

知 某局点V7的AC插卡之间共享license失败经验案例

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组网及说明

无

问题描述

某局点使用的V7的AC插卡使用的版本是R5221的版本，此版本经过查询是支持无线V7的license共享特性的。但是现场的工程师反馈配置了无线license共享之后不生效，接下来进行分析。

过程分析

1、检查现场的配置以及共享license状态

通过现场反馈，现场使用的是N+1的方式共享的，现场4台AC插卡设备，三台设备的license都共享到其中一台AC插卡上。具体为AC1、AC2、AC3的license共享到AC4上面，具体配置如下：

AC1的配置：

```
wlan ap-license-group
local ip 10.104.0.1
member ip 10.104.0.4 backup
ap-license-synchronization enable
```

AC2的配置：

```
wlan ap-license-group
local ip 10.104.0.2
member ip 10.104.0.4 backup
ap-license-synchronization enable
```

AC3的配置：

```
wlan ap-license-group
local ip 10.104.0.3
member ip 10.104.0.4 backup
ap-license-synchronization enable
```

AC4的配置：

```
wlan ap-license-group
local ip 10.104.0.4 backup
member ip 10.104.0.1
member ip 10.104.0.2
member ip 10.104.0.3
ap-license-synchronization enable
```

通过上面的配置，我们首先确定AC1、AC2、AC3都是有授权注册的。通过查看四台设备的共享license状态发现都是down的状态。

下面是主设备AC1的license共享状态：

```
[AC1]dis wlan ap-license-group
Group total licenses: N/A
Group used licenses: N/A
AP license synchronization: Enabled
Local IP: 10.104.0.1
Local role: Master
Member information: 1
IP address    Total    Used    Member role  State    Online duration
10.104.0.4    N/A     N/A     Backup       DOWN     00hr 00min 00sec
```

AC2、AC3的状态依然也是down的。

下面是backup设备的license共享状态：

```
[AC4]dis wlan ap-license-group
Group total licenses: 0
Group used licenses: 0
AP license synchronization: Enabled
Local IP: 10.104.0.4
Local role: Backup
Member information: 3
IP address    Total    Used    Member role  State    Online duration
10.104.0.1    0        0      Master       DOWN     00hr 00min 00sec
10.104.0.2    0        0      Master       DOWN     00hr 00min 00sec
10.104.0.3    0        0      Master       DOWN     00hr 00min 00sec
```

发现全部都是down的状态，肯定是有问题的。

2、问题原因

经过分析和确认，配置V7无线license共享特性的时候，主设备除了需要配置backup信息之外，还需要将其他主设备的信息也配置进去的。

因此将配置改为下面的配置：

AC1的正确配置：

```
wlan ap-license-group
local ip 10.104.0.1
member ip 10.104.0.2
member ip 10.104.0.3
member ip 10.104.0.4 backup
ap-license-synchronization enable
```

AC2的正确配置：

```
wlan ap-license-group
local ip 10.104.0.2
member ip 10.104.0.1
member ip 10.104.0.3
member ip 10.104.0.4 backup
ap-license-synchronization enable
```

AC3的正确配置：

```
wlan ap-license-group
local ip 10.104.0.3
member ip 10.104.0.1
member ip 10.104.0.2
member ip 10.104.0.4 backup
ap-license-synchronization enable
```

AC4的正确配置：

```
wlan ap-license-group
local ip 10.104.0.4 backup
member ip 10.104.0.1
member ip 10.104.0.2
member ip 10.104.0.3
ap-license-synchronization enable
```

通过以上的配置之后，发现4台设备的license共享已经成功。N+1的license共享需要每台设备都需要将其他设备的信息配置进去。

解决方法

配置V7无线license共享的特性时需要在每台设备配其他设备的member成员信息才能共享成功。