SoftWare Repository for Container

What's New

Issue 01
Date 2025-04-17

Security Declaration

Vulnerability

Huawei's regulations on product vulnerability management are subject to the *Vul. Response Process.* For details about this process, visit the following web page:
https://www.huawei.com/en/psirt/vul-response-process
For vulnerability information, enterprise customers can visit the following web page:
https://securitybulletin.huawei.com/enterprise/en/security-advisory

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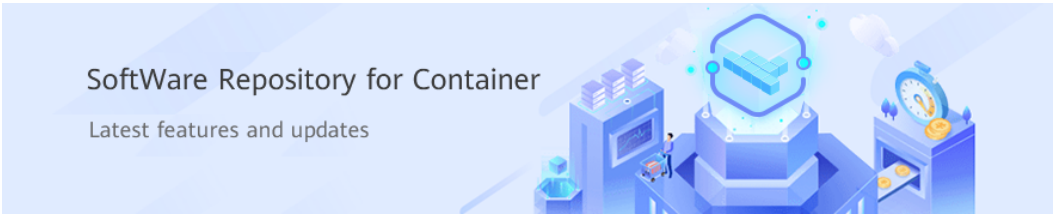
The following tables describe the features released in each SoftWare Repository for Container (SWR) version and corresponding documentation updates.

November 2024

No.	Function	Description	Phase	Documentation
1	IAM fine-grained authorization	IAM fine-grained permission control was supported. You can flexibly assign different permissions to IAM users and user groups in your account.	Commercial use	**Permissions and Supported Actions**

August 2020

No.	Function	Description	Phase	Documentation
1	Adding a trigger	SWR works with Cloud Container Engine (CCE) to achieve automatic application update. When images are updated, these new images can be automatically deployed to update the applications that use these images. This could be realized by adding a trigger to the desired images.	Commercial use	**Adding a Trigger**

November 2019

No.	Function	Description	Phase	Documentation
1	Adding an image retention policy	You can add a retention policy to an image in SWR to automatically delete any unused image tags. Image tags can be retained based on either how many days it has been since they were pushed to SWR or how many tags have been pushed to SWR. The policy takes effect immediately after you set it.	Commercial use	**Adding an Image Retention Policy**

February 2019

No.	Function	Description	Phase	Documentation
1	Configuring automatic image synchronization	Images and image updates can be automatically synchronized between regions.	Commercial use	**Configuring Automatic Image Synchronization Between Regions**

November 2018

No.	Function	Description	Phase	Documentation
1	Image Center	Image Center provides a large number of public images. You can add public container images as your favorites and push them to your repository.	Commercial use	**Image Center**

July 2018

No.	Function	Description	Phase	Documentation
1	P2P image pull acceleration	SWR uses P2P acceleration for faster concurrent image pulls to CCE clusters.	Commercial use	**Advantages**

April 2018

No.	Function	Description	Phase	Documentation
1	Sharing a private image	After pushing a private image, you can share it with other users and grant them permissions to pull the image.	Commercial use	**Sharing a Private Image**

No.	Function	Description	Phase	Documentation
2	Fine-grained permission management based on organizations and images	Image resources can be isolated. Different IAM users have different permissions to access one image or images in one organization. The permissions include **Read**, **Edit**, and **Manage**. **Read**: Users can pull images. **Edit**: Users can pull and push images, edit image attributes, and add triggers. **Manage**: Users can perform all operations on images.	Commercial use	**User Permissions**

March 2018

No.	Function	Description	Phase	Documentation
1	SoftWare Repository for Container (SWR) is available to individual and enterprise users for the first time.	SoftWare Repository for Container (SWR) allows you to easily manage the full lifecycle of container images and facilitates secure deployment of images for your applications. SWR can either work with CCE or be used as an independent container image repository.	Commercial use	**SoftWare Repository for Container (SWR)**