Azure Container Registry (ACR) provides storage of private Docker container images, enabling fast, scalable retrieval, and network-close deployment of container workloads on Azure. Additional capabilities include geo-replication, image signing with Docker Content Trust, and Helm Chart Repositories. Azure Container Registry has tiered per day and use costs.

In contrast, GitLab provides a container registry which is built-in part of the product (i.e. no extra costs beyond standard tiered licensing costs for the single GitLab application which provides capabilities for the entire DevOps lifecycle).
## Feature Comparison

### Docker image support
- Supports storage and retrieval of Docker style containers.
- Learn more about the GitLab container registry

### Container registry webhooks
- Trigger actions after a successful push to a registry to integrate Docker Hub with other services.
- Learn more about GitLab registry webhooks

### Container registry high availability
- Highly available through the use of multiple replicas of all containers and metadata such that if a machine fails, the registry continues to operate and can be repaired.
- Learn more about GitLab high availability

### Container Registry geographic replication
- Supports distributed teams by running multiple registry instances across several regions and syncing between data centers.
- Learn more about GitLab replication

### Supports private container registries
- Offers the ability to have private container registries and repositories
- Learn more about GitLab private container registries

### SaaS container registry offering
- The container registry is available as a software service.
- Learn more about the container registry available on GitLab.com

### Self-managed container registry offering
- Container registry which is available to be self-installed and self-managed in an organization's data center, co-hosted, or in a chosen cloud provider.
- Learn more about self-installing GitLab

### Use container registry through REST API
- Enables support for automation and integration of container registry through a REST API
Lower the cost of storage for the GitLab Container Registry by running garbage collection

In the context of the Docker registry, garbage collection is the process of removing blobs from the filesystem when they are no longer referenced by a manifest.

Check out the documentation, and get started today.

Use search to find and container images

Search your group and project's Container Registry by image name

Learn more about the GitLab Container Registry

Helm chart repository support

Supports storage and retrieval of Helm charts.

View the GitLab issue.

Image Expiration policies

Easily define, manage and update project-level policies to define which images should be removed and preserved. This feature is designed to help you reduce storage costs and prevent important images from being deleted.

Learn more about Image Expiration policies

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- Releases
- Pricing
- Get started

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