**Final Exam Logical Topology**

**Network Requirements**Examine the network requirements (current and future) and answer the questions below.

1. How many subnets are possible?
2. How many subnets are required?

**Design an IP Addressing Scheme**

Subnet the network **(provided to you on the exam)** into the appropriate number of subnets.

1. Fill in the following chart with the subnet information

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| --- | --- | --- | --- |
| **Subnet Number** | **Subnet Address** | **1st Usable Host Address** | **Last Usable Host Address** |
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**Device Address Table**

* You only to need to list one 1 PC per subnet. Make sure to name your PC’s accordingly. The PC’s should list the NIC as their interface.
* No need to include the printers in this device table.
* The router will have many IP addresses depending on the number of subnets you have in your topology

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| **Device (Name)** | **IPv6 Address** | **Default Gateway (if applicable)** |
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