

Assign#3: Configuring a Network Operating System

For this exercise, you will complete the steps as outlined in the Packet Tracer project **2.1.4.6** and **2.3.2.5**. Before starting, ensure that you review all of the instructions below as they modify the steps that have been integrated into the project file.

If required, ensure that the screenshots you make at each of specified points in the assignment are to specification.

When indicated, a full screen shot must include the ENTIRE SCREEN of your workstation, including the task bar.

Snippets of the screen will not be considered sufficient when a full screen shot has been specified.

The screenshots and your answers to the specified questions are to be entered into a **Microsoft Word** document.

Submission must include BOTH a copy of the Word document (.docx) and a copy of the Packet Tracer project file (.pka) attached to this Assignment within Blackboard.

Preparation for 2.1.4.6

- Open the attached MS Word worksheet document (**Assign#3-Wrksht.docx**) and save it to *your drive*. Record ALL answers and screenshots within this document.
 - **NOTE: you must use the attached worksheet file for your submission**
- Save the .docx file to either your personal computer's drive OR to **your Home Folder (G:)** on the College network
- Open the Packet Tracer project file **2.1.4.6 - Navigating the IOS.pka** that is attached to this assignment within Blackboard.
 - Save the .pka file either to your personal computer's drive OR to **your Home Folder (G:)** on the network

NOTE: Refer to the attached file: **2.1.4.6 – Navigating the IOS-Instructions.pdf**

Part 1: Establish Basic Connections...

- Complete this exercise (no modifications to instructions).
- Record the following answers into your Word document:
 - Step 2 b, d
 - Step 3 a, c

Part 2: Explore EXEC Modes

- Complete this exercise (no modifications to instructions).
- Record the following answers into your Word document:
 - Step 1 a, d

Part 3: Set the Clock

- Complete this exercise (no modifications to instructions).
- Record the following answers into your Word document:
 - Step 1 a
 - Step 2 b

Conclusion of 2.1.4.6

- Exit Packet Tracer without saving the file. The packet tracer file does NOT need to be attached to this assignment.
- **Save** your MS Word document before proceeding to the next part of this assignment.

Preparation for 2.3.2.5

- Open the Packet Tracer project file **2.3.2.5 - Implementing Basic Connectivity.pka** that is attached to this assignment within Blackboard.
 - Save the .pka file either to your personal computer's drive OR to **your Home Folder (G:)** on the network

NOTE: Refer to the attached file: **2.3.2.5 – Implementing Basic Connectivity-Instructions.pdf**

Part 1: Establish Basic Connections...

- Complete this exercise with the following modifications:
 - **Step 1b):** use the *hostname* **S1-####** & **S2-####** where **####** represents the last 4 numbers of *your student number*
 - **NOTE:** For the remainder of this assignment, remember that S1 & S2 will have a portion of your student number incorporated in the device **hostname**.
- Record the following answers into your Word document:
 - Step 5

Part 2: Configure the PCs

- Complete this exercise (no modifications to instructions).
- Record the following answers into your Word document:
 - Step 2 b

Part 3: Configure the Switch Management Interface

- Complete this exercise (no modifications to instructions).
- Record the following answers into your Word document:
 - Step 1

Conclusion

- In Packet Tracer, use the **Save As ...** command in the **File** menu to save a copy of your Packet Tracer project (2.3.2.5) to either your personal computer's drive OR **your Home Folder (G:)** on the network
 - you may select any name of your choosing
- Save and close your MS Word document file
 - Important: If you do not save the MS Word file before submission, the version submitted may not be the same as what is currently displayed.

Review the Rubric attached to this assignment to ensure that you have completed all of the requisite steps. The *Suggested Scoring Rubric* attached to the Packet Tracer project file is not the rubric that is used for grading your submission.

Attach BOTH the completed **MS Word (.docx)** document as well as the completed **Packet Tracer (.pka)** project specified to this Assignment within Blackboard and submit when complete.