

Containerd Installation



Record of Release

| Version No. | Created By | Date |
|-------------|------------------------|----------------------------|
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1 Installation of Containerd

1.1 Download / Copy the Binaries required into the server

Latest Release at the time of Creation of this document:

https://github.com/containerd/nerdctl/releases/download/v1.1.0/nerdctl-full-1.1.0-linux-amd64.tar.gz

```
[root@HABI-DJG containerd]# wget https://github.com/containerd/nerdctl/releases/download/v1.1.0/nerdctl-full-1.1.0-linux-amd64.tar.gz
--2022-12-29 13:59:33-- https://github.com/containerd/nerdctl/releases/download/v1.1.0/nerdctl-full-1.1.0-linux-amd64.tar.gz
Resolving github.com (github.com)... 20.207.73.82
Connecting to objects.githubusercontent.com (objects.githubusercontent.com) [185.199.111.133]:443... connected.

HITP request sent, awaiting response... 2000 CM
Length: 235161071 (224M) (application/cottet-stream)
Saving to: 'nerdctl-full-1.1.0-linux-amd64.tar.gz'
nerdctl-full-1.1.0-linux-amd64.tar.gz'
nerdctl-full-1.1.0-linux-amd64.tar.gz'
nerdctl-full-1.1.0-linux-amd64.tar.gz'
nerdctl-full-1.1.0-linux-amd64.tar.gz'
```

1.2 Extract the binary to /usr/local

Command: tar Cxzvvf /usr/local nerdctl-full-1.0.0-linux-amd64.tar.gz



1.3 Enable containerd service

Command: systemctl enable --now containerd

1.4 Check continerd Status

Command: systemctl status containerd

1.5 Change the data directory location of containerd

Command: vim /etc/containerd/config.toml

```
[root@HABI-DJG data]#
[root@HABI-DJG data]#
[root@HABI-DJG data]#
[root@HABI-DJG data]# vim /etc/containerd/config.toml
```

Change the location to desired location as per below Image and save the file

```
disabled_plugins = ["cri"]

root = "/app_data/containerd/data"
istate = "/run/containerd"
ssubreaper = true
fcom_score = 0

$[grpc]

$ address = "/run/containerd/containerd.sock"

i uid = 0

$[debug]

$ address = "/run/containerd/debug.sock"

i uid = 0

$ address = "/run/containerd/debug.sock"

i uid = 0

$ puid = 0
```



1.6 Restart containerd Service

Command: systemctl restart containerd

```
[root@HABI-DUG data]#
```

1.7 Check containerd Status

Command: systemctl status containerd

1.8 Example Commands

Command: nerdctl Images

Command: nerdctl pull hello-world

Note: You can start using docker commands as-Is, just replace "docker" with "nerdctl"