**UNIVERSITY OF ASIA PACIFIC**

**LAB FINAL EXAM**

**CSE 320 COMPUTER NETWORKS**

**HASAN TAHSIN RAFSAN**

**A1 SECTION**

**3RD YEAR 2ND SEMESTER**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | No. of Hosts | Network Address | Subnet Mask | First Host | Last Host | Broadcast Address |
| CSE | 500 | 172.12.0.0/23 | 255.255.254.0 | 172.12.0.1 | 172.12.1.254 | 172.12.1.255 |
| CE | 300 | 172.12.2.0/23 | 255.255.254.0 | 172.12.2.1 | 172.12.3.254 | 172.12.3.255 |
| Server-1 | 6 | 172.12.3.0/29 | 255.255.255.248 | 172.12.3.1 | 172.12.3.6 | 172.12.3.7 |
| Server-2 | 6 | 172.12.3.8/29 | 255.255.255.248 | 172.12.3.9 | 172.12.3.14 | 172.12.3.15 |
| DNS  (ip address 192.168.10.34/28) | 14 | 192.168.10.32/28 | 255.255.255.240 | 192.168.1.33 | 192.168.1.46 | 192.168.1.47 |
| R0-R1 | 2 | 12.12.12.0/30 | 255.255.255.252 | 12.12.2.1 | 12.12.2.2 | 12.12.2.3 |
| R1-R2 | 2 | 12.12.12.4/30 | 255.255.255.252 | 12.12.12.5 | 12.12.12.6 | 12.12.12.7 |
| R2-R3 | 2 | 12.12.12.8/30 | 255.255.255.252 | 12.12.12.9 | 12.12.12.10 | 12.12.12.11 |
| R3-R4 | 2 | 12.12.12.12/30 | 255.255.255.252 | 12.12.12.13 | 12.12.12.14 | 12.12.12.15 |
| R4-R9 | 2 | 12.12.12.16/30 | 255.255.255.252 | 12.12.12.17 | 12.12.12.18 | 12.12.12.19 |
| R9-R8 | 2 | 12.12.12.20/30 | 255.255.255.252 | 12.12.12.21 | 12.12.12.22 | 12.12.12.23 |
| R8-R7 | 2 | 12.12.12.24/30 | 255.255.255.252 | 12.12.12.25 | 12.12.12.26 | 12.12.12.27 |
| R7-R6 | 2 | 12.12.12.28/30 | 255.255.255.252 | 12.12.12.29 | 12.12.12.30 | 12.12.12.31 |
| R6-R5 | 2 | 12.12.12.32/30 | 255.255.255.252 | 12.12.12.33 | 12.12.12.34 | 12.12.12.35 |
| R5-R0 | 2 | 12.12.12.36/30 | 255.255.255.252 | 12.12.12.37 | 12.12.12.38 | 12.12.12.39 |
| R1-R6 | 2 | 12.12.12.40/30 | 255.255.255.252 | 12.12.12.41 | 12.12.12.42 | 12.12.12.43 |
| R3-R6 | 2 | 12.12.12.44/30 | 255.255.255.252 | 12.12.12.45 | 12.12.12.46 | 12.12.12.47 |
| R3-R8 | 2 | 12.12.12.48/30 | 255.255.255.252 | 12.12.12.49 | 12.12.12.50 | 12.12.12.51 |

Requirements: Cisco Packet Tracer 7.3.1 64 bit

Screenshots:

