**California Cluster – Grading Rubric**

**Part I. PINGS (Within California)**

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

|  |  |  |
| --- | --- | --- |
| **Source** | **Destination** | **Successful? (√)** |
| Sac-Laptop | SD-Server |  |
| LA3-Laptop | Google-PC |  |
| Google-DNS Server | LA1-Printer |  |
| LA2-PC | SD-PC |  |
| Sac-Printer | LA3-Server |  |
| Google.com Web Server | SD-Laptop |  |

**Part II. Inter-Cluster PINGs**

We added in the backbone to our project. We should be able to successful ping between any of the six clusters now.

Name this scenario **Cluster3**.

|  |  |  |
| --- | --- | --- |
| **Source (Cluster, Device)** | **Destination (Cluster, Device)** | **Successful? (√)** |
| LA1-PC | Miami-LAN |  |
| Google-PC | NYC-LAN#2 |  |
| SD-Server | Pipeline2 |  |
| Sac-Printer | EP-PC |  |
| LA3-Laptop | Saginaw-LAN |  |
| LA2-Server | Deadhorse-LAN |  |

**Part III. HTTP**

We should be able to read via a browser the following domains now: palin.com, disney.com, nyse.com and google.com

Using the browser, on the specified device, test connectivity to the shown domain name.

|  |  |  |
| --- | --- | --- |
| **Source (Device)** | **Domain** | **Successful? (√)** |
| GR-LAN#2 | palin.com |  |
| Gain-LAN | google.com |  |
| Lubbock-Server | nyse.com |  |
| Holland-LAN | disney.com |  |
| Inuit1 | disney.com |  |
| Google-PC | nyse.com |  |
| Houston-Laptop | palin.com |  |
| Buffalo-LAN | google.com |  |

**Part IV. Email**

Configure Email on the following devices for the following accounts:

Jax-LAN – [goofy@disney.com](mailto:goofy@disney.com) Syracuse-LAN– [wolf@nyse.com](mailto:wolf@nyse.com)

Fairbanks-LAN – [minnie@disney.com](mailto:minnie@disney.com) Gaylord-LAN – [donald@nyse.com](mailto:donald@nyse.com)

Austin-Laptop – [mickey@disney.com](mailto:mickey@disney.com) Iditarod2 – [admin@nyse.com](mailto:admin@nyse.com)

LA3-Laptop – [walt@disney.com](mailto:walt@disney.com)

Be sure to erase any email message that had previously been sent before the next part.

Send the following email. Verify their receipt on the destination device. The contents of the email should be simply, “Hello, username”. Ex: “Hello, Goofy!” or “Hello, Donald!”

|  |  |  |
| --- | --- | --- |
| **Source (Device)** | **Domain** | **Successful? (√)** |
| [mickey@disney.com](mailto:mickey@disney.com) | [admin@nyse.com](mailto:admin@nyse.com) |  |
| [wolf@nyse.com](mailto:wolf@nyse.com) | [walt@disney.com](mailto:walt@disney.com) |  |
| [donald@nyse.com](mailto:donald@nyse.com) | [minnie@disney.com](mailto:minnie@disney.com) |  |
| [goofy@disney.com](mailto:goofy@disney.com) | [walt@disney.com](mailto:walt@disney.com) |  |

**Part V. FTP**

Follow these steps to test your FTP.

1. On Google PC, use the Text Editor to create a file called *lotto.txt*. This file should contain your six lucky number when playing the lotto.
2. FTP from Google PC using the admin account and upload lotto.txt to the nyse.com FTP server.
3. On Naples-LAN, connect to the FTP server using the Donald account.
   1. Can you see the lotto.txt file?
   2. Can you download the lotto.txt file?
4. On Palin2, connect to the FTP server using the wolf account.
   1. Can you see the lotto.txt file?
   2. Can you download the lotto.txt file?

**Part VI. 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.

MountainView Router - SHOW IP ROUTE

Fresno Router – SHOW IP ROUTE

Show successful email sent from [goofy@disney.com](mailto:goofy@disney.com) to [walt@disney.com](mailto:walt@disney.com) (screenshot on Jax-LAN)

Show successful email received from [donald@nyse.com](mailto:donald@nyse.com) to [minnie@disney.com](mailto:minnie@disney.com) (screenshot on Fairbanks)

Show screenshot of your Cluster3 Pings. (Toggle PDU List Window)