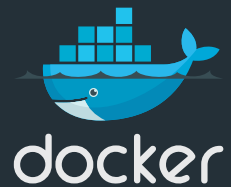


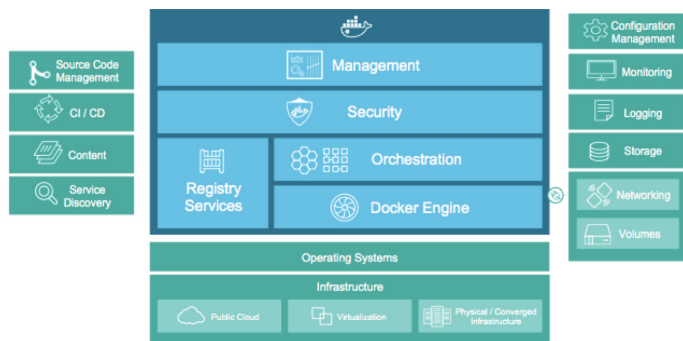
# Docker Trusted Registry

Secure Content and Collaboration on your Distributed Applications



Enterprise application teams are evolving to DevOps methodologies and distributed application architectures to not only accelerate software delivery but also reduce the rate of defects. Docker enables building distributed applications by eliminating the headaches of matrices of different language stacks, platforms tooling and infrastructure dependencies. Docker containers package an application and dependencies together and are isolated from the environment making them easily portable from one machine to another. The Docker image is the building block for these application containers - these images are built, shared, updated and deployed as containers.

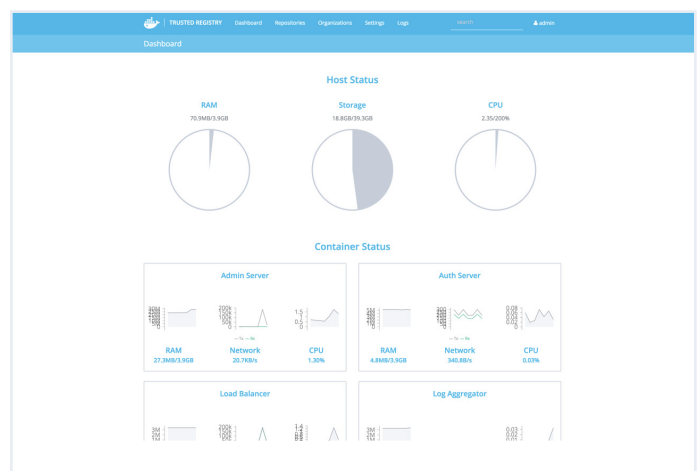
Docker Trusted Registry is an on-premises registry that allows enterprises to store and manage their Docker images on-premise or in their virtual private cloud (VPC) to meet security or regulatory compliance requirements. A part of the Docker Containers-as-a-Service Platform, an end to end IT managed framework giving developers and IT operations teams agility, portability and control, Universal Control Plane and Trusted Registry comprise our on-premises offering for enterprises that need to host their content and management plan on-premises or in a VPC.



## Key Benefits

- **Granular User Management:** SSO with Universal Control Plane, Role-based access control, set up Teams/orgs, LDAP/AD authentication
- **Resource Management:** Garbage collection for memory saving, CPU, RAM and Storage monitoring
- **Security and Compliance:** On-prem deployment, user audit logs. image signing via Docker Content Trust

A core part of the Docker CaaS platform, Docker Trusted Registry allows enterprises to store and manage their Docker images on-premises or in their virtual private cloud (VPC). Trusted Registry is part of the Docker Datacenter Subscription which also includes, Universal Control Plane, commercially supported Engine and support. Trusted Registry is easy to deploy, configure and integrate with your existing infrastructure and application delivery workflows.

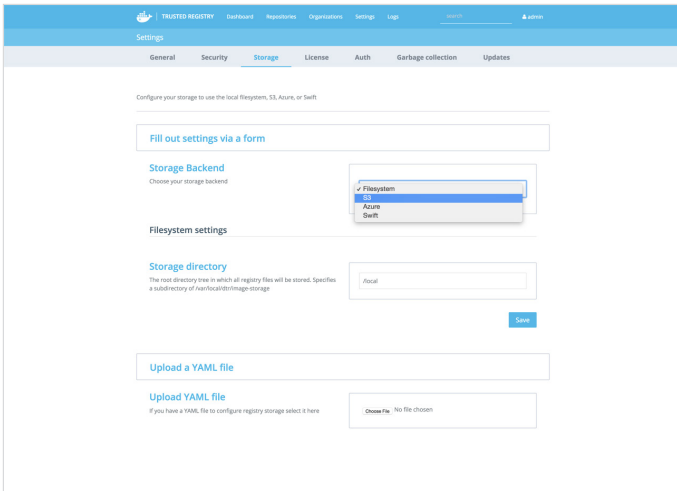


**Feature Note:** This is the web admin console. It gives you a holistic view of your Trusted Registry. It displays both your host status (RAM, Storage, CPU) as well as container status (Admin Server, Auth server, load balancer and log aggregator).

## Deployment Flexibility

Docker Trusted Registry gives you the flexibility you need to deploy either on-prem or within your virtual private cloud (VPC) environment giving you control over where your Docker images are stored. Manage and distribute your Docker images from within your own firewall, for secure collaboration and data protection.

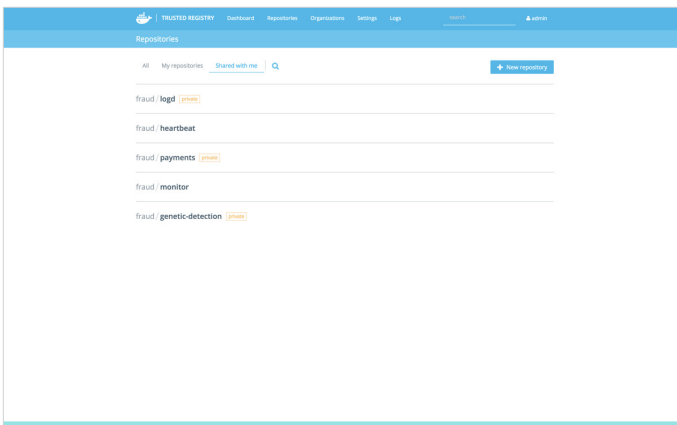
Trusted Registry easily integrates into you existing infrastructure. Support for a wide range of storage drivers like S3, Azure, Swift, and local filesystem provides choice in storage provider.



**Feature Note:** Select the storage backend that you would like to choose. Choose from S3, Azure, Swift, Ceph or your local filesystem.

## Easy to Use and Manage

Great tools are not helpful if they are not easy to use. Trusted Registry gets you started fast with a quick, one-click install and GUI based system configuration. Additionally, non-disruptive updates make it easy to apply the latest patches and releases, ensuring a secure and up to date environment. Upgrading to the latest minor, patch, or major release is just a one-button click within the application. Additionally, admins can monitor system health directly from the web UI.



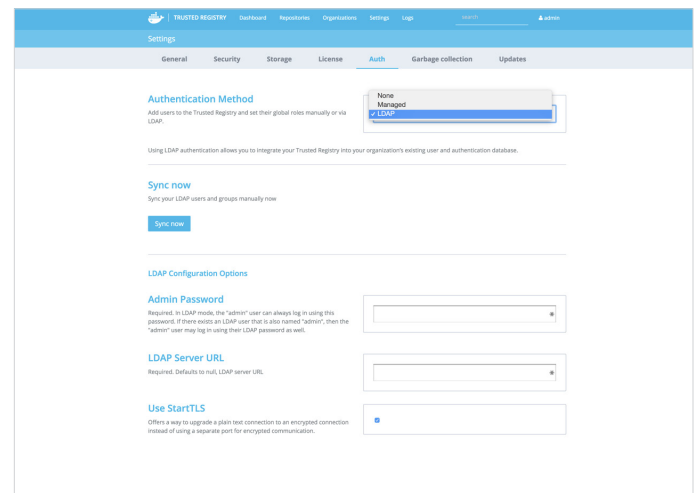
**Feature Note:** Within Trusted Registry you can use the search index to search and browse through all of the repositories within the registry.

Manage your Docker images and repositories in the web UI. Gain visibility across all the Docker content in your organization. Users can search and browse to find the image repositories they need. Repositories can be made public or private in your Trusted Registry with access granted to users as the administrator sees

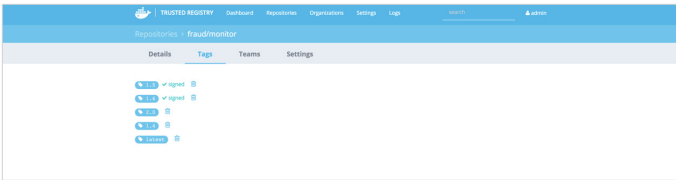
fit. To optimize your storage, Trusted Registry allows you to delete tags so they no longer appear in the UI for your users. These deleted tags are then handled by a garbage collection process to remove them from disk. You can customize the timing and frequency of garbage collection to one that works best for your organization.

## Secure Access and Content

Trusted Registry allows you to manually control who has access to the Docker images and the kind of access they have. The option for LDAP/AD integration means users will authenticate directly against your organization's directory services when accessing Trusted Registry. Configure various role-based access levels like admin, user or read-only permissions for your users and groups of users in organizations. Create organizations to group people together in teams and assign permissions to repos. With Docker Content Trust, admins can sign images once created for added security and to ensure the latest version of an image is being used. Trusted Registry also stores the user audit logs to track all user activity taking place within the system.



**Feature Note:** Trusted Registry provides flexibility in configuration to meet your team's needs. Configure your security settings, upload certificates, setup SSL for authentication and integrate existing technologies like directory services. You can run initial DTR logins against your current LDAP server to quickly assign role based access to developers. Implementing a least privilege strategy can drastically increase the security of your Docker images.

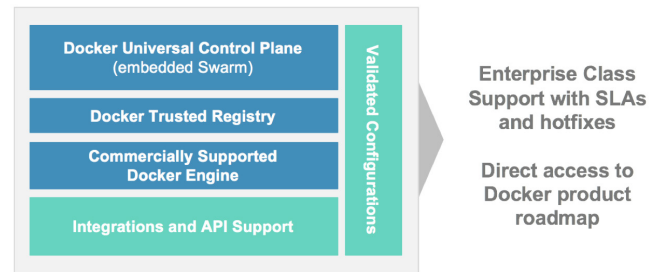


**Feature Note:** Trusted Registry comes with Docker Content Trust out of the box. This allows admins to sign images. In the screenshot above you can see the green “signed” tag. This gives IT operations the ability to choose to use only signed images in production, increasing image security, and ensuring that the latest version of the image is being used.

## The Docker Datacenter Subscription

The Docker Datacenter subscription enables enterprises to leverage a platform built by Docker, for Docker. The Docker native tools are integrated to create an on premises CaaS platform, allowing organizations to save time and seamlessly take applications built in dev to production.

Docker Datacenter is an integrated solution including open source software, commercial software, the integrations between them, full Docker API support, validated configurations and commercial support for your Docker Datacenter environment. A pluggable architecture allows flexibility in compute, networking and storage providers used in your CaaS infrastructure without disrupting the application code. Leverage existing technology investments with Docker Datacenter. The open APIs allow your Docker Datacenter CaaS to easily integrate into your existing systems like LDAP/AD, monitoring, logging and more.



Name	Docker Universal Control Plane	Docker Trusted Registry	Commercial Support
Description	Enterprise-grade on-premises service for managing and deploying dockerized distributed applications in any on-premises or virtual cloud environments. It's built in security features like LDAP/AD integration and role-based access control (RBAC) allow IT teams to be in compliance with industry security regulations.	Enterprise-ready on-premises service for storing, distributing and securing images. The registry gives enterprises the ability to ensure secure collaboration between developers and sysadmins to build, ship and run applications.	Subscribers receive commercial support for their Docker engines. We call the “CS” engine. The CS Engine is made up of the same Core Engine as the open source engine, but has added support from the Docker team as well.
Features	<ul style="list-style-type: none"> <li>• GUI management for apps, containers, nodes networks, images and volumes</li> <li>• Monitoring and logging of UCP users and events</li> <li>• Out of the box HA</li> <li>• LDAP/AD integration</li> <li>• Role-based-access control for teams.</li> <li>• SSO and push/pull images for Docker Trusted registry</li> <li>• Out of the box TLS</li> <li>• Docker native stack with Swarm, Compose, CS engine and DTR</li> <li>• Full Docker API compatible</li> </ul>	<ul style="list-style-type: none"> <li>• Web UI for administrators and users LDAP/AD integration</li> <li>• Role-based access control</li> <li>• Docker Content Trust image signing and verification</li> <li>• Garbage collection for saving memory space</li> <li>• User audit logs</li> </ul>	<ul style="list-style-type: none"> <li>• Direct support contact</li> <li>• Bug fixes, patches</li> <li>• Hot fixes, patches</li> <li>• Predictable cadence (Docker owns Docker Roadmap)</li> <li>• Longer supported versions</li> <li>• Defect fixes</li> <li>• Validations for configurations</li> </ul>

## Support From the Source

With a Docker Datacenter subscription, enterprises receive technical support directly from Docker engineering, not an open source forum. This team are the primary contributors and maintainers of the upstream Docker projects. With Datacenter Subscription, customers receive support that is:

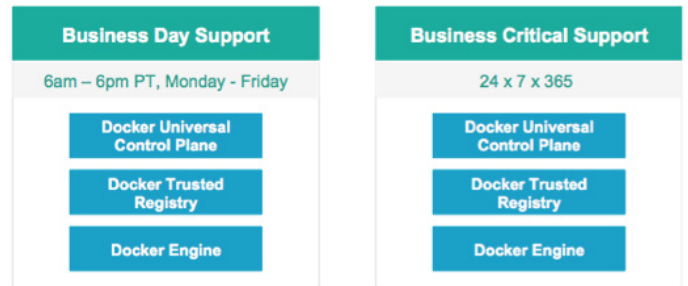
**Responsive** - The subscription comes with a direct support contact giving subscribers access to private communications channels with the support team at dedicated SLAs (see below). The Docker support team will also provide fixes for any breakages or bugs found so that enterprises can rest assured that their environment achieves peak uptime.

**Secure** - The Docker team validates and tests will address any security vulnerabilities found within IT environments and issue necessary patches, hot fixes as well as validation for configurations.

**Stable** - The Docker team provides: a predictable release cadence as they own the Docker product roadmap, longer supported versions, defect fixes, validations for operating systems and full Docker API support.

## Get Started Today

The Docker Datacenter subscription is available with two different support coverage windows. You can choose from Business Day Support which provides 12 hour cover during the business week or Business Critical Support for 24 hours by 7 days a week and 365 days a year.



The Docker Datacenter subscription provides a fully supported end-to-end CaaS platform for your on-premises or virtual private cloud, getting you access to the world-class expertise of the Docker support and product teams that enterprises rely on.

Interested in learning more about the Docker Datacenter subscription or in signing up for a free 30-day trial? Contact our Sales team at [www.docker.com/contact](http://www.docker.com/contact) or visit our website <https://www.docker.com/pricing>.

[www.docker.com](http://www.docker.com)

