

# **Infinispan Server Docker Image**

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This topic describes about Skydrm build 160+ docker images.

Skydrm build 160+ docker includes two dockers images

- RightsManagementServer-InfiniSpan-DockerImage-10.7-xxxx-yyyy.tar
- RightsManagementServer-RabbitMQ-DockerImage-10.7- xxxx-yyyy.tar

In the previous build, infinispn ran in embedded mode inside RMS and Viewer containers, that is not a router and the operation or deployment was transparent to the users.

Skydrm new release supports

- Remote mode along with previous embedded mode.
- Infinispn server runs as a separate docker container.
- RMS and Viewer containers user docker container to cache certain data within the swarm network.

Execution of script setup.sh prompts a question, Do you want the cache used by RMS and Viewer to be remotely hosted?[y/n]. Enter the one of the following options

Option	Output
yes	Deploys infispn service via the docker-compose.yaml file and appends (web.caching.mode.server=true) and viewer.properties (caching.mode.server=true) to admin.properties file.
no	Runs existing embedded mode of operation.

In the docker host, Infinispn uses new folders cache and cachestore created by setup.sh in the folder `RMS_DATA_DIR/shared/`. Infinispn docker container reads infinispn.xml under the cache directory to configure itself. The cachestore folder contains the file-system-persisted data that is periodically flushed to disk from the in-memory cache store that is infinispn. This is stored on docker host to save data so that infinispn can pick up during reboots or redeployments of the docker stack. These files are restricted to be edited.

setup.sh also copies two .sh files, custom\_script\_rms.sh and custom\_script\_viewer.sh to `RMS_DATA_DIR/shared/conf` folder to add delay of 20s for RMS and Viewer ,which is necessary to ensure infispn server container is up and run in swarm container before rms or viewer connect to it. Alternately there is custom\_script\_router.sh that do not have any delay.