**MODULE 7 - ACTIVITY NO. 1**

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| --- | --- | --- | --- |
| **Name:** | **Ishmael L. Ramirez** | **Date:** | **November 8, 2022** |
| **Subject/Section:** | **CIT3101 – IT2E** | **Professor:** | **Larry Rutaquio** |

1. **10.188.0.0 /14**

**10.192.0.0 /16**

**10.193.0.0 /16**

**10.184.0.0 /14**

**10.176.0.0 /13**

**10.194.0.0 /15**

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| --- | --- |
| **10.188.0.0** | **10.10111100.0.0** |
| **10.192.0.0** | **10.11000000.0.0** |
| **10.193.0.0** | **10.11000001.0.0** |
| **10.184.0.0** | **10.10111000.0.0** |
| **10.176.0.0** | **10.10110000.0.0** |
| **10.194.0.0** | **10.11000010.0.0** |

**Summary Route: 10.128.0.0/9**

1. **192.168.10.96 /28**

**192.168.10.120 /29**

**192.168.10.64 /27**

**192.168.10.128 /27**

**192.168.10.112 /29**

**192.168.10.160 /27**

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| --- | --- |
| **192.168.10.96** | **192.168.10.01100000** |
| **192.168.10.120** | **192.168.10.01111000** |
| **192.168.10.64** | **192.168.10.01000000** |
| **192.168.10.128** | **192.168.10.01110000** |
| **192.168.10.112** | **192.168.10.01110000** |
| **192.168.10.160** | **192.168.10.10100000** |

**Summary Route: 192.168.10.0/24**

1. **10.184.0.0 /14**

**10.193.0.0 /16**

**10.194.0.0 /15**

**10.192.0.0 /16**

**10.188.0.0 /14**

**10.196.0.0 /14**

**10.176.0.0 /13**

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| --- | --- |
| **10.184.0.0** | **10.10111000.0.0** |
| **10.193.0.0** | **10.11000001.0.0** |
| **10.194.0.0** | **10.11000010.0.0** |
| **10.192.0.0** | **10.11000000.0.0** |
| **10.188.0.0** | **10.10111100.0.0** |
| **10.196.0.0** | **10.11000100.0.0** |
| **10.176.0.0** | **10.10110000.0.0** |

**Summary Route: 10.128.0.0/9**

1. **172.16.114.0 /23**

**172.16.116.0 /22**

**172.16.112.0 /23**

**172.16.96.0 /20**

**172.16.64.0 /20**

**172.16.80.0 /20**

**172.16.120.0 /21**

|  |  |
| --- | --- |
| **172.16.114.0** | **172.16.01110010.0** |
| **172.16.116.0** | **172.16.01110100.0** |
| **172.16.112.0** | **172.16.01110000.0** |
| **172.16.96.0** | **172.16.01100000.0** |
| **172.16.64.0** | **172.16.01000000.0** |
| **172.16.80.0** | **172.16.01010000.0** |
| **172.16.120.0** | **172.16.01111000.0** |

**Summary Route: 172.16.64.0/18**