Assignment-1 Report

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Section	1		
SRN	PES1UG23CS548		
Project	Exam center network design		

Overview

Built a simulation of an examination center environment in cisco packet tracer. Has >50 nodes as per assignment requirement

Features

- 1. DHCP server
- 2. Web server
- 3. IoT management
- 4. Dynamic routing
- 5. 3 Networks (Left side rooms, management room and right side rooms)
- 6. Modularized rooms
- 7. Clean network layout

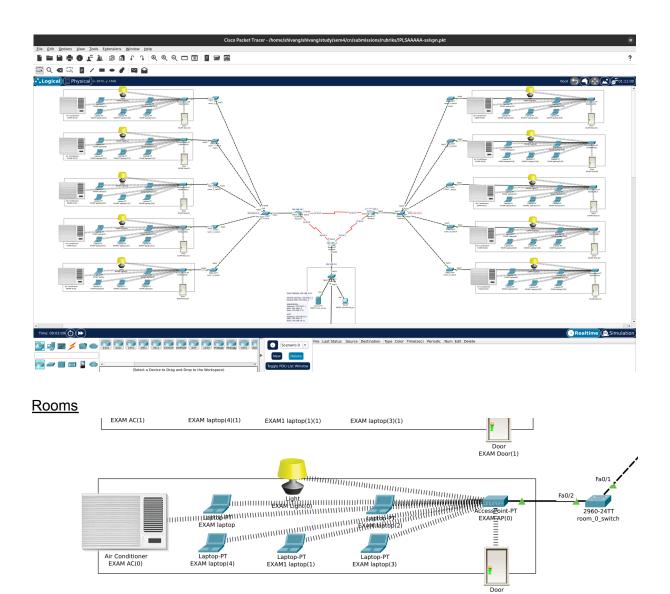
Network Structure

Left side: 192.168.10.0
Management: 192.168.1.0
Right side: 192.168.100.0

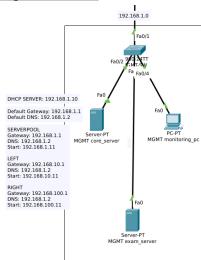
Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
right	192.168.100.1	192.168.1.2	192.168.100.11	255.255.255.0	206	0.0.0.0	0.0.0.0
left	192.168.10.1	192.168.1.2	192.168.10.11	255.255.255.0	206	0.0.0.0	0.0.0.0
serverPool	192.168.1.1	192.168.1.2	192.168.1.11	255.255.255.0	206	0.0.0.0	0.0.0.0

Screenshots

Full view



Management room



Networks

