

Developing Container Applications with VMware vSphere Integrated Containers

vSphere Integrated Containers

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Developing Container Applications with vSphere Integrated Containers

Developing Container Applications with vSphere Integrated Containers provides information about how to use vSphere Integrated Containers as the endpoint for Docker container application development.

Product version 0.3.0

NOTE This book is a work in progress.

Intended Audience

This information is intended for container application developers who's Docker environment uses vSphere Integrated Containers as its endpoint. Knowledge of [container technology](#) and [Docker](#) is assumed.

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Supported Docker Commands

vSphere Integrated Containers supports these container operations.

Container	Docker Reference	Supported in TP3
Docker inspect	Inspect a container	Yes
Docker start	Start a container	Yes
Docker stop	Stop a container Stop	Yes
Docker attach	Attach to a container Attach to a container websocket	Yes
Docker rm	Remove a container	Yes
Docker images	Images list-images	Yes
Docker ps	Show running containers	Yes
Docker logs	Get container logs	No, onsite beta
Docker restart	Restart a container Restart	No, onsite beta
Docker kill	Kill a container Kill	TBD

Network	Docker Reference	Supported in TP3
Network create	Create a network	Yes. See the use case to connect to an external network
Network ls	List networks/	Yes
Network inspect	Inspect a network	Yes
Network connect	Connect to a network	Yes
Network rm	Remove a network	Yes

Volume	Docker Reference	Supported by TP3
Docker volume create	Create a volume	Onsite beta
Docker volume ls	List volumes	Onsite beta
Docker volume rm	Remove a volume	Onsite beta

Commands	Docker Reference	Supported version
Link	Link	TBD
List	List Containers	No
Docker export	Export a container	Future release
Docker save	Save images	Future release
Docker stats	Get container stats based on resource usage Stats	Future release
Docker update	Update a container Update	Future release
Docker rename	Rename a container Rename	Future release
Docker pause	Pause processes in a container Pause	Future release
Docker unpause	Unpause processes in a container Unpause	Future release
Docker cp	Copy files or folders in a container Copy	Future release
Wait	Wait for a container Wait	Future release