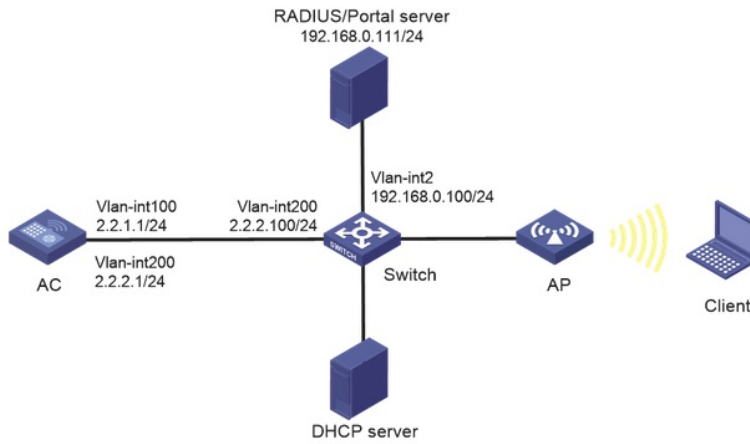


## 知 H3C AC remote MAC+remote Portal+MAC senseless authentication typical configuration example (V7)

Wireless 蒋笑添 2021-06-07 Published

### Network Topology



As shown in Figure, AP and Client obtain IP address through DHCP server. iMC acts as both Portal Authentication Server and Portal Web Server, RADIUS server, and requires.

- Remote MAC authentication for wireless users.
- AC uses Portal authentication in a direct way.
- The server needs to dynamically modify the user authorization information or force the user to go offline.

## Configuration Steps

### 1. Configure the Server.

Omission

### 2. Configure the AC.

(1) Configure the interface of the AC

# Create VLAN 100 and its corresponding VLAN interface and configure an IP address for the interface. the AP will obtain this IP address to establish a CAPWAP tunnel with the AC.

```
<AC> system-view
```

```
[AC] vlan 100
```

```
[AC-vlan100] quit
```

```
[AC] interface vlan-interface 100
```

```
[AC-Vlan-interface100] ip address 2.2.1.1 24
```

```
[AC-Vlan-interface100] quit
```

# Create VLAN 200 and its corresponding VLAN interface, and configure the IP address for the interface. client will use this VLAN to access the wireless network.

```
[AC] vlan 200
```

```
[AC-vlan200] quit
```

```
[AC] interface vlan-interface 200
```

```
[AC-Vlan-interface200] ip address 2.2.2.1 24
```

```
[AC-Vlan-interface200] quit
```

# Configure the attribute of interface GigabitEthernet1/0/1, which is connected to the Switch, to be Trunk, allowing VLAN 1, VLAN 100, and VLAN 200 to pass.

```
[AC] interface gigabitethernet 1/0/1
```

```
[AC-GigabitEthernet1/0/1] port link-type trunk
```

```
[AC-GigabitEthernet1/0/1] port trunk permit vlan 1 100 200
```

```
[AC-GigabitEthernet1/0/1] quit
```

(2) Configure static routes

# Configure a static route to the iMC server.

```
[AC] ip route-static 192.168.0.0 255.255.0.0 2.2.2.100
```

(3) Configure the wireless service

# Create wireless service template st1 and enter wireless service template view.

```
[AC] wlan service-template st1
```

```
# Configure the SSID as service.
```

```
[AC-wlan-st-st1] ssid service
```

#### Key Configuration

```
# Configure the wireless service template VLAN to be 200.
```

```
[AC-wlan-st-st1] client-security authentication-mode mac
```

```
[AC-wlan-st-st1] client-security ignore-authentication
```

```
[AC-wlan-st-st1] vlan 200
```

```
[AC-wlan-st-st1] quit
```