

知 如何配置无线CAPWAP隧道加密

wlan接入 聂冬 2021-03-29 发表

组网及说明

无

问题描述

如何配置无线CAPWAP隧道加密

过程分析

1. 开启CAPWAP控制隧道加密命令：

tunnel encryption enable命令用来开启CAPWAP控制隧道加密功能。

tunnel encryption disable命令用来关闭CAPWAP控制隧道加密功能。

undo tunnel encryption enable命令用来恢复缺省情况。

【命令】

```
tunnel encryption { disable | enable }
```

```
undo tunnel encryption enable
```

【缺省情况】

AP视图：继承AP组配置。

AP组视图：CAPWAP控制隧道加密功能处于关闭状态。

2. 开启CAPWAP数据隧道加密命令：

data-tunnel encryption enable命令用来开启CAPWAP数据隧道加密功能。

data-tunnel encryption disable命令用来关闭CAPWAP数据隧道加密功能。

undo data-tunnel encryption命令用来恢复缺省情况。

【命令】

```
data-tunnel encryption { disable | enable }
```

```
undo data-tunnel encryption
```

【缺省情况】

AP视图：继承AP组配置。

AP组视图：CAPWAP数据隧道加密功能处于关闭状态。

3、AC和AP设备会默认打包证书，即可以使用默认证书进行加密（**配上隧道加密命令后会自动调用系统证书，无需额外配置**）

解决方法

配置加密后，AP会重新上下线：

```
[H3C-wlan-ap-d461-fe9c-xxxx]tunnel encryption enable //开启CAPWAP控制隧道加密功能。
```

This operation will reconnect the AP. Continue? [Y/N]y

```
%Mar 29 16:21:48:381 2021 H3C CWS/4/CWS_AP_DOWN: CAPWAP tunnel to AP d461-fe9c-xxxx went down. Reason: Encryption status mismatch.
```

```
%Mar 29 16:21:48:383 2021 H3C APMGR/6/APMGR_AP_OFFLINE: AP d461-fe9c-xxxx went offline . State changed to Idle.
```

```
%Mar 29 16:21:54:920 2021 H3C APMGR/6/AP_MGR_AP_ONLINE: AP d461-fe9c-xxxx came online. State changed to Run.
```

```
%Mar 29 16:21:54:920 2021 H3C CWS/6/CWS_AP_UP: Master CAPWAP tunnel to AP d461-fe9c-xxxx went up.
```

```
[H3C-wlan-ap-d461-fe9c-f6e0]data-tunnel encryption enable //开启CAPWAP数据隧道加密功能。
```

This operation will reconnect the AP. Continue? [Y/N]y

```
%Mar 29 16:22:13:317 2021 H3C CWS/4/CWS_AP_DOWN: CAP WAP tunnel to AP d461-fe9c-xxxx went down. Reason: Encryption status mismatch.
```

```
%Mar 29 16:22:13:319 2021 H3C APMGR/6/APMGR_AP_OFFLINE: AP d461-fe9c-xxxx went offline . State changed to Idle.
```

```
%Mar 29 16:22:17:078 2021 H3C APMGR/6/APMGR_AP_ONLINE: AP d461-fe9c-xxxx came online. State changed to Run.
```

```
%Mar 29 16:22:17:078 2021 H3C CWS/6/CWS_AP_UP: Master CAPWAP tunnel to AP d461-fe9c-xxxx went up.
```

