



Republic of the Philippines

NUEVA ECIJA UNIVERSITY OF SCIENCE AND TECHNOLOGY

MUNICIPAL GOVERNMENT OF TALAVERA

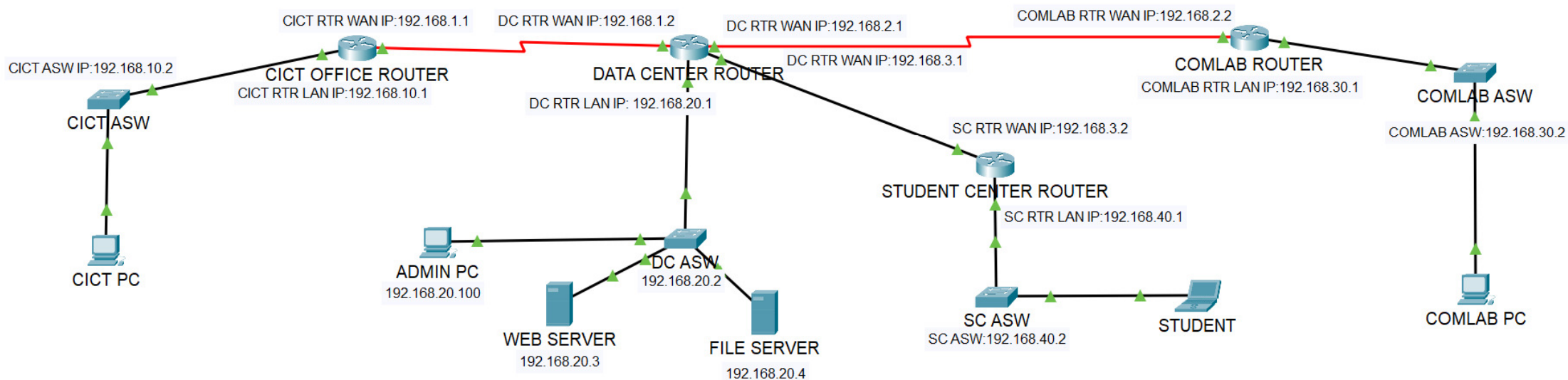
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ITNET02 CASE STUDY: NEUST MGT PROPOSED NETWORK DIAGRAM





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Checklists

- The Network Layout Plan should include at least three locations and one data center.
- Follow the diagram above, including IP addresses, labels, devices, and connections.
- For other devices to be added, it should be well presented with labels and names of the devices.
- Baselining should be done.
- Spanning tree is configured.
- All end devices are pingable.
- All network devices are accessible and passed the ping testing.
- Network device credentials must be added [username: admin, privilege: 15, password: admin1234]
- Add extra credentials [username: student, privilege: 8, password: student1234]
- All DHCP servers should be on Cisco routers.
- The DNS to be obtained by the end devices must be the Cloudfare DNS.
- The /24 network segment is necessary.
- IP exclusion for the first 50 devices.
- All wireless routers will be configured as Wireless Access Points (APs).
- Shut down any unused ports.