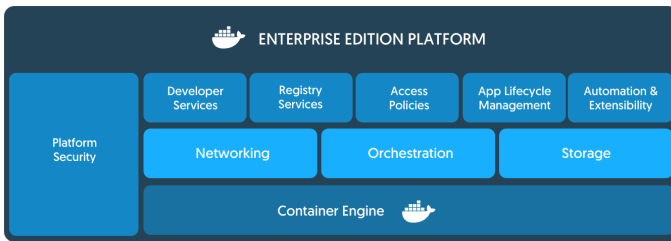




An Enterprise-Ready Container Platform

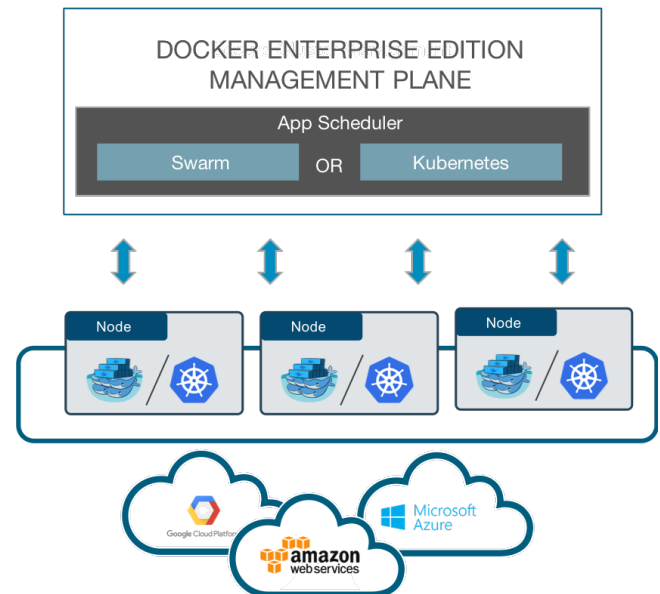


Docker Enterprise Edition (EE) 2.0 represents a significant leap forward in container platform solutions, delivering the only solution that manages and secures applications on Kubernetes in multi-Linux, multi-OS and multi-cloud customer environments. This release brings new features and capabilities in three main areas:

- Freedom of Choice:** With Docker's container platform, organizations can choose to deploy legacy or cloud-native applications built in Linux or Windows on prem or across multi-clouds, using Kubernetes or Swarm - with the flexibility to change technology, architecture or processes as business requirements evolve.
- Agile Operations:** Docker EE simplifies day-to-day operational tasks when using Kubernetes. Docker EE is the only platform that allows you to leverage your existing team and processes to adopt and operationalize Kubernetes.
- Integrated Security:** Only Docker EE brings a complete secure supply chain to Kubernetes in the same way it has for Swarm. Combining Docker Content Trust and image scanning with policy-based image promotions allows organizations to build governance over the

container environment without impeding the speed of development.

Freedom of Choice



Docker EE expands an organization's choices by being able to address a broader set of applications across multiple lines of business, built on different technology stacks and deployed with different orchestrators to different infrastructures. By supporting more of your organization's projects, you can deliver the highest impact and cost savings to your organization.

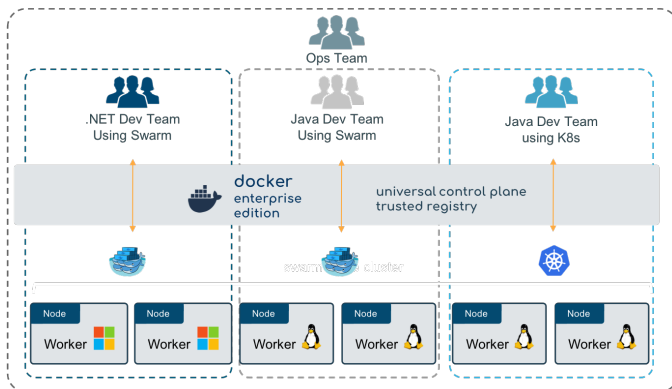
- Deploy to multiple Linux distributions including Ubuntu, CentOS, Red Hat Enterprise Linux, SUSE Linux, and Oracle Linux.
- Deploy Docker EE on-premises on bare metal or in a virtualized environment and across multiple public clouds.

- Integrate fully-supported Windows Server-based containers in the same cluster for a single container platform for both Windows and Linux applications.
- Choose either Swarm or Kubernetes orchestration when deploying applications, run workloads interchangeably, and have the freedom to change your mind later.

balancing solution for Swarm-deployed applications based on the new Interlock 2.0 architecture. The new architecture brings some additional features to the platform:

- Path-based routing
- SSL termination
- Service clusters
- Proxy extensions

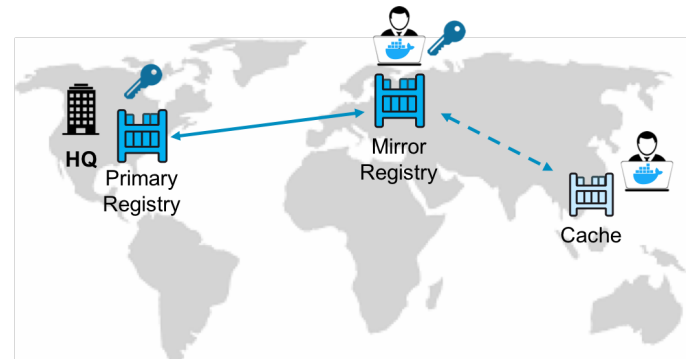
Agile Operations



Docker EE is focused on making the management of a container environment very intuitive and easy for Infrastructure and Operations teams. This focus on the operational experience carries over to managing Kubernetes. With Docker EE 2.0, you get simplified workflows for the day-to-day management of a Kubernetes environment while still having access to native APIs, CLIs, and interfaces for those who want to get into deeper configurations and troubleshooting tasks.

- Build and maintain a Kubernetes cluster with simplified workflows and secure defaults, leveraging single line commands and one-click shortcuts that abstract away complicated configuration tasks.
- Implement secure application zones that integrate with your corporate LDAP and Active Directory and deliver logical and physical boundaries between tenants in the same cluster, thereby avoiding cluster sprawl.
- Get a highly scalable and highly available application-layer (Layer 7) routing and load

Integrated Security



Docker EE 2.0 is the only solution that delivers a policy-based secure supply chain that is designed to give you governance and oversight over the entire container lifecycle without slowing you down.

- Implement a secure supply chain for Kubernetes-deployed applications leveraging image signing, image vulnerability scanning, and policy-based image promotions.
- Build a multi-site, multi-datacenter supply chain for a globally distributed organization. With Docker EE 2.0 we are introducing a number of features that allow these global organizations to maintain a secure and globally-consistent supply chain:
 - **Centralized Image Repository** - Some organizations want to maintain one source of truth for all applications. They want a centralized private image repository for their global organizations. With Docker EE 2.0, you can connect multiple EE clusters to a single, common private registry with a common set of security policies built in.

- **Remote Office Access** - Many organizations have development teams that are not in the same location as the registry. To ensure that these developers can quickly download images from their location, Docker EE 2.0 includes an *Image Caching* capability to create local caches of the repository content. Caching extends the secure access controls and Docker Content Trust to these remote offices to ensure no breaks in the supply chain.
- **Multi-site Availability and Consistency** - Alternatively, some organizations wish to have separate registries for different office locations - possibly one for North America, one for Europe, one for Asia. But they also want to make sure that they are using common images. With the new *Image Mirroring* capability, organizations can set policies that “push” and “pull” images from one registry to another. This also means that if a certain region goes down, copies of the same images are available in the other registries.

Try Docker Enterprise Edition

Experience Docker Enterprise Edition without installing any software through the Docker Hosted Trial. Get started at <https://trial.docker.com>.

Learn more at <https://www.docker.com/enterprise>.

Additional Enhancements to Docker Trusted Registry

- Create a repository on *push*
- Token-based authentication Management UI
- Emergency recovery tool from quorum loss
- Control over specific vulnerability scanning results

www.docker.com

