APM Ucenter **啥子都不晓得** 2019-05-07 发表

组网及说明			
不涉及			
问题描述			
使用APM 纳管存储设备时, 息。	经常会出现应用探测失败,	现场也会反馈密码、	用户名等都满足要求等信
过程分析			

在我们的网管软件安装路径下其实就有工具可以去进行测试:

\iMC\apmserver\bin目录下 testClientIM.bat

Windows环境下:

1、用cmd命令进入imc服务器安装目录的Program Files\iMC\apmserver\bin,如图



2.执行以下命令获取CIM_Product的测试数据

./testClientIM.bat ipAddress port namespace userName password false CIM_Product >CIM_Product.txt

参数说明:

ipAddress:smi-sprovider安装主机的地址,有的存储设备自身实现了smi-sprovider,ip地址为存储 设备的ip地址。

port:smi-sprovider的默认端口号是5988,没有启用ssl协议,走的是http方式

使用5989端口,需要启用ssl协议,走https方式。先按照5988端口走。

namespace : 存储设备的命名空间,从开发文档中获取,如果获取不到,或者获取不正确,从smi-s pr ovider安装目录/repository/目录下寻找,如图所示。将#变为/,形如root/huawei

†算机 → ResourceS (D:) → SoftWare → smisprovider → repository			搜索 repository
名称	修改日期	类型	大小
🍌 interop	2017/4/8 16:16	文件夹	
🎍 root	2017/4/8 16:16	文件夹	
iroot#cimv2	2017/4/8 16:16	文件夹	
鷆 root#huawei	2017/4/8 16:16	文件夹	
repository.conf	2015/11/9 16:26	CONF 文件	1 KB

userName and password : smi-s provider的用户名和密码,当用户名或密码存在特殊字符时,分别添加双引号

false – false

CIM_Product>CIM_Product: 从/repository/命名空间/classes/目录下的文件中寻找,如图选择文件名"."前面的名称

CIM_AffectedJobElement.#	
CIM_AlarmDevice.CIM_LogicalDevice	2017/4/8 15:1
CIM_AlarmDeviceCapabilities.CIM_EnabledLogicalElementCapabilities	2017/4/8 15:1
CIM_AlertIndication.CIM_ProcessIndication	2017/4/8 15:1
CIM_AllocatedFromStoragePool.CIM_ElementAllocatedFromPool	2017/4/8 15:1
CIM_AssociatedAlarm.CIM_Dependency	2017/4/8 15:1
CIM_AssociatedBattery.CIM_Dependency	2017/4/8 15:1
CIM_AssociatedBlockStatisticsManifestCollection.#	2017/4/8 15:1
CIM_AssociatedComponentExtent.CIM_Component	2017/4/8 15:1
CIM According CIM Dependency	2017/4/8 15-1
	CIM_AffectedJobElement.# CIM_AlarmDevice.CIM_LogicalDevice CIM_AlarmDeviceCapabilities.CIM_EnabledLogicalElementCapabilities CIM_AlertIndication.CIM_ProcessIndication CIM_AllocatedFromStoragePool.CIM_ElementAllocatedFromPool CIM_AssociatedAlarm.CIM_Dependency CIM_AssociatedBattery.CIM_Dependency CIM_AssociatedBlockStatisticsManifestCollection.# CIM_AssociatedComponentExtent.CIM_Component CIM_AssociatedComponentExtent.CIM_ComponentExtentCIM_ComponentExtentCIM_ComponentExtentCIM_ComponentExtentCIM_ComponentExtentCIM_COMPONENCE CIM_AssociatedComponentExtentCIM_ComponentExtentCIM_ComponentExtentCIM_COMPONENCE CIM_AssociatedComPONENCE CIM_Associate

- 3、 会生成 CIM_Product.txt, 将CIM_Product.txt拉到本地,反馈。
- 4、在测试过程中发现如图报错:

■ 管理员: C:\Windows\System32\cmd.exe	
E:\Program Files\iMC\apmserver\bin> E:\Program Files\iMC\apmserver\bin>testClientIM.bat 10.1.251.4 5989 /root/tpd 3p aradm 3pardata false CIM_Product>CIM_Product.txt	÷
:\Program Files\iMC\apmserver\bin>testClientIM.bat 10.1.251.4 5988 /root/tpd 3p wradm 3pardata false CIM_Product>CIM_Product1.txt javax.wbem.WBEMException[CIM_ERR_FAILED]: Connection refused: connect - 10.1.251 .4:5988	
at org.wbemservices.wbem.client.adapter.http.CIMClientXML.enumerateInsta nces(Unknown Source) at com.inc.aum.tools.ClientIM.cimClient(ClientIM.java:?6)	
at com.imc.apm.tools.ClientIM.testClient(ClientIM.java:162) at com.imc.apm.tools.ClientIM.main(ClientIM.java:278)	
at org.ubenservices.ubem.client.adapter.http.transport.HttpClientConnect	
ion.setupConnection(Unknown Source) at org.wbemservices.wbem.client.adapter.http.transport.HttpClientConnect ion. <initx(inknown source)<="" td=""><td></td></initx(inknown>	
at org.ubemservices.ubem.client.adapter.http.CIMClientXML.call(Unknown S ource)	
at org.whenservices.when.client.adapter.http.CIMClientAML.getResponse.un known Source> at org.whenservices.when.client.adapter.http.CIMClientXML.getFirstRespon	
se(Unknown Source) 4 more jamay when WBEMEscention[CIM_FRR_F0ILED]: Connection refused: connect - 10 1 251	
.4:5988 at org.wbemservices.wbem.client.adapter.http.CIMClientXML.enumerateInsta	
nces(Unknown Source) at com.imc.apm.tools.ClientIM.testCollect(ClientIM.java:170) at com.imc.apm.tools.ClientIM.main(ClientIM.java:279)	
Caused by: java.net.ConnectException: Connection refused: connect - 10.1.251.4:5 988 at our ubercompiles then client adapted bits twansport Http://iestConnect	
at org.whenservices.when.client.adapter.http.transport.httpClientConnect at org.whenservices.when.client.adapter.http.transport.HttpClientConnect	
ion. <init>(Unknown Source) at org.wbemservices.wbem.client.adapter.http.CIMClientXML.call(Unknown S ource)</init>	
at org.whenservices.when.client.adapter.http.CIMClientXML.getResponse(Un known Source)	
at org.wbemservices.wbem.client.adapter.http.GIMClientXML.getFirstRespon se(Unknown Source) 3 more	
E:\Program Files\iMC\apmserver\bin>	

发现现场的5988端口并没有开启,5989端口测试数据正常。

解决方法

现场可以在存储设备放通5988端口进行纳管