



Docker Certified Associate

Docker Swarm and Enterprise Edition

Docker Enterprise Edition

Enterprise development and teams that run business-critical containerized applications and services in production at large scales.

Provides a support mechanism for issues with the underlying engine as well as deployment challenges using it.

When using Docker EE on a certified platform, organizations are assured through Docker's certification that their applications will work as expected and have support available if they do not.

Enterprise Edition comes in Basic, Standard, and Advanced tiers.



Docker Enterprise Edition

Supported Platforms

Platform	Docker CE x86_64	Docker CE ARM	Docker CE IBM Z (s390x)	Docker EE x86_64	Docker EE IBM Z (s390x)	Docker EE IBM Power (ppc64le)
CentOS	✓			✓		
Debian	✓	✓				
Fedora	✓					
Microsoft Windows Server 2016				✓		
Oracle Linux				✓		
Red Hat Enterprise Linux				✓	✓	✓
SUSE Linux Enterprise Server				✓	✓	✓
Ubuntu	✓	✓	✓	✓	✓	✓

Tiers

Basic

- Platform for certified infrastructure, containers and plugins with support from Docker.

Standard

- Adds advanced image and container management, LDAP, and RBAC.

Advanced

- Adds security scanning and vulnerability monitoring.



Docker EE - Plan Features and Pricing

	COMMUNITY EDITION	ENTERPRISE EDITION BASIC SUPPORTED CONTAINER RUNTIME AND ORCHESTRATION	ENTERPRISE EDITION STANDARD INTEGRATED SECURITY AND MANAGEMENT	ENTERPRISE EDITION ADVANCED MULTI-TENANCY AND SPECIALIZED COMPLIANCE
Container engine and built in orchestration, networking, security	✓	✓	✓	✓
Docker Certified Infrastructure, Plugins and ISV Containers		✓	✓	✓
Image Management private registry, caching (Windows and Linux)	Cloud hosted repos		✓	✓
Docker Datacenter Integrated container app management			✓	✓
Docker Datacenter Enhanced RBAC, LDAP/AD support			✓	✓
Integrated secrets mgmt, image signing policy (Windows and Linux)			✓	✓
Secure multi-tenancy with node-based isolation				✓
Automated Image Promotion				✓
Image security scanning and continuous vulnerability scanning (Windows and Linux)				✓
Support	Community Support	Business Day or Business Critical	Business Day or Business Critical	Business Day or Business Critical
	ENTERPRISE EDITION BASIC PER NODE / PER YEAR		ENTERPRISE EDITION STANDARD PER NODE / PER YEAR	ENTERPRISE EDITION ADVANCED PER NODE / PER YEAR
	Docker Enterprise Edition for Linux			
BUSINESS CRITICAL	\$1,500		\$3,000	\$3,500
BUSINESS DAY	\$750		\$1,500	\$2,000

Special Notes

- Docker EE includes
 - Docker Engine with Support.
 - Docker Trusted Registry.
 - Universal Control Plane.
- Compatibility
 - Docker Engine 17.06+
 - DTR 2.3+
 - UCP 2.2+



Docker Swarm

Available in the Docker Enterprise Edition (at all tiers), as well as the Docker Community Edition, Docker Swarm is a clustering and scheduling tool for clusters of Docker containers (grouped together as services).

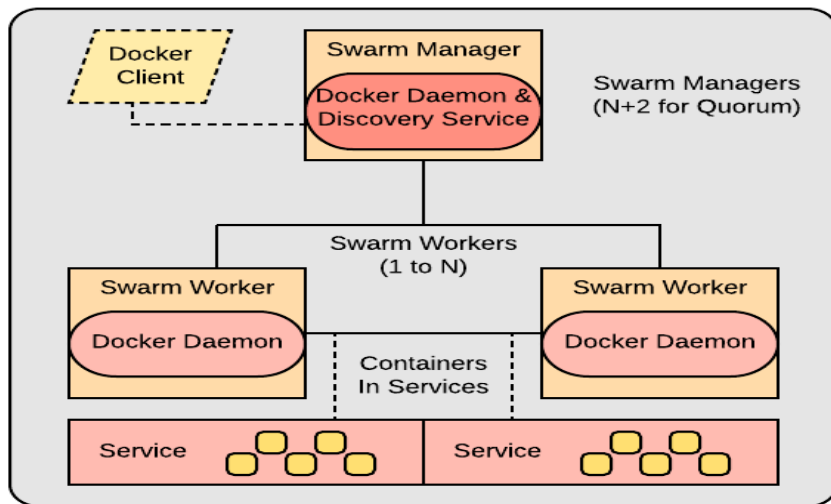
Swarms allow portability, abstraction, flexibility, and consistency of complex application service deployments on any supported infrastructure.

Docker Swarm Manager(s) are responsible for validating, logging the state of, and distributing instructions to Docker Swarm Workers. The Docker service (daemon) is installed on every node in a Swarm (Manager or Worker).



Docker Enterprise Edition

Basic Swarm Architecture



Structure

Managers

- Use a consensus algorithm to maintain quorum (requires a min. of 2 managers).

Workers

- Register with Managers and receive workloads from them.

Services

- An application that exists in 1 to N replicas, and hosted across 1 to N Workers.

