



某局点AC控制器CPU高达60%

wlan接入

CPU

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问题描述

设备CPU持续在60左右，console设备卡顿。

查看CPU使用率

```
=====display cpu=====
```

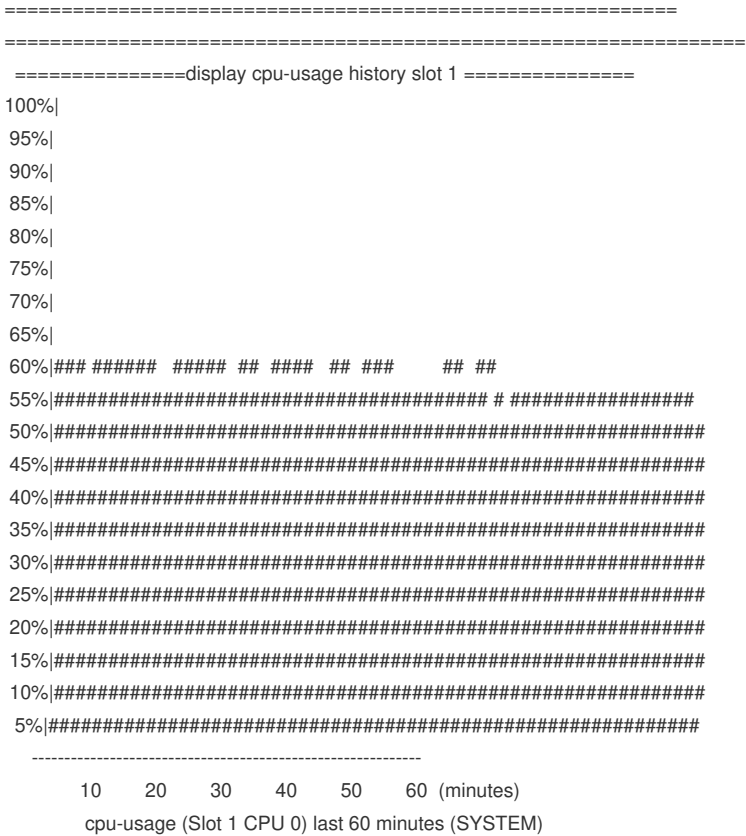
Slot 1 CPU 0 CPU usage:

60% in last 5 seconds

60% in last 1 minute

58% in last 5 minutes

过程分析



342	342	3.2	0.0	R	115	-	33:02:53	[kdrvfd16]
343	343	3.2	0.0	R	115	-	35:00:01	[kdrvfd17]
344	344	3.2	0.0	R	115	-	35:14:17	[kdrvfd18]
345	345	3.2	0.0	R	115	-	34:20:38	[kdrvfd19]
346	346	3.1	0.0	R	115	-	36:00:59	[kdrvfd20]
347	347	3.2	0.0	R	115	-	36:35:51	[kdrvfd21]
348	348	2.5	0.0	R	115	-	33:34:03	[kdrvfd22]
349	349	3.2	0.0	R	115	-	34:16:03	[kdrvfd23]
350	350	2.8	0.0	R	115	-	35:15:53	[kdrvfd24]
351	351	3.2	0.0	R	115	-	36:56:20	[kdrvfd25]
352	352	3.2	0.0	R	115	-	35:56:30	[kdrvfd26]
353	353	2.5	0.0	R	115	-	35:08:57	[kdrvfd27]
354	354	3.2	0.0	R	115	-	33:35:22	[kdrvfd28]
355	355	3.2	0.0	R	115	-	37:32:56	[kdrvfd29]
356	356	3.2	0.0	R	115	-	32:27:22	[kdrvfd30]
357	357	3.2	0.0	R	115	-	34:09:29	[kdrvfd31]

Memory: 31775M total, 22337M available, page size 4K

JID	PID	PRI	State	FDs	MEM	HH:MM:SS	CPU	Name
477	477	120	S	3981479048K	265h	3.59%	apmgrd	
344	344	115	R	0	0K 35:14:21	3.17%	[kdrvfd18]	
342	342	115	R	0	0K 33:02:57	3.16%	[kdrvfd16]	
343	343	115	R	0	0K 35:00:04	3.16%	[kdrvfd17]	
346	346	115	R	0	0K 36:01:02	3.16%	[kdrvfd20]	
347	347	115	R	0	0K 36:35:54	3.16%	[kdrvfd21]	
348	348	115	R	0	0K 33:34:07	3.16%	[kdrvfd22]	
349	349	115	R	0	0K 34:16:06	3.16%	[kdrvfd23]	
351	351	115	R	0	0K 36:56:23	3.16%	[kdrvfd25]	
352	352	115	R	0	0K 35:56:33	3.16%	[kdrvfd26]	
353	353	115	R	0	0K 35:09:00	3.16%	[kdrvfd27]	

```

354 354 115 R 0 0K 33:35:25 3.16% [kdrvfw28]
355 355 115 R 0 0K 37:32:59 3.16% [kdrvfw29]
357 357 115 R 0 0K 34:09:33 3.16% [kdrvfw31]
解决方法 356 356 115 R 0 0K 32:27:25 3.02% [kdrvfw30]
在map文件下发二层隔离 356 356 115 R 0 0K 34:20:41 2.98% [kdrvfw19]
在AC上配置基于vlan的二层隔离 356 356 115 R 0 0K 35:15:55 2.02% [kdrvfw24]

```

设备上共2000多个用户不至于打满

```
=====display wlan client=====
```

Total number of clients: 2488

设备上两个服务模板，没做认证

```

#
wlan service-template 1
ssid xxx
client forwarding-location ap vlan 3002
user-isolation enable
service-template enable
#
wlan service-template 2
ssid xxx
vlan 3002
service-template enable
#
wlan fast-forwarding mode hardware //设备已正常开启硬件转发

```

```

<AC>display wlan fast-forwarding status
Slot 1 WLAN fast forwarding information:
      Status      : Enabled
      Mode        : Software fast forwarding, Hardware fast forwarding
<AC>

```

后续排查发现map文件重新下发过

删除了二层隔离的命令

删除服务模板下的二层隔离

在map文件下发二层隔离

在AC上配置基于vlan的二层隔离

CPU降至20%

```

system-view
vlan 3001
vlan 3002
quit
interface GigabitEthernet 1/0/1
port link-type trunk
port trunk permit vlan 3001 3002
quit
int range GigabitEthernet 1/0/2 to GigabitEthernet 1/0/5
port access vlan 3002
quit
user-isolation vlan 3002 enable
user-isolation vlan 3002 permit-mac [redacted]
undo user-isolation permit-broadcast

```

