

Runtime (Docker/podman)

Overview

Container engine, OCI compliant.
Docker is a container engine. Podman (Refactoring) is a container engine.

Insecure registry ?

Docker is pulling images from https registry, but http registry is insecure registry. http registry is insecure.

Example

1. Docker

- Docker             
- systemd   

```
$> cat /etc/systemd/system/docker.service.d/docker-options.conf
[Service]
Environment="DOCKER_OPTS=--bip 172.10.255.1/24 \
...
--insecure-registry={{ registry 1 }} --insecure-registry={{ registry 2 }} \
...
```

- daemon.json `1` `2` `3`

```
$> cat /etc/docker/daemon.json
{
  "insecure-registries":["1", "2"]
}
```

- Docker `1` `2`

```
$> systemctl daemon-reload
$> systemctl restart docker
```

2. Podman `1` `2` `3` `4`

```
$> vi /etc/containers/registries.conf
...
unqualified-search-registries = ["registry.fedoraproject.org", "registry.access.redhat.com",
"registry.centos.org", "docker.io", "20.20.20.20", "10.10.10.10"]
...
[[registry]]
location = "10.10.10.10:80"
insecure = true

[[registry]]
location = "20.20.20.20:80"
insecure = true
```



1. Docker `1` `2` `3`

```
$> docker info
...
Insecure Registries
{{ 1 }}
```

```
{{ 2 }}
```

2. Podman

```
$> podman login 10.10.10.10:80
```

```
Username:
```

```
Password:
```

```
Login Succeeded
```

- daemonless
- Docker , podman
:80 (default 443
 443

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