

HowTo configure Radius-based GuestVLAN on DGS-1510-series

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[Object]

User Access based on Credentials.

[Overview]

When users accessing the Network he needs to enter credentials to be granted or denied.

[Topology]

Radius Server ----- (p28) DGS-1510-28P (p19) ----- Client
192.168.10.100 192.168.10.6 DHCP

[Device]

DGS-1510-Series FW:1.21.005

[Configure]

Step 1

Enable global state of RADIUS (802.1X) function and the function of port19 of DUT:

Create Radius Server

```
configure terminal  
aaa new-model //enable AAA global state  
radius-server host 192.168.10.100 key 123456  
aaa authentication dot1x default group radius
```

Step 2

Enable global state of 802.1x function and the function of port19 of DUT:

```
configure terminal  
dot1x system-auth-control //enable 802.1X global state  
configure terminal  
interface ethernet 1/0/19  
dot1x pae authenticator  
authentication guest-vlan 2
```

[802.1x Client Configure]

Make sure to enable on your Clients the NIC for 802.1x authentication and select method to PEAP as screen:

