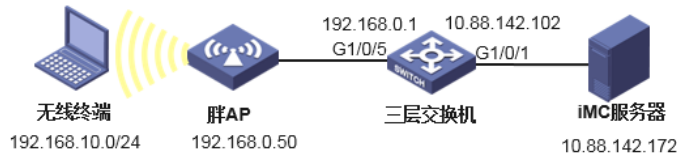


知 V7胖AP结合远程radius服务器做802.1X认证的典型配置

802.1X

孙兆强 2018-06-29 发表

组网及说明



地址段自行定义，保证AP能和IMC通信，终端认证成功后能正常上网即可。

配置步骤

关键配置

DHCP配置略

地址及路由配置略，保证ap和认证服务器能通

#使能端口安全

```
port-security enable
```

#802.1x认证方式为eap

```
dot1x authentication-method eap
```

#配置radius方案，指定认证（授权）、计费服务器地址和密钥

```
radius scheme cisco
```

```
primary authentication 10.88.142.172
```

```
primary accounting 10.88.142.172
```

```
key authentication cipher $c$3$6mD/LXrXoKIOQjc2gZJrMEDgqL2N5Oii
```

```
key accounting cipher $c$3$P9VcHJm4nPDIs7d+0YvVZ4ZR0GI210St
```

user-name-format without-domain //按需配置，和服务器配置一样

#配置域，调用radius方案

```
domain cisco
```

```
authentication lan-access radius-scheme cisco
```

```
authorization lan-access radius-scheme cisco
```

```
accounting lan-access radius-scheme cisco
```

#配置服务模板

```
# wlan service-template 1
```

```
ssid dot1x
```

```
akm mode dot1x
```

```
cipher-suite ccmp
```

```
security-ie rsn
```

```
client-security authentication-mode dot1x
```

```
service-template enable
```

#在radio口下绑定服务模板

```
interface WLAN-Radio1/0/1
```

```
service-template 1
```

```
#
```

```
interface WLAN-Radio1/0/2
```

```
service-template 1
```

```
#
```

配置关键点

1.服务器要导入证书，设备要配置成eap中继模式

2.如果服务器要强制用户下线要配置

```
radius session-control enable
```