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interconnecting with routers

Ques:-

- a) Internetworking with router in (ISLO packet tracer simulator
  - b) Design & configure an inter network using wireless routers DHCP server & internet cloud.
- Student observation.

1) Write down key features of configuring wireless router and DHCP server.

- Access the Router's configuration page
- Enter admin username & password
- set basic wireless settings
- Enable DHCP server
- Configure DNS server
- MAC address filtering allow devices by MAC address.
- Apply changes & restart routers.

2) Significance of DHCP server in internetworking:

- \* Automated IP address allocation.

- \* No duplicate IP addresses

- \* Supports large scale networks.

- \* Provides a centralized point for managing IP

Result:

Thus the networking is done in CISCO packet Tracer and IP is verified.

