Result :

Thus, expected output is achieved.

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21. Implementation of IOT devices in Networking

Aim :

To implement an IOT device in networking using packet tracer.

software used :

packet tracer / End devices, Hub.

procedure :

1. Open packet tracer
2. connect to router To internet by drag and drop
3. Add an IOT device to network
4. connect the IOT devices to router
5. configure the IOT devices
6. Test the connectivity of IOT.

Result :

Thus, expected output is achieved.

22. IOT Based AAA local and server based authentication configuration

Aim :

Designing IOT Based AAA local and server based configuration

Software used :

packet traces / End devices, Hubs

Procedure :

1. Defines the components of IOT devices
2. setup local AAA servers to 11.
3. Implement local Authentication
4. configure Central AAA servers
5. Implement server Authetication
6. Logging and Accounling of Data.
7. Recorrection and updates the result.

Result :

Thus, the expected output is acheived

23. Transport layer protocol Header Analysis using wireshark

Aim :

To Analysis the Transport layer protocol Header using wireshark - TCP, UDP.

software used :

Wireshark network Analysis.

Procedure :

1. open wire shark
2. click on the list Available
3. capture interface
4. choose the LAN interface
5. click on start button.
6. Active packets will be displayed.
7. Capture & select IP address
8. click IPv4 → IP
9. select == from selection enter IP
10. click on apply button.

Result :

Thus, the expected Output is Acheived.