

## 知识库文章 : 000472357

ViPR SRM 3.x||Watch4net 6.x : 未发现 UNIX 物理主机 (000472357)

**主要产品** : ViPR SRM 3.5

**产品** : ViPR SRM 3.5、ViPR SRM 3.5 SP1、ViPR SRM 3.5 SP2、ViPR SRM 3.6、ViPR SRM 3.6 SP1、ViPR SRM 3.6 SP2、ViPR SRM 3.6 SP3、Watch4net 6.4、Watch4net 6.5、Watch4net 6.4u1、Watch4net 6.4u2、Watch4net 6.4u3、Watch4net 6.5u1、Watch4net 6.5u2、Watch4net 6.5u3

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摘要 : 因为 SUDO 配置不正确, 未能发现 UNIX 物理主机

问题 : 虽然 UNIX 和基于 UNIX 的物理主机已成功添加到 Discovery Center, 但在**物理主机报告**库中根本不显示它们

在 RSC 日志中看到以下警告信息 :

**APG/Collecting/Collector-Managers/Generic-RSC/logs**

LunMappingDetection-unix: Last successful login: DATE LunMappingDetection-unix: Last authentication failure: DATE LunMappingDetection-unix: sudo: no tty present and no askpass program specified LunMappingDetection-unix: sudo: pam\_authenticate: Conversation failure LunMappingDetection-unix: sudo: sorry, you must have a tty to run sudo

LunMappingDetection v1.1.0u99: RSC polling failed (12 errors): /usr/bin/sudo /usr/sbin/dmidecode failed, /usr/bin/sudo /usr/sbin/dmidecode failed, /usr/bin/sudo ./inq -no\_dots failed, /usr/bin/sudo ./inq -no\_dots -wwn failed, /usr/bin/sudo ./inq -no\_dots -invista\_wwn failed, /usr/bin/sudo ./inq -no\_dots -clar\_wwn failed, /usr/bin/sudo ./inq -no\_dots -sym\_wwn failed, /usr/bin/sudo /usr/sbin/vgs --units k --noheadings --nosuffix -o name,size,free,vg\_uuid --separator : failed, /usr/bin/sudo /usr/sbin/lvdisplay -c failed, /usr/bin/sudo /usr/sbin/pvs --units k --noheadings --nosuffix -o name,vg\_uuid --separator : failed, /usr/bin/sudo /usr/bin/sar -dp 1 1 failed, /usr/bin/sudo ./inq -no\_dots -hba failed

原因 : SUDO 文件配置错误

解决方法 : 将 sudo 命令的**绝对路径**包含在 sudo 用户的环境变量 \$PATH 中。  
将操作系统命令的**绝对路径**包含在 sudo 用户的环境变量 \$PATH 中。  
默认情况下, sudoers 文件所在位置是 /etc、/opt/sfw/etc/ 或 /usr/local/etc/sudoers 确保在 sudoers 文件中提供程序包的**绝对路径**。

将下面这一行添加到 sudoers 文件的 defaults 部分 :

**Defaults !requiretty #for all users**

或 **Defaults : SRMADMIN !requiretty #for a specific user**

## Sudoers 文件中要求以下命令的绝对路径

### **AIX**

sar、inq、powermt、vxdisk、swap、kdb ( kdb 只用于 VIO 客户端 )

### **Linux**

sar、inq、powermt、vxdisk、dmidecode、lvdisk、pvs、vgs、multipath

### **HPUX**

sar、inq、powermt、vxdisk、/opt/sfm/bin/CIMUtil ( 只在 ViPR SRM 3.5.1 或更高版本中允许使用 CIMUtil )

### **Solaris**

sar、inq、powermt、vxdisk、mpstat

Sudoers 文件示例：

```
# Sudoers allows particular users to run various commands as
## the root user, without needing the root password.
##
## Examples are provided at the bottom of the file for collections
## of related commands, which can then be delegated out to particular
## users or groups.
##
## This file must be edited with the 'visudo' command.
## These aren't often necessary, as you can use regular groups
## (ie, from files, LDAP, NIS, etc) in this file - just use %groupname
## rather than USERALIAS
User_Alias SRMADMIN = srmadmin ←
## Command Aliases
## These are groups of related commands... ←
Cmdnd_Alias SRMCMD = /usr/local/bin/sar,/usr/sbin/lvdisk,/usr/sbin/p
vs,/home/srmadmin/inq,/usr/sbin/dmidecode,/usr/sbin/vxdisk,/usr/sbin/v
gs,/sbin/powermt,/sbin/multipath
# Defaults specification
#
# Disable "ssh hostname sudo <cmd>", because it will show the password
in clear.
#     You have to run "ssh -t hostname sudo <cmd>".
#
Defaults !requiretty ←
## Next comes the main part: which users can run what software on
## which machines (the sudoers file can be shared between multiple
## systems).
## Syntax:
##
##     user    MACHINE=COMMANDS
##
## The COMMANDS section may have other options added to it.
##
## Allow root to run any commands anywhere
root    ALL=(ALL)        ALL
SRMADMIN ALL=NOPASSWD:SRMCMD ←
```

**注意：**

本文章已升级为 EMC 社区网络 (ECN) 上的 HVC：  
<https://community.emc.com/docs/DOC-55376>

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