**Alaska Cluster – Grading Rubric – Phase 1**

**Part I. PINGS**

Create a Scenario called **ALASKA**. Make sure you don’t erase your other cluster scenarios. Put these PINGs in it.

|  |  |  |
| --- | --- | --- |
| **Source** | **Destination** | **Successful? (√)** |
| Bethel LAN | Valdez LAN |  |
| Barrow LAN | Deadhorse LAN |  |
| FortYukon LAN | Palin1 |  |
| Cold Bay LAN | Iditarod2 |  |
| Fairbanks LAN | A-Switch1 |  |
| Pipeline DHCP | DNS Server |  |
| Inuit3 | Pipeline2 |  |
| palin.com web server | A-Switch4 |  |
| Pipeline1 | Inuit1 |  |
| A-Switch2 | A-Switch3 |  |
| Iditarod1 | Palin2 |  |
| Palin3 | Pipeline3 |  |

**Part II. Screenshots**

Directions – For each device, issue the command and take a screenshot of your CLI. Crop the screenshot to include just the output from the provided command. Paste them below the command.

Anchorage Router - SHOW IP ROUTE

Anchorage Router – SHOW IP DHCP POOL Palin – (Palin must be same capitalization as you used when you set it up)

A-Switch1 – SHOW VLAN

A-Switch2 – SHOW VTP STATUS

A-Switch4 – SHOW VLAN

Pipeline DHCP Server – Go to Services Tab – DHCP – Take Screenshot

**Part III. Web/DNS Tests**

Open a browser on the following devices. Enter palin.com. Does the website appear?

|  |  |
| --- | --- |
| **Device** | **Successful connection to palin.com via browser?** |
| Deadhorse LAN |  |
| Inuit1 |  |
| DNS Server |  |
| Pipeline2 |  |
| Iditarod2 |  |
| Palin3 |  |

**Part IV. Cluster To Cluster PINGS**

Create a Scenario called **ALASKA2.**

|  |  |  |
| --- | --- | --- |
| **Source** | **Destination** | **Successful? (√)** |
| Bethel LAN | LA3-PC |  |
| Miami-LAN | Deadhorse LAN |  |
| Buffalo-LAN | Palin1 |  |
| GR-LAN#1 | Iditarod2 |  |
| Albany-LAN | A-Switch1 |  |
| Inuit1 | Sac-Printer |  |