



Getting Started with HashiCorp Consul

Objective 3 - Lab Guide

1. View the members of the cluster

a. `$ consul members`

2. Download the prepared-query file from GitHub

<https://github.com/btkrausen/hashicorp/blob/master/consul/prepared-query.json>

3. Create the prepared query using the Consul API

a. `$ curl -request POST -data @prepared-query.json
http://10.0.101.110:8500/v1/query`

4. View the prepared query using the Consul API

a. `$ curl http://10.0.101.110:8500/v1/query/<id>`

5. Execute the prepared query using DNS and note there is only a single node returned since only one node matches the v7.05 tag

a. `$ dig @10.0.101.110 -p 8600 eCommerce.query.consul`

6. Modify the prepared-query.json file to change the tags from v7.05 to v8

a. `$ sudo vi prepared-query.json`

7. Update the prepared query with the updated definition file

a. `$ curl -request PUT -data @prepared-query.json
http://10.0.101.110:8500/v1/query/<id>`

8. Execute the prepared query using DNS and note Consul returns the other node now that the required tag is v8

a. `$ dig @10.0.101.110 -p 8600 eCommerce.query.consul`