

# Rudder

## Installation rudder server

```
wget --quiet -O /etc/apt/trusted.gpg.d/rudder_apt_key.gpg "https://repository.rudder.io/apt/rudder_apt_key.gpg"
echo "deb http://repository.rudder.io/apt/7.2/ $(lsb_release -cs) main" > /etc/apt/sources.list.d/rudder.list
echo "machine download.rudder.io login LOGIN password PASSWORD" > /etc/apt/auth.conf.d/rudder.conf
chmod 640 /etc/apt/auth.conf.d/rudder.conf
apt-get update
apt-get install rudder-server
```

Change `LOGIN` and `PASSWORD` by yours

Then create an admin user:

```
rudder server create-user -u USERNAME
```

Replace `USERNAME` by what you want to name the admin account

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## Installation rudder agent

```
wget --quiet -O /etc/apt/trusted.gpg.d/rudder_apt_key.gpg "https://repository.rudder.io/apt/rudder_apt_key.gpg"
echo "deb http://repository.rudder.io/apt/7.2/ $(lsb_release -cs) main" > /etc/apt/sources.list.d/rudder.list
echo "machine download.rudder.io login LOGIN password PASSWORD" > /etc/apt/auth.conf.d/rudder.conf
chmod 640 /etc/apt/auth.conf.d/rudder.conf
apt-get update
apt-get install rudder-agent
```

Change `LOGIN` and `PASSWORD` by yours

Then join the rudder server

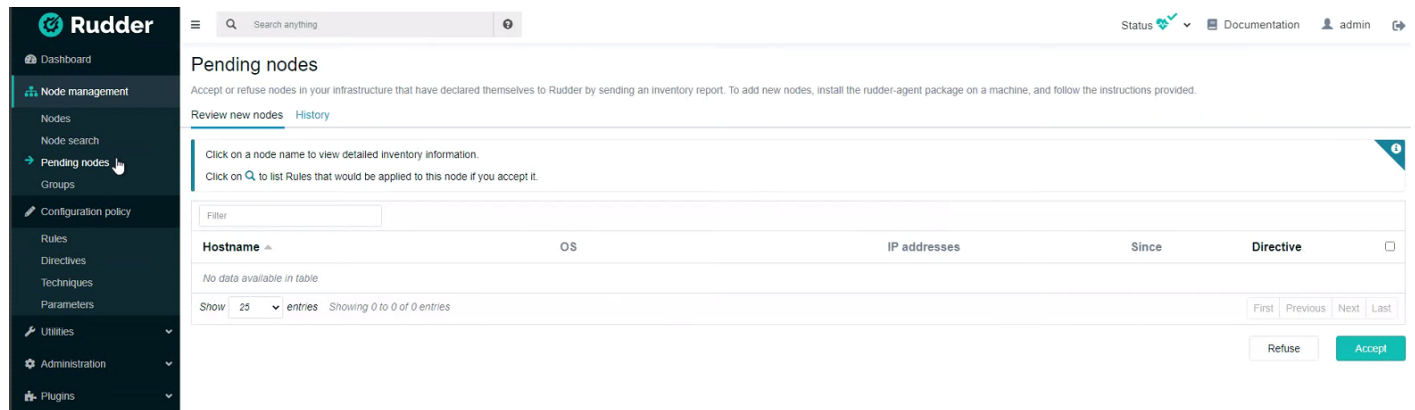
```
rudder agent policy-server <IP>
```

force the agent to run

```
rudder agent inventory
```

```
rudder agent run
```

Go on the rudder web GUI in **Pending nodes** tab and accept the new node



# Use Rudder as ansible inventory provider

Get the conf file and pt it in the ansible dir

```
cd /usr/share/ansible
wget https://raw.githubusercontent.com/ansible-community/contrib-scripts/main/inventory/rudder.py
wget https://raw.githubusercontent.com/ansible-community/contrib-scripts/main/inventory/rudder.ini
```

open **rudder.py** and change the first line to

```
#!/usr/bin/env python
#!/usr/bin/env python3
```

chmod **rudder.py** to 777 and then modify **rudder.ini**

```
uri = https://rudder.local/rudder/api
uri = https://<ip srv root rudder>/rudder/api
```

```
token = aaabbbccc  
token = <token readonly>
```

add script plugin in **ansible.cfg**

```
enable_plugins=script, auto, yaml, ini, toml, host_list
```

run the list command with **rudder.py** as inventory

```
ansible-inventory -i rudder.py --list
```

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# Change root policy on node

```
rudder agent factory-rest  
rudder agent policy-server <ip>  
rudder agent inventory  
rudder agent run
```

Then accept the node on the root UI

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