



JERY Installation Guide

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Table of contents

- Requirements
- Installation of Docker (for RHEL)
- Installation of JERY
 - Download from the GitHub page
 - Download from a Docker registry
 - From within the HPE network
 - From within the EPC network
 - How to add a insecure Docker registry



Requirements

JERY is meant to run on Linux Systems only (primarily RHEL and CentOS).

For this reason the following installation guide is mainly for RHEL.

Since JERY is running in a Docker image, a recent version of Docker needs to be installed on the system. This process is described in the following for RHEL.

- Docker install guides for other Linux distributions can be found under:
 - [Installation on Ubuntu](#)
 - [Installation on CentOS](#)
 - [Installation on Oracle Linux](#)





Installation of Docker (for *RHEL*)

STEP 1: Log into your machine as a user with sudo or root privileges

STEP 2: Make sure your existing yum packages are up-to-date

```
$ sudo yum update
```

STEP 3: Add the yum repo yourself

```
$ sudo tee /etc/yum.repos.d/docker.repo <<-EOF
[dockerrepo]
name=Docker Repository
baseurl=https://yum.dockerproject.org/repo/main/centos/7
enabled=1
gpgcheck=1
gpgkey=https://yum.dockerproject.org/gpg
EOF
```



Installation of Docker

STEP 4: Install the Docker package

```
$ sudo yum install docker-engine
```

STEP 5: Start the Docker daemon

```
$ sudo service docker start
```

STEP 6: Verify docker is installed correctly by running a test image in a container.

```
$ sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from hello-world
a8219747be10: Pull complete
91c95931e552: Already exists hello-world:latest: The image you are pulling has been verified. Important:
image verification is a tech preview feature and should not be relied on to provide security.
Digest: sha256:aa03e5d0d5553b4c3473e89c8619cf79df368babd1.7.1cf5daeb82aab55838d
Status: Downloaded newer image for hello-world:latest Hello from Docker.
```

```
      .               .               .
      .               .               .
      .               .               .
```



Installation of JERY

Download from the GitHub page

STEP 1: Download the latest release from the GitHub page [\(download\)](#)

STEP 2: Unzip the build file

STEP 3: Open a new terminal and navigate to the unzipped file (*jerydocker.tar*)

STEP 4: Import the unzipped file with the command

```
$ docker load < jerydocker.tar
```

STEP 5: Download the run script and execute it [\(download\)](#)



Installation of JERY

Download from a Docker registry

From within the HPE network

STEP 1: Open a new terminal and type

```
$ sudo su
```

STEP 2: Login to HPE Docker Hub with your Windows NT credentials

```
$ docker login hub.docker.hpecorp.net
```

STEP 3: Pull the jerydocker image with the command

```
$ docker pull hub.docker.hpecorp.net/oraclekc/jery:latest
```

STEP 4: Download and execute the run script [\(download\)](#)





Installation of JERY

Download from a Docker registry

From within the EPC network

STEP 1: Open a new terminal and type

```
$ sudo su
```

STEP 2: Add *dockerregistry.oracle.epc.ext.hpe.com:5000* as an insecure registry ([how to](#))

STEP 3: Pull the jerydocker image with the command

```
$ docker pull dockerregistry.oracle.epc.ext.hpe.com:5000/jerydocker
```

STEP 4: Download and execute the run script ([download](#))





How to add an insecure Docker registry

There are two options for adding a registry with no authorization to Docker running on RHEL7 (on client which wants to push/pull to registry)

Start Docker daemon with --insecure-registry

```
$ dockerd --insecure-registry= dockerregistry.oracle.epc.ext.hpe.com:5000
```

OR:

Edit config of service to add --insecure-registry

Refer to <https://docs.docker.com/engine/admin/> (CentOS / Red Hat Enterprise Linux / Fedora > Configuring Docker)

STEP 1: Create a new config file

```
$ sudo mkdir /etc/systemd/system/docker.service.d
$ sudo nano /etc/systemd/system/docker.service.d/docker.conf
```

* continued on the next page



How to add an insecure Docker registry

STEP 2: Add the following lines to the created docker.conf:

```
[Service]
ExecStart=
ExecStart=/usr/bin/dockerd --insecure-registry=dockerregistry.oracle.epc.ext.hpe.com:5000
And reload + restart the Docker daemon $ sudo systemctl daemon-reload
$ sudo systemctl restart docker
```

STEP 3: Check if “*dockerregistry.oracle.epc.ext.hpe.com:5000*” is added under the point “*Insecure Registries*” of docker info with:

```
$ docker info
```

