# Lab Access Details

|  |  |  |
| --- | --- | --- |
| CIMC of APIC 1 | 10.66.88.178 | Username: adminPassword: password |
| CIMC of APIC 2 | 10.66.88.179 | Username: adminPassword: password |
| CIMC of APIC 3 | 10.66.88.180 | Username: adminPassword: password |
| APIC1 | 10.66.88.181 | Username: adminPassword: @ciTraining123 |
| APIC2 | 10.66.88.182 | Username: adminPassword: @ciTraining123 |
| APIC3 | 10.66.88.183 | Username: adminPassword: @ciTraining123 |
| N9K standalone | 10.66.88.170 | Username: adminPassword: 123Cisco123 |
| ESX2 | 10.66.88.174 | Username: rootPassword: @ciTraining123 |

#

# Lab1 Fabric Discovery

APIC3 has become unavailable in the APIC Cluster. Please troubleshoot.

Reference:

<http://aci-troubleshooting-lab.readthedocs.io/en/latest/fabric-discovery.html>

#

#

# Lab2 Access Policy

VPC between Leaf101-102 and N9K is down. Please troubleshoot.

Reference:

<http://aci-troubleshooting-lab.readthedocs.io/en/latest/access-policy.html>



Access details are shown at the beginning of this lab sheets.

# Lab3 End Point Group



Task: Each student to create:

* 1 local user with role admin read-write
* 1 tenant
* 1 VRF
* 1 BD (Disable L3 unicast routing)
* Simple: 1 EPG with 2 static bindings to allow communication.
Harder: 2 EPGs, each has 1 static binding and a contract

Physical Domain: PhysicalDom

Encap vlan: shown in the below table

Verification:

Login to N9K and ping to EP1

|  |  |  |  |
| --- | --- | --- | --- |
| **Tenant** | **Encap VLAN** | **EP1** | **EP2** |
| student1 | 201 | 192.168.201.1 | 192.168.201.2 |
| student2 | 202 | 192.168.202.1 | 192.168.202.2 |
| student3 | 203 | 192.168.203.1 | 192.168.203.2 |
| student4 | 204 | 192.168.204.1 | 192.168.204.2 |
| student5 | 205 | 192.168.205.1 | 192.168.205.2 |
| student6 | 206 | 192.168.206.1 | 192.168.206.2 |
| student7 | 207 | 192.168.207.1 | 192.168.207.2 |
| student8 | 208 | 192.168.208.1 | 192.168.208.2 |
| student9 | 209 | 192.168.209.1 | 192.168.209.2 |
| student10 | 210 | 192.168.210.1 | 192.168.210.2 |
| student11 | 211 | 192.168.211.1 | 192.168.211.2 |
| student12 | 212 | 192.168.212.1 | 192.168.212.2 |
| student13 | 213 | 192.168.213.1 | 192.168.213.2 |
| student14 | 214 | 192.168.214.1 | 192.168.214.2 |
| student15 | 215 | 192.168.215.1 | 192.168.215.2 |
| student16 | 216 | 192.168.216.1 | 192.168.216.2 |
| student17 | 217 | 192.168.217.1 | 192.168.217.2 |
| student18 | 218 | 192.168.218.1 | 192.168.218.2 |
| student19 | 219 | 192.168.219.1 | 192.168.219.2 |
| student20 | 220 | 192.168.220.1 | 192.168.220.2 |

# Lab4 Forwarding Between BDs



Problem: EP-2 cannot ping EP-1. Please troubleshoot.

<http://aci-troubleshooting-lab.readthedocs.io/en/latest/ep-learning.html>

# Lab5 L3out



Problem: EP-2 cannot ping EP-1. Please troubleshoot.

<http://aci-troubleshooting-lab.readthedocs.io/en/latest/l3out.html>

# Lab6 Virtual Machine Manager

