

Ansible

GoQuorum can be installed using Ansible on a linux VM or OSX machine. Additionally, you can use the same role in conjunction with other orchestration tooling like Terraform.

Ansible-Galaxy

You can use an [Ansible Galaxy](#) role to install, configure, and run GoQuorum

Install the role

The first step is to include the role in the requirements.yml file with any other roles that you use. For example the Prometheus exporter roles below publishes system metrics that can be scraped with Prometheus

requirements.yml

```
roles : -
```

```
src : consensys.goquorum version : 0.1.0 -
```

```
src : undergreen.prometheus - node - exporter version : v1.4.0 -
```

```
src : undergreen.prometheus - exporters - common version : v1.2.0 Then install the role:
```

```
ansible-galaxy install --role-file requirements.yml
```

Use the role

After you [install the role](#), create a file called goquorum.yml where you can define variables to configure GoQuorum. For example, you can configure the JSON-RPC service as follows:

goquorum.yml

```
-
```

```
hosts : localhost connection : local force_handlers :
```

```
True
```

```
roles : -
```

```
role : consensys.goquorum vars : goquorum_version : vX.Y.Z goquorum_consensus_algorithm :
```

```
"istanbul" goquorum_genesis_path :
```

```
"/path/to/genesis_file" goquorum_http_enabled :
```

```
true goquorum_http_host : 127.0.0.1 goquorum_http_port :
```

```
8545 goquorum_http_api : [ "admin" , "db" , "eth" , "debug" , "miner" , "net" , "web3" , "quorum" , "ibft" , ]
goquorum_http_cors_origins :
```

```
[ "all" ] goquorum_http_virtual_hosts :
```

```
[ "all" ] Run the file as follows:
```

```
ansible-playbook -v /path/to/goquorum.yml Edit this page Last updated on May 15, 2023 by Alexandra Tran Carrillo Previous
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```