects to other accounts.	Commercial use	Creating an Agency

December 2021

No.	Feature	Description	Phase	Document
1	Authorization by enterprise project	You can assign permissions to enterprise projects' users and user groups on the IAM console without going to the Enterprise Center.	Commercial use	Assigning Permissions to a User Group

No.	Feature	Description	Phase	Document
2	Recommending authorization scope based on permissions	An authorization scope is recommended based on selected permissions to comply with the principle of least privilege.	Commercial use	
3	Creation of custom policies during authorization	You can create custom policies during authorization.	Commercial use	Creating a Custom Policy

September 2021

No.	Feature	Description	Phase	Document
1	Permissions management upgraded	<ul style="list-style-type: none"> You can view permissions assigned to specific users, user groups, or agencies. All authorization records under your account are displayed on the Permissions > Assignment page. You can view authorization records by IAM or enterprise projects. 	Commercial use	Viewing Authorization Records
2	Information self-management	<ul style="list-style-type: none"> If information self-management is enabled, all IAM users can manage their own Basic Information (login password, mobile number, and email address). If information self-management is disabled, only administrators can manage their own basic information. 	Commercial use	Information Self-Management

April 2021

No.	Feature	Description	Phase	Document
1	Federated user login	After the administrator of your enterprise creates an identity provider and configures identity conversion rules on HUAWEI CLOUD, federated users can log in to HUAWEI CLOUD using their account names and passwords for the enterprise identity system. Then these users can use cloud services based on assigned permissions.	Commercial use	Logging In as a Federated User

March 2021

No.	Feature	Description	Phase	Document
1	HUAWEI CLOUD login with a HUAWEI ID	A HUAWEI ID is a unified identity that you can use to visit all websites of Huawei. Now you can use your HUAWEI ID to log in to the HUAWEI CLOUD management console.	Commercial use	Logging In to HUAWEI CLOUD
2	Display of access type, MFA device binding status, password age, and access key status in the user list	The administrator can select the displayed items of the user list. The available items include description, last login time, creation time, access type, MFA device binding status, password age, and access key status.	Commercial use	Viewing or Modifying IAM User Information

February 2021

No.	Feature	Description	Phase	Document
1	Customization of agency validity period	The administrator can customize the validity period when creating or modifying an agency. An agency can be of unlimited validity or be valid for 1 day or a specific number of days (1 to 365).	Commercial use	Creating an Agency

January 2021

No.	Feature	Description	Phase	Document
1	Access key management	<ul style="list-style-type: none"> If you enable access key management, only the IAM users who have been granted the required permissions can manage (create, enable, disable, and delete) their own access keys. If you disable this option, all IAM users can manage access keys. 	Commercial use	Access Key Management

December 2020

No.	Feature	Description	Phase	Document
1	Access type changed for IAM users	<p>The administrator can change the access type of an IAM user on the Basic Information page.</p> <p>The following access types are supported:</p> <ul style="list-style-type: none"> • Programmatic access • Management console access • Programmatic access and management console access 	Commercial use	Modifying Basic Information

November 2020

No.	Feature	Description	Phase	Document
1	OpenID Connect-based federated identity authentication	<p>You can configure OpenID Connect-based identity authentication to federate users to HUAWEI CLOUD. To do this, create OAuth 2.0 credentials in your enterprise IdP, create an OpenID Connect identity provider in HUAWEI CLOUD, configure authorization information and identity conversion rules, and add the login link of HUAWEI CLOUD to your enterprise IdP. In this way, users in your enterprise can log in to HUAWEI CLOUD through single sign-on (SSO).</p>	Commercial use	OpenID Connect-based Federated Identity Authentication

No.	Feature	Description	Phase	Document
2	New edition of the Account Security Settings page now available	<ul style="list-style-type: none"> The Security Settings menu in the navigation pane is now named Account Security Settings. The administrator can configure login authentication and password policies, ACL, and operation protection to keep user information and system secure. 	Commercial use	Account Security Settings

March 2020

No.	Feature	Description	Phase	Document
1	Policy-based access control	You can grant users required permissions using system-defined and custom policies.	Commercial use	Policies

January 2020

No.	Feature	Description	Phase	Document
1	New edition of user group and agency authorization pages	<ul style="list-style-type: none"> The Policies menu in the navigation pane is now named Permissions. "RBAC policy" and "fine-grained policy" are now called "system-defined role" and "system-defined policy". Together, system-defined roles, system-defined policies, and custom policies are called "permissions". A system-define policy with read-only permissions for IAM is now available. You can now grant users permissions using multiple policies or roles or assign permissions for multiple projects at a time. 	Commercial use	<ul style="list-style-type: none"> Basic Concepts Change to the System-Defined Policy Names Creating a User Group and Assigning Permissions

November 2019

No.	Feature	Description	Phase	Document
1	Higher custom policy quota	You can create up to 200 custom policies.	Commercial use	Notes and Constraints

September 2019

No.	Feature	Description	Phase	Document
1	Visualized custom policy creation	You can create custom policies using the visual editor or in JSON view. With the visual editor, you can easily create a custom policy by specifying the cloud service, actions, resources, and request conditions. You do not need to have knowledge of JSON syntax.	Commercial use	Creating a Custom Policy

Earlier Feature Releases

Table 1-1 August 2018

No.	Feature	Description	Phase	Document
1	Session timeout setting	You can set the session timeout that will apply if you or users created using your account do not perform any operations within a specific period.	Commercial use	Session Timeout

Table 1-2 April 2018

No.	Feature	Description	Phase	Document
1	Policy-based access control	You can grant users required permissions using system-defined and custom policies.	OBT	Policies