

HOW-TO: Setup a machine after OS installation

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Background

Setup machine after creation in a hypervisor or Cloud infrastructure.

Repositories

	Repository	Description
1	https://github.com/tenzin-io/setup-machine.git	<ul style="list-style-type: none">▪ Setup the machine after installation of the operating system.▪ The bare necessities as a <code>tenzin.io</code> machine.
2	https://github.com/tenzin-io/setup-dockerhost.git	<ul style="list-style-type: none">▪ Setup the machine as a Docker host.▪ Includes my version of the <code>daemon.json</code> file and installs <code>docker-compose</code> binary.

Debian and Ubuntu

Configure machine

```
# install packages
apt-get update && apt install -y ansible git

git clone https://github.com/tenzin-io/setup-machine.git
cd setup-machine
./main.yml
cd ..

git clone https://github.com/tenzin-io/setup-dockerhost.git
cd setup-dockerhost
./main.yml
cd ..
```

Setup as Github actions runner

The below walkthrough can also be found under GitHub account profile [Actions](#) [Runner configuration](#) page.

Linux arm64

```
# Create a folder
mkdir actions-runner && cd actions-runner

# Download the latest runner package
curl -o actions-runner-linux-arm64-2.290.1.tar.gz -L https://github.com/actions/runner/releases/download/v2.290.1/actions-runner-linux-arm64-2.290.1.tar.gz

# Optional: Validate the hash
echo "640596ec55df33efelfff086e1379c1108cba6656791807708cdb664de51fb01  actions-runner-linux-arm64-2.290.1.tar.gz" | shasum -a 256 -c

# Extract the installer
tar xzf ./actions-runner-linux-arm64-2.290.1.tar.gz

# Interactive configuration of actions runner
./config.sh --url https://github.com/tenzin-io --token <GITHUB TOKEN>

# Install as a service
sudo ./svc.sh install
sudo ./svc.sh start
sudo ./svc.sh status
```

Linux amd64

```
# Create a folder
mkdir actions-runner && cd actions-runner

# Download the latest runner package
curl -o actions-runner-linux-x64-2.290.1.tar.gz -L https://github.com/actions/runner/releases/download/v2.290.1/actions-runner-linux-x64-2.290.1.tar.gz

# Optional: Validate the hash
echo "2b97bd3f4639a5df6223d7ce728a611a4cbdde9622c1837967c83c86ebb2baa  actions-runner-linux-x64-2.290.1.tar.gz" | shasum -a 256 -c

# Extract the installer
tar xzf ./actions-runner-linux-x64-2.290.1.tar.gz

# Interactive configuration of actions runner
./config.sh --url https://github.com/tenzin-io --token <GITHUB TOKEN>

# Install as a service
sudo ./svc.sh install
sudo ./svc.sh start
sudo ./svc.sh status
```