1. Set up of LAN Segments

Introduction

**Objective**

At the end of this guide, you will learn how to configure network interfaces.

**Login**

The login credential for all server and client machines:

Username: root / user

Password: Skill39@Lyon

**Network Topology**

| This will be the network topology that will be referenced for setting up the infrastructure. |
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Create 3 LAN Segments:

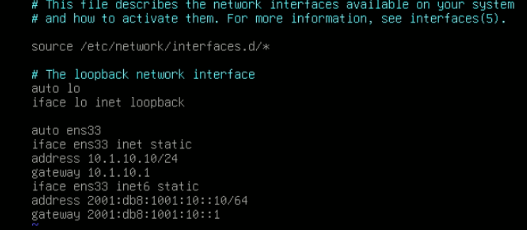
1. INT
2. DMZ
3. WAN

| VMs | LAN Segments |
| --- | --- |
| fw.worldskills.org | WAN  INT  DMZ |
| int-srv01.int.worldskills.org | INT |
| mail.dmz.worldskills.org | DMZ |
| ha-prx01.dmz.worldskills.org | DMZ |
| ha-prx02.dmz.worldskills.org | DMZ |
| web01.dmz.worldskills.org | DMZ |
| web02.dmz.worldskills.org | DMZ |
| jamie-ws01.ext.worldskills.org | WAN |

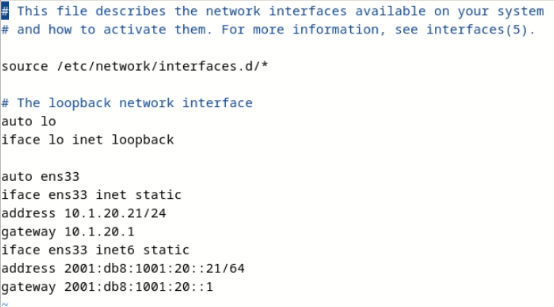
vim /etc/network/interfaces

| fw.worldskills.org |
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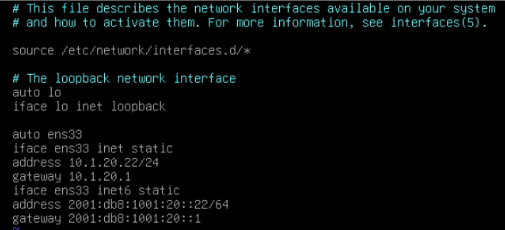
int-srv01.int.worldskills.org



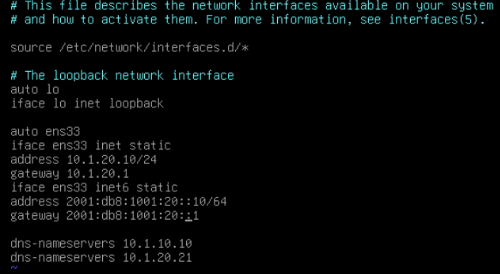
ha-prx01.dmz.worldskills.org



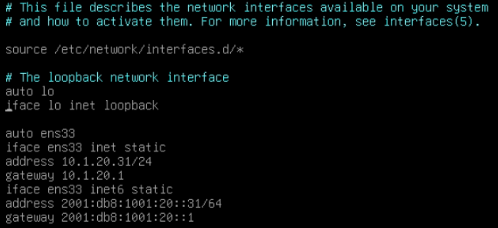
ha-prx02.dmz.worldskills.org



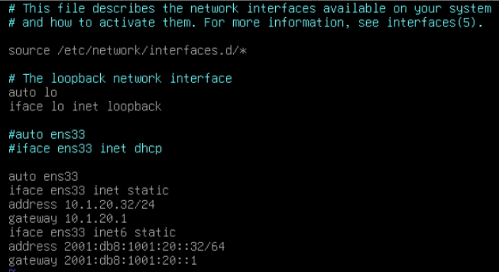
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jamie-ws01.ext.worldskills.org

