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Rocky Enterprise Linux 9.2 Manual Pages on command 'podman-machine-init.1'

\$ man podman-machine-init.1

podman-machine-init(1)() podman-machine-init(1)()

NAME

podman-machine-init - Initialize a new virtual machine

SYNOPSIS

podman machine init [options] [name]

DESCRIPTION

Initialize a new virtual machine for Podman.

Podman on macOS requires a virtual machine. This is because containers are Linux - containers do not run on any other OS because containers' core functionality are tied to the Linux kernel.

podman machine init initializes a new Linux virtual machine where containers are run. SSH keys are automatically generated to access the VM, and system connections to the root account and a user account inside the VM are added.

By default, the VM distribution is Fedora CoreOS. Fedora CoreOS upgrades come out every 14 days and are detected and installed automatically. The VM will be rebooted during the upgrade. For more information on updates and advanced configuration, please see the FCOS update docs [here](#) and [here](#).

OPTIONS

--cpus=number

Number of CPUs.

--disk-size=number

Size of the disk for the guest VM in GB.

--ignition-path

Fully qualified path of the ignition file.

If an ignition file is provided, the file will be copied into the user's CONF_DIR and re-named. Additionally, no SSH keys will be generated nor will a system connection be made. It is assumed that the user will do these things manually or handle otherwise.

`--image-path`

Fully qualified path or URL to the VM image. Can also be set to `testing`, `next`, or `stable` to pull down default image. Defaults to `testing`.

`--memory, -m=number`

Memory (in MB).

`--help`

Print usage statement.

EXAMPLES

```
$ podman machine init
```

```
$ podman machine init myvm
```

```
$ podman machine init --disk-size 50
```

```
$ podman machine init --memory=1024 myvm
```

SEE ALSO

`podman-machine(1)`

HISTORY

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`podman-machine-init(1)()`