



Getting Started with HashiCorp Consul

Objective 3 - Lab Guide

1. Validate the response from Consul by querying DNS
 - a. `$ dig @10.0.110.101 -p 8600 front-end-eCommerce.service.consul`
2. Validate the response from Consul using an API request
 - a. If you want to use jq, you must install it first. You can do this by using:
 - i. `$ sudo yum install -y jq`
 - b. `$ curl -request GET http://<ip_address>:8500/v1/catalog/service/front-end-eCommerce?ns=default | jq`
3. Start the Consul service on another web server
 - a. `$ sudo systemctl start consul`
4. View the members of the cluster and note that this new agent has not joined the cluster
 - a. `$ consul members`
5. Join the Consul agent to the cluster
 - a. `$ consul join 10.0.101.110`
6. View the members of the cluster and note that this new agent has joined the cluster
 - a. `$ consul members`
7. Register the front-end-eCommerce service from the second web server
 - a. `$ consul services register service-with-health.json`
8. Validate the response from Consul now shows two servers hosting the front-end-eCommerce service by querying DNS
 - a. `$ dig @10.0.110.101 -p 8600 front-end-eCommerce.service.consul`