Automation Demo Topologies

https://github.com/JNPRAutomate/JNPRAutomateDemo-Student/

Base Topology

Private Server:
192.168.10.10

Public Server:
10.10.0.10

Head End Untrust:
10.10.0.5

IPSec VPN

Shared LAN: 10.10.0.0 /22

Student Vagrant Topology

vSRX Untrust:
ge-0/0/2: DHCP

int: st0.<pod_id>
zone: VPN

vSRX Trust:
ge-0/0/1: 172.16.0.1

NetDevOps
eth1: 172.16.0.10
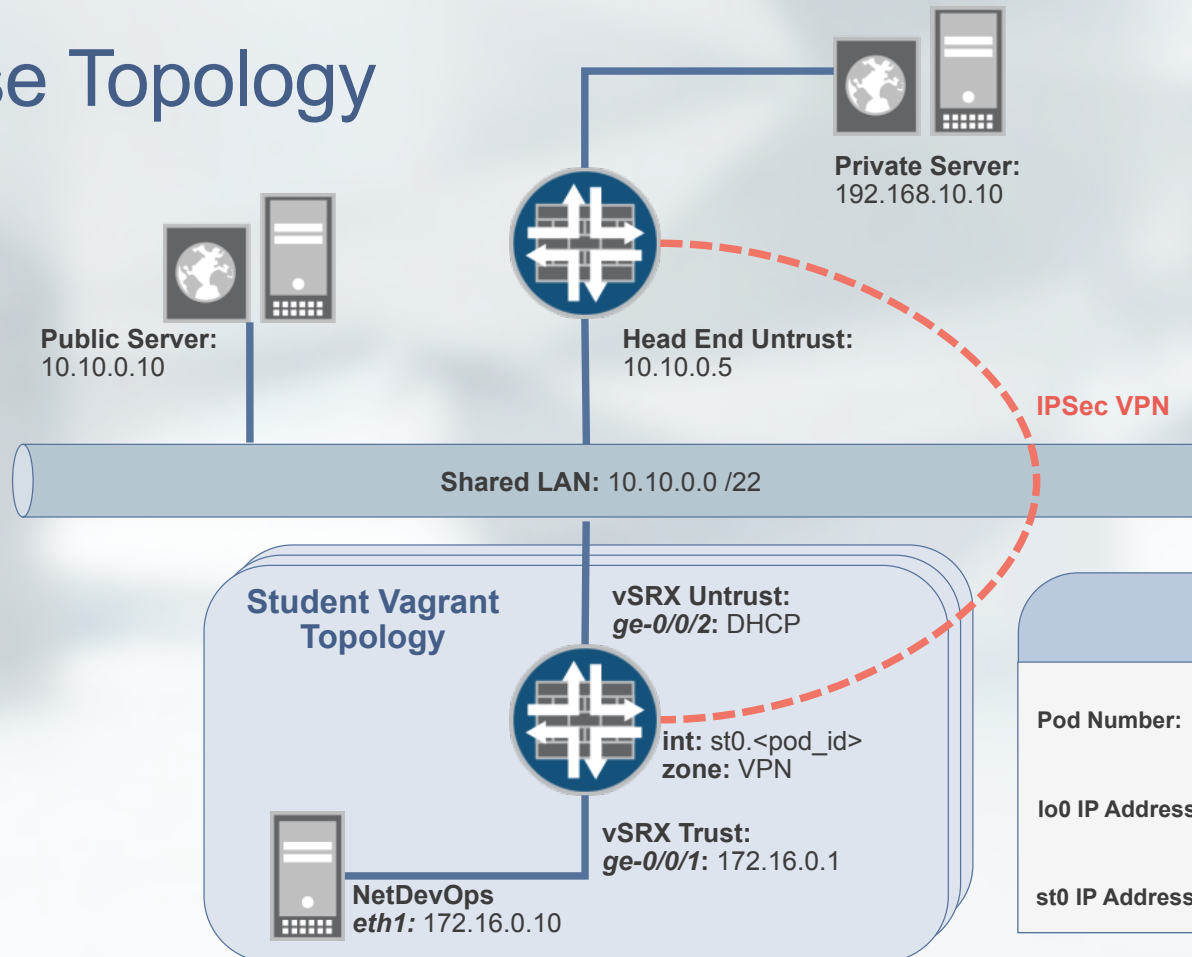
Pod Details

Pod Number: _____

lo0 IP Address: _____

st0 IP Address: _____

Useful Commands and Links

Vagrant Commands

- **vagrant up**
  - Start VM topology
- **vagrant suspend**
  - Put VMs into suspend mode, and maintain state
- **vagrant halt**
  - Power down and but do not delete all VMs in current directory
- **vagrant destroy**
  - Power down and delete all VMs in current directory
- **vagrant global-status**
  - Display a list of all Vagrant VMs currently running on the system

Ansible Commands

- **ansible-playbook**
  - **-i <inventory file>**
    - Set which inventory file to use for the Ansbile run
  - **-u REMOTE_USER**
    - Connect as this user (default=vagrant)
  - **--ask-pass**
    - Prompt for user for SSH password to use for Ansible run
  - **--list-hosts**
    - outputs a list of matching hosts; does not execute anything else
  - **-v or –vvv**
    - Verbose mode (-vvv for more, -vvvv to enable connection debugging)

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