

知 某局点终结者本体与分体优先级配置不一致导致分体无法上线的经验案例

AP管理 终结者 余晨 2018-03-10 发表

AC: Release 5219 LSUM1WCMX40RT AP: WTU430H直通模式

现场是三层注册，同一个本体下的部分分体可以上线，部分分体无法上线，本体正常上线，故障AP都可以获取到IP地址和AC也可以PING通。

现场有两个AC，在故障分体上指定任意一个AC IP地址后都可以正常注册，option43属性正常下发：display dhcp client verbose，Boot servers: 192.168.113.10 192.168.113.26是正常的。

且所有分体使用的是同一个DHCP服务器。

- *Jan 1 00:08:54:275 2014 H3C CWC/7/SND_PKT: Sent discovery request with SeqNum 0 to AC 192.168.113.10:5246.
- *Jan 1 00:08:54:278 2014 H3C CWC/7/RCV_PKT: Received discovery response with SeqNum 0 from AC at 192.168.113.10:5246.
- *Jan 1 00:08:54:275 2014 H3C CWC/7/SND_PKT: Verbose info for discovery request sent to AC 192.168.113.10:5246, length=158.
- *Jan 1 00:08:54:276 2014 H3C CWC/7/SND_PKT: Sent discovery request with SeqNum 0 to AC 192.168.113.26:5246.
- *Jan 1 00:08:54:279 2014 H3C CWC/7/RCV_PKT: Received discovery response with SeqNum 0 from AC at 192.168.113.26:5246.
- *Jan 1 00:08:54:279 2014 H3C CWC/7/RCV_PKT: Verbose info for discovery response from AC 192.168.113.26:5246, length=128.
- *Jan 1 00:08:56:287 2014 H3C CWC/7/EVENT: AP selected AC IP 192.168.113.26 Priority 4 successfully.
- *Jan 1 00:08:56:287 2014 H3C CWC/7/FSM: Enter Join state.
- *Jan 1 00:08:56:288 2014 H3C CWC/7/EVENT: Fill join req.wtu=1.model=WTU430H.wt drv info:[219801A1ARC178000474].subslot=8.ret=0x0.
- *Jan 1 00:08:56:289 2014 H3C CWC/7/SND_PKT: Sent join request with SeqNum 1 to AC 192.168.113.26:5246.
- *Jan 1 00:08:56:289 2014 H3C CWC/7/SND_PKT: Verbose info for join request sent to AC 192.168.113.26:5246, length=257.
- *Jan 1 00:08:56:290 2014 H3C CWC/7/RCV_PKT: Received join response with SeqNum 1 from AC at 192.168.113.26:5246.
- *Jan 1 00:08:56:290 2014 H3C CWC/7/RCV_PKT: Verbose info for join response from AC 192.168.113.26:5246, length=24.
- *Jan 1 00:08:56:291 2014 H3C CWC/7/ERROR: Failed to process Join Response because Result Code was failure.uiAPID=1,uiResultCode=1.
- *Jan 1 00:08:56:292 2014 H3C CWC/7/EVENT: Close capwap client udp port:27774
- *Jan 1 00:08:56:292 2014 H3C CWC/7/FSM: [Tunnel ID: 1]Join -> Idle.

通过在AP上的debug capwap可以看到，AP同时向两个AC发起discover请求并收到回应，并且向level优先级高的AC发起了join请求，但是join失败。

此时我们发现，在备AC上本体的模板下配置了level 2，本体在主AC正常上线，但是分体在两台AC上都没有配置优先级，分体根据discover回应的信息确认备AC的AP负载小，故向备AC发起join，此时备AC查看本体拓扑关系，本体不在线，故拒绝分体上线。

在主备AC上将本体和分体的优先级配置一致。

终结者本体和分体存在对应关系，需要确保AC上其优先级配置一致。