Docker Hub is a cloud-based repository service in which Docker users and partners create, test, store and distribute container images. Docker Hub is the main public Docker repository which all docker tools go to by default. It offers both public repositories (for free) and private repositories (for a monthly recurring cost).

### Feature Comparison

<table>
<thead>
<tr>
<th>Feature</th>
<th>GitLab</th>
<th>Docker Hub</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manage</td>
<td>5.5/8</td>
<td></td>
</tr>
<tr>
<td>Plan</td>
<td>6/8</td>
<td></td>
</tr>
<tr>
<td>Create</td>
<td>7.5/8</td>
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<tr>
<td>Verify</td>
<td>6/8</td>
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<tr>
<td>Package</td>
<td>4.5/6</td>
<td>1/7</td>
</tr>
<tr>
<td>Secure</td>
<td>7/8</td>
<td></td>
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<tr>
<td>Release</td>
<td>7/8</td>
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</tr>
<tr>
<td>Configure</td>
<td>4.5/7</td>
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<tr>
<td>Monitor</td>
<td>5/8</td>
<td></td>
</tr>
<tr>
<td>Defend</td>
<td>1.5/3</td>
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</tr>
</tbody>
</table>

**GitLab**
- **Manage**: Bug Tracking, Issue Tracking, Chemex Management
- **Plan**: Issue Tracking, Kanban Boards, Time Tracking
- **Create**: Source Code Management, Code Review, Wiki
- **Verify**: Continuous Integration, Code Quality, Code Testing and Coverage
- **Package**: Package Registry, Container Registry, Dependency Proxy
- **Secure**: SAST, Fuzz Testing, Dependency Scanning
- **Release**: Continuous Delivery, Review Apps, Automated Deployments
- **Configure**: Auto Deploy, Kubernetes, Configuration
- **Monitor**: Metrics, Alert Management, Incident Management, Logging
- **Defend**: Web Application Firewall, Container Web Security

**Docker Hub**
- **Manage**: Code Analytics, DevOps Report, Value Stream Management
- **Plan**: Roadmaps, Service Desk
- **Create**: Web UI, Bug Tracking, Design Management
- **Verify**: Web Performance, Usability Testing, Access Control Testing
- **Package**: Container Scanning, License Compliance, Secret Detection
- **Secure**: Container Registry, License Compliance, Secret Detection
- **Release**: Continuous Delivery, Review Apps, Automated Deployments
- **Configure**: Auto Deploy, Kubernetes, Configuration
- **Monitor**: Metrics, Alert Management, Incident Management, Logging
- **Defend**: Web Application Firewall, Container Web Security
<table>
<thead>
<tr>
<th>Feature</th>
<th>Core</th>
<th>Starter</th>
<th>Premium</th>
<th>Ultimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supports storage and retrieval of Docker style containers.</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td><strong>Learn more about the GitLab container registry</strong></td>
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<tr>
<td>Container registry webhooks</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Trigger actions after a successful push to a registry to integrate Docker Hub with other services.</td>
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<td><strong>Learn more about GitLab registry webhooks</strong></td>
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<tr>
<td>Container registry high availability</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>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.</td>
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<tr>
<td><strong>Learn more about GitLab high availability</strong></td>
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<tr>
<td>Container Registry geographic replication</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Supports distributed teams by running multiple registry instances across several regions and syncing between data centers.</td>
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<tr>
<td><strong>Learn more about GitLab replication</strong></td>
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</tr>
<tr>
<td>Supports private container registries</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Offers the ability to have private container registries and repositories</td>
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<tr>
<td><strong>Learn more about GitLab private container registries</strong></td>
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<td></td>
</tr>
<tr>
<td>SaaS container registry offering</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>The container registry is available as a software service.</td>
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<tr>
<td><strong>Learn more about the container registry available on GitLab.com</strong></td>
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<tr>
<td>Self-managed container registry offering</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Container registry which is available to be self-installed and self-managed in an organizations data center, co-hosted, or in a chosen cloud provider.</td>
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<tr>
<td><strong>Learn more about self-installing GitLab</strong></td>
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<tr>
<td>Use container registry through REST API</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Enables support for automation and integration of container registry through a REST API.</td>
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<tr>
<td><strong>View the docs</strong></td>
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<tr>
<td>Lower the cost of storage for the GitLab Container Registry by running garbage collection</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>Check out the documentation, and get started today.</strong></td>
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Use search to find and container images

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

Learn more about the GitLab Container Registry

Helm chart repository support

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Supports storage and retrieval of Helm charts.

View the GitLab issue.

Image Expiration policies

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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