

Installationsprotokoll

System aktualisieren

```
sudo apt-get update  
sudo apt-get upgrade
```

NTP installieren

```
sudo apt-get install ntp
```

Docker installieren

Abhängigkeiten installieren

```
sudo apt-get install ca-certificates curl gnupg  
sudo install -m 0755 -d /etc/apt/keyrings
```

Docker GPG-Schlüssel hinzufügen

```
curl -fsSL https://download.docker.com/linux/debian/gpg | sudo gpg --dearmor  
-o /etc/apt/keyrings/docker.gpg  
sudo chmod a+r /etc/apt/keyrings/docker.gpg
```

Docker Repository hinzufügen

```
echo "deb [arch=$(dpkg --print-architecture) signed-  
by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/debian  
$(. /etc/os-release && echo "$VERSION_CODENAME") stable" | sudo tee  
/etc/apt/sources.list.d/docker.list > /dev/null
```

Docker installieren

```
sudo apt-get update  
sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-  
plugin docker-compose-plugin
```

Docker testen

```
sudo docker run hello-world
```

Benutzer zur Docker-Gruppe hinzufügen

```
sudo usermod -a -G docker gitlab-runner
```

GitLab Runner installieren

GitLab Runner Repository hinzufügen

```
curl -L  
"https://packages.gitlab.com/install/repositories/runner/gitlab-runner/scrip  
t.deb.sh" | sudo bash  
sudo apt-get update  
sudo apt-get install gitlab-runner
```

GitLab Runner registrieren

```
sudo gitlab-runner register --url https://gitlab.rafisa.test --token glrt-  
*****
```

Executor und Image konfigurieren

```
sudo nano /etc/gitlab-runner/config.toml
```

Konfiguration für GitLab Runner

```
concurrent = 5  
check_interval = 0  
connection_max_age = "15m0s"  
shutdown_timeout = 0  
  
[session_server]  
  session_timeout = 1800  
  
[[runners]]  
  name = "test-docker-runner"  
  url = "https://gitlab.rafisa.test"  
  token = "glrt-*****"  
  executor = "docker"  
  [runners.custom_build_dir]  
  [runners.cache]  
    MaxUploadedArchiveSize = 0  
  [runners.cache.s3]  
  [runners.cache.gcs]  
  [runners.cache.azure]  
  [runners.docker]  
    tls_verify = false  
    image = "alpine:latest"  
    privileged = false  
    disable_entrypoint_overwrite = false  
    oom_kill_disable = false  
    disable_cache = false  
    volumes = ["/cache"]
```

```
shm_size = 0
```

```
[[runners]]  
  name = "test-shell-runner"  
  url = "https://gitlab.rafisa.test"  
  token = "glrt-*****"  
  executor = "shell"  
  [runners.custom_build_dir]  
  [runners.cache]  
    MaxUploadedArchiveSize = 0  
    [runners.cache.s3]  
    [runners.cache.gcs]  
    [runners.cache.azure]
```

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