

??? Oracle VM Server????????????? Linux ?????? RedHat ?????? HP ? Oracle ?????????????????? OVS ???  
 ?????? OVS ?????????????????? iLO SNMP + HP Agentless Management Service?

NOTE:

\* iLO ??? DL380 G8 ??????? ??????????????????

\* ?????????? iLO ?????????? HP Agentless Management Service (hp-ams)?

## **?? HP Agentless Management Service**

?? RPM: <http://downloads.linux.hp.com/repo/spp/>

NOTE:

?? Oracle VM Server 3.3.x ??? RedHat 6.5 ?????????????? hp-ams-2.1.1-1594.4.rhel6.x86\_64.rpm

??? 2018/4/27:

???? hp-ams ??????????????????:

kernel: [ 1563.977732] amsHelper[8329]: segfault at ffffffc80f19f0 ip 0000003821c47c9c sp  
 00007ffd053524f0 error 5 in libc-2.12.so[3821c00000+18a000]

??? SPP 2016.10.0 ????? hp-ams ???

?? RPM ? Oracle VM Server

#rpm -ivh hp-ams-2.1.1-1594.4.rhel6.x86\_64.rpm

## **?? iLO**

??? Oracle VM Server ? iLO ????????????

### 1. ?? SNMP

iLO Admin > Administration > Management

SNMP Settings)

- Enable: Agentless Management
- System Location: <??>
- System Contact: <??> Admin@host.name
- System Role: <??> Oracle VM Server #2
- System Role Detail: <??>
- Read Community: <???? SNMP ???>
- Trap Community: ???????
- SNMP Alert Destination: <SIM Server IP>

SNMP Alerts)

???? Enabled

2. ?? iLO ?????????????? HP SIM Server ??

iLO Admin > Administration > User Administratio

?????? iLO ??????????????

? SIM Server ???????

SIM Admin > ?? > ?? > ????

- ?: Discover for iLO <??>
- ?: <?? ????>
- Ping: <?????? (Oracle VM Server) iLO Port ? IP>
- ?: ??????????????  
 ? ?: iLO ??? (NOTE: ??????????????????)  
 NOTE: ?????? iLO ??????????  
 ? SNMP > ??????: iLO ??? SNMP ??? (NOTE: ??????????????????)
- ?? (NOTE: ??????????????)

????????? > ?????????? > ?? ???

NOTE: ??? 1-2 ????????????????????

????????????????????? Windows CMS????? Windows Advanced TCP/IP  
 Settings ?????????????????? DNS ???  
 ?????? IP ?? 10.22.26.202 ??? DNS ?????? nslookup ??? DNS  
 ??????????????????  
 ?????????????? DNS ??????????????????????????????????????  
 ?????????????? Shell ??????????????  
 ?????????? System Management Homepage (SMH)???????

?????

\* ?????????? SIM Server ??? DNS ??? DNS ??????????????????

\* ??????shell ?????????????????????? SMH ??? OVS ??????????SIM Server ???????

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The screenshot shows the HP Systems Insight Manager (SIM) interface. At the top, there are tabs for Nagios Core, Oracle VM Home, Oracle VM Release..., HP Systems..., Console, and ILO 4: tycoodo... The main window title is "HP Systems Insight Manager". The left sidebar includes sections for 系统状况 (System Status), 搜索 (Search), and various navigation links like 工具 (Tools), 报告 (Reports), and 配置 (Configuration). The central pane displays a table titled "所有系统" (All Systems) with columns: 状态 (Status), 事件 (Events), 任务 (Tasks), 系统名 (System Name), 系统型号 (System Model), 系统地址 (System Address), 产品名称 (Product Name), and OS 名称 (OS Name). Three systems are listed:

状态	事件	任务	系统名	系统型号	系统地址	产品名称	OS 名称
<span style="color: green;">正常</span>	<span style="color: green;">无事件</span>	<span style="color: green;">无任务</span>	10.22.25.63	壳服务器	10.22.25.63	ProLiant DL380p Gen8	Oracle VM server
<span style="color: green;">正常</span>	<span style="color: green;">无事件</span>	<span style="color: green;">无任务</span>	10.22.26.202	管理灯控制器	10.22.26.202	Integrated Lights-Out	Embedded
<span style="color: green;">正常</span>	<span style="color: green;">无事件</span>	<span style="color: green;">无任务</span>	tycoodoov02	壳服务器	10.23.0.202	ProLiant DL380p Gen8	Oracle VM server

?????

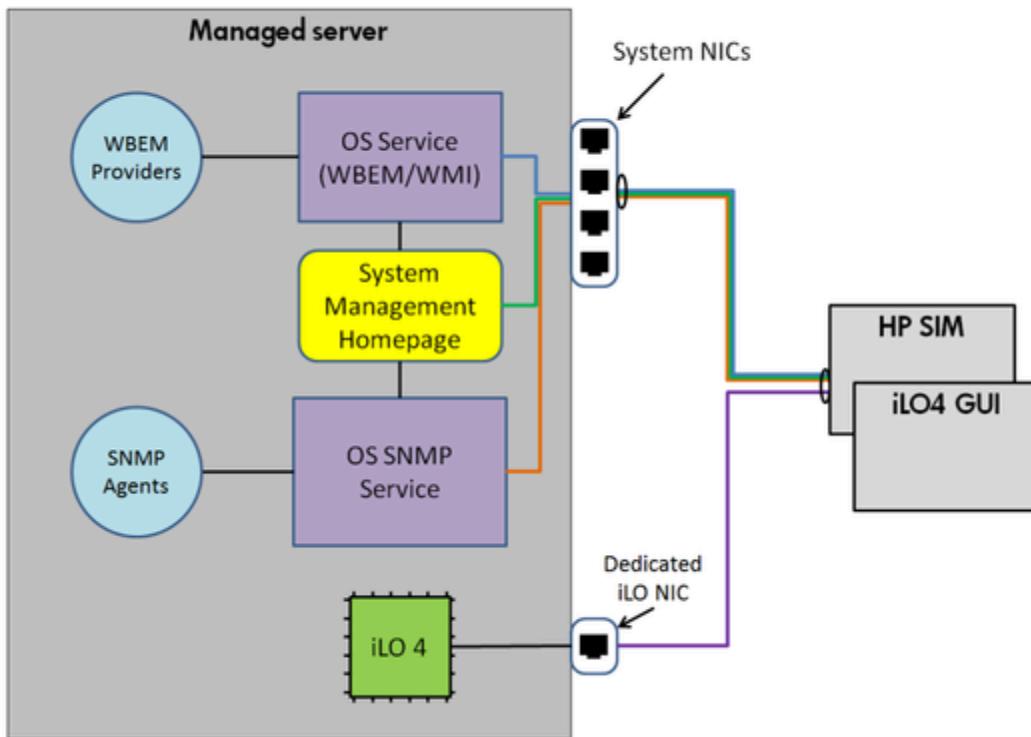
?? HP ??????????SIM ??????????????????

- iLO ????????????????? SIM ??????????????????
- ??? SIM ?????? ping HP ??

### AMS ? OS-based ????

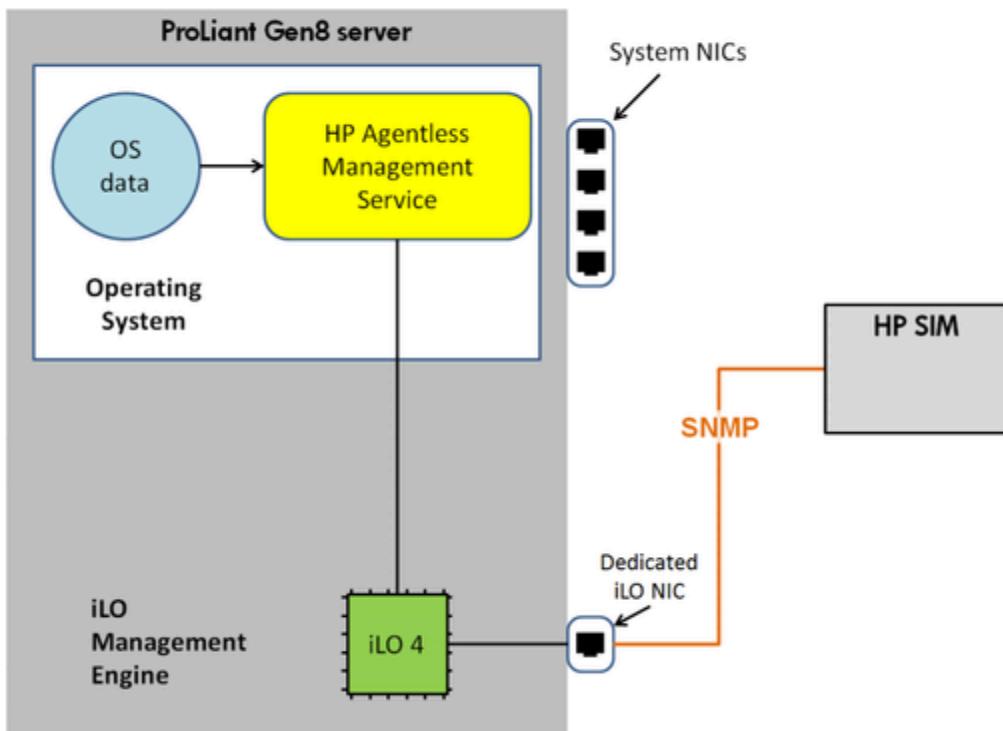
Traditionally, SNMP Agents and WMI/WBEM Providers communicate with HP SIM through an OS-based service.

**Figure 2:** Traditionally, SNMP Agents and WBEM/WBEM Providers communicate with HP SIM through an OS-based service.



The iLO Management Engine includes the core instrumentation logic to monitor hardware and the embedded HP Agentless Management with its SNMP stack.

**Figure 3:** The iLO Management Engine includes the core instrumentation logic to monitor hardware and the embedded HP Agentless Management with its SNMP stack.



????????????? [HP Systems Insight Manager 7.0 and HP Agentless Management overview](#)

## Q & A

Q: ?? Discover ????????????????? IP?????????

A?????????????????

1. ? SIM Server ??? DNS ???????? DNS ??????????????
2. ??? DNS server ?? DNS server ?????????????????????? SIM server ? /etc/hosts????????????? iLO ? ???