

知 U-Center1.0 SSA监控服务器事件日志显示告警时间异常

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组网及说明

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问题描述

Ucenter 1.0监控服务器时获取事件日志UC侧显示的时间比实际时间快8小时，截图如下：

1、HDM侧时间

ID	时间戳	传感器名称	传感器类型	状态	数据	描述
52	2021-03-19 09:45:01	System	System Boot / Restart Initiated	触发	✔ 正常	System restart--Unknown cause
51	2021-03-19 09:45:00	ACPI_State	system_acpi_power_state	触发	✔ 正常	LPC Reset occurred
50	2021-03-19 09:44:50	ACPI_State	system_acpi_power_state	触发	✔ 正常	S0/G0 working
49	2021-03-19 09:44:48	ACPI_State	system_acpi_power_state	解除	✔ 正常	S0/G2 soft-off
48	2021-03-19 09:44:48	ACPI_State	system_acpi_power_state	触发	✔ 正常	S0/G0 working
47	2021-03-19 09:44:42	ACPI_State	system_acpi_power_state	触发	✔ 正常	S0/G2 soft-off
46	2021-03-19 09:44:42	ACPI_State	system_acpi_power_state	解除	✔ 正常	S0/G0 working
45	2021-03-19 09:44:42	SYS_Restart	System Boot / Restart Initiated	触发	✔ 正常	Initiated by warm reset
44	2021-03-19 09:44:42	SYS_Restart	System Boot / Restart Initiated	解除	✔ 正常	Initiated by power up

2、UC侧获取事件日志时间



事件ID	事件名称	时间戳	传感器名称	传感器类型	事件描述	备注
UC-0200111101010	Unkown	2021-03-19 09:45:01	System	System Boot / Restart Initiated	System Restart	Event/Reading Test unassociated
001-01-02-110-04-10	System	2021-03-19 17:45:00	系统ACPI电源状态	触发事件	触发事件	
001-01-02-110-04-10	System	2021-03-19 17:45:00	系统ACPI电源状态	解除事件	解除事件	S0/G0 working
001-01-02-110-04-10	System	2021-03-19 17:44:48	系统ACPI电源状态	触发事件	触发事件	S0/G0 working
001-01-02-110-04-10	System	2021-03-19 17:44:48	系统ACPI电源状态	解除事件	解除事件	S0/G2 soft-off
001-01-02-110-04-10	System	2021-03-19 17:44:42	系统ACPI电源状态	触发事件	触发事件	System Restart
001-01-02-110-04-10	System	2021-03-19 17:44:42	系统ACPI电源状态	解除事件	解除事件	Initiated by power up
001-01-02-110-04-10	System	2021-03-19 17:44:42	系统ACPI电源状态	触发事件	触发事件	Initiated by warm reset
001-01-02-110-04-10	System	2021-03-19 17:44:42	系统ACPI电源状态	解除事件	解除事件	S0/G0 working
001-01-02-110-04-10	System	2021-03-19 17:44:42	系统ACPI电源状态	触发事件	触发事件	S0/G2 soft-off
001-01-02-110-04-10	System	2021-03-19 17:44:41	系统ACPI电源状态	解除事件	解除事件	S0/G0 working
001-01-02-110-04-10	System	2021-03-19 17:44:41	系统ACPI电源状态	触发事件	触发事件	S0/G2 soft-off

过程分析

SSA是通过IPMI命令获取服务器侧的相应日志，通过接口获取到日志中时间是多少，UC侧显示的时间为多少

```
ipmitool -I lanplus -H 172.21.1.51 -U admin -P iMC123 sel list
```

私用此命令获取到的信息如下

```
c5 | 03/16/2021 | 23:52:17 | System Boot Initiated #0xc6 | Initiated by power  
up | Deasserted  
c6 | 03/16/2021 | 23:52:18 | System Boot Initiated #0xc6 | Initiated by warm r  
eset | Asserted  
c7 | 03/16/2021 | 23:52:23 | System ACPI Power State #0xff | S0/G0: working |  
Asserted  
c8 | 03/16/2021 | 23:52:32 | System ACPI Power State #0xff | | Asserted  
c9 | 03/16/2021 | 23:52:33 | System Boot Initiated #0xff | System Restart | As  
serted  
ca | 03/19/2021 | 17:38:00 | Button #0xff | Reset Button pressed | Asserted  
cb | 03/19/2021 | 17:38:02 | System ACPI Power State #0xff | | Asserted  
cc | 03/19/2021 | 17:38:03 | System Boot Initiated #0xff | System Restart | As  
serted  
cd | 03/19/2021 | 17:42:08 | Button #0xff | Power Button pressed | Asserted  
ce | 03/19/2021 | 17:42:14 | System Boot Initiated #0xc6 | Initiated by power  
up | Asserted  
cf | 03/19/2021 | 17:42:14 | System Boot Initiated #0xc6 | Initiated by warm r  
eset | Deasserted  
d0 | 03/19/2021 | 17:42:25 | System ACPI Power State #0xff | | Asserted  
d1 | 03/19/2021 | 17:42:26 | System ACPI Power State #0xff | S5/G2: soft-off |  
Asserted  
d2 | 03/19/2021 | 17:42:27 | System Boot Initiated #0xff | System Restart | As  
serted  
d3 | 03/19/2021 | 17:42:29 | System ACPI Power State #0xce | S0/G0: working |  
Deasserted  
d4 | 03/19/2021 | 17:42:29 | System ACPI Power State #0xce | S5/G2: soft-off |  
Asserted
```

通过上面获取信息可以看出，服务器侧通过接口显示的时间确实比正常时间快8小时

解决方法

经服务器侧定位，此问题是服务器侧问题，需要服务器侧来解决。

