

# Container System Base Station Deployment

What is the container image and deployment guide?

The Container Image and Deployment Guide will provide the technical requirements for container image creation and deployment within a container platform.

What is a containerized weapon system (CWS)?

By integrating currently fielded weapon systems, the CWS provides a reduced logistics footprint. This system is actively deployed in multiple areas of operation. The Army Acquisition Executive has assigned Office of Primary Responsibility to Close Combat Weapons Systems for the Containerized Weapon System.

## What is a container platform?

The container platform is the software used to orchestrate the execution of the container. Examples of commercial container platforms are Kubernetes, OpenShift, Konvoy, Tanzu, Docker, and Rancher. This platform may have other services to aid in the overall orchestration such as routing, DNS, and firewalls.

## What is a container namespace?

Namespaces provide a straightforward way of isolating containers. Using isolation, services within a container cannot see or access services running within other containers or on the container platform host system.

#### What is a container in Linux?

Once the container image is instantiated within the container platform, it is called a container; this container shares the operating system kernel of the hosting system to execute. The container shares other resources on the host or on external devices depending on the service the container offers.

#### What is a DoD Common-use container?

(1) DoD Common-User Containers. DoD owned,leased,or controlled 20-foot or 40-foot ISO containermanaged as an element of the DoD common-use container system.

QNAP Container Station exclusively integrates LXD and Docker®, Kata lightweight virtualization technologies, allowing you to operate multiple isolated Linux® systems on a QNAP NAS as ...



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System Base Station

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