21 Respostas Última resposta em 19/05/2016 13:46 por mbussey

kcorcoran 13/12/2013 21:00

UNABLE TO GET A REMOTE POWERSHELL SCRIPT RUNNING

Esta pergunta foi **respondida.**

Ok I've now tried using powershell to do some remote checking and was trying to work out the process.

The script i was using is simple and is:

```
#
# script to compare the number of instances of a process with counts defined in
# c:\processLimitCount.txt on the target server
#

# gather the instance counts for all of the processes on a machine

$processList=Get-WmiObject win32_process | select ProcessName

$processCount = @{}
foreach ($process in $processList) {
  $processCount[$process.processName] = $processCount[$process.processName] + 1
}

# read inthe ol file from the server

$limitList=get-content 'c:\processLimitCount.txt'

# compare the instance count with the control file.
# Return 0 if all ok and 1 ifproblems in river city

$returnString = 0
foreach ($limit in $limitList) {
  if ( $processCount[$limit.substring(0,$limit.indexof("|"))] -ne $limit.substring($limit.indexof("|")+1) ) {
    $returnString = 1
  }
}

write-output $("Statistic: " + $returnString)

exit $returnString
```

I've placed it in a directory on the solarwinds server and tried it from a Powershell prompt:

PS C:\Users> invoke-command -filepath c:\udbdba\scripts\checkProcesses.ps1 -computername adbdb1dev -Credential "XXXXX"
Statistic: 0
PS C:\Users> invoke-command -filepath c:\udbdba\scripts\checkProcesses.ps1 -computername adbdb1dev -Credential "XXXXX"
Statistic: 1

Different values as I change the values in the file at the target machine . All looks good but I cant get it to run in Solarwinds

If I run it while in 'EDIT SCRIPT' I get Output Result: Not Defined

If I run it from the TEST button under component monitors I get 'Test failed with "DOWN" status on ....'

It looks like remote management is working on the remote server as I can run it in a powershell. Is there something else that needs to be configured in Solarwinds?

Resposta correta
por aLTeReGo em 13/12/2013 21:12

SAM's PowerShell Script Monitor assumes the full body of the PowerShell script will be in contained within the "Script Body" field with any arguments specified in the "Script Arguments" field. To have this script execute remotely you'll need to have the "Execution Mode" option set to "Remote" and have WinRM configured properly on both the local Orion server and remote host. PowerShell 2.0 must also be installed on both machines.

CONFIGURING WINDOWS REMOTE MANAGEMENT (WINRM)

1. If not already done so, install PowerShell 2.0 and WinRM on the SAM and target servers. Powershell 2.0 can be found here: http://support.microsoft.com/kb/968930 .
2. On the SAM server, open a command prompt as an Administrator. To do this, perform the following step:
   - Go to the **Start** menu and right-click the **cmd.exe** and then select **Run as Administrator.**

1. Enter the following in the command prompt:
   winrm quickconfig
   winrm set winrm/config/client @{TrustedHosts="*"}
2. On the target server, open a command prompt as an Administrator and enter the following:
   winrm quickconfig
   winrm set winrm/config/client @{TrustedHosts="IP_ADDRESS"}
   where IP address is the IP address of your SAM server.

Lastly, ensure that you've clicked the "Get Script Output" button after assigning the template to the node

Edit Script

Each statistic and message output pair of your script requires a unique identifier. Example:
  Statistic.CPU: 31.08
  Message.CPU: svchost.exe cpu usage
A maximum of 10 output pairs can be monitored per script » Learn how to format unique identifiers in your script

Script Arguments: `time.nist.gov`

Script Body:
```
# Argument example: time.nist.gov
function Get-InternetTime ([string]$time_server) {
    $TcpClient = New-Object System.Net.Sockets.TcpClient
    [byte[]]$buffer = ,0 * 64
    $TcpClient.Connect($time_server, 13)
    $TcpStream = $TcpClient.GetStream()
    $length = $TcpStream.Read($buffer, 0, $buffer.Length);
    [void]$TcpClient.Close()
    $raw = [Text.Encoding]::ASCII.GetString($buffer)
    [DateTime]::ParseExact($raw.SubString(7,17), 'yy-MM-dd HH:mm:ss', $null)
    }
```

Output: [Get script output] Will run against [NOT SPECIFIED] node with [NOT SPECIFIED] credential

Output Result: Message.Statistic: N/A
             Statistic.Statistic: XXX.XX

6975 Visualizações   Categorias: Application Monitor Templates   Rótulos:

Classificação de usuário médio

(0 Classificações)

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4   **ÚTIL**   **MAIS CURTIDOS**

aLTeReGo 🚀 13/12/2013 21:12 (em resposta a kcorcoran)

29

Resposta correta   Re: Unable to get a remote Powershell script running

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Script Arguments: time.nist.gov

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# Argument example: time.nist.gov
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    $TcpClient = New-Object System.Net.Sockets.TcpClient
    [byte[]]$buffer = ,0 * 64
    $TcpClient.Connect($time_server, 13)
    $TcpStream = $TcpClient.GetStream()
    $length = $TcpStream.Read($buffer, 0, $buffer.Length);
    [void]$TcpClient.Close()
    $raw = [Text.Encoding]::ASCII.GetString($buffer)
    [DateTime]::ParseExact($raw.SubString(7,17), 'yy-MM-dd HH:mm:ss', $null)
    }
```

Output: [Get script output]   Will run against NOT SPECIFIED node with NOT SPECIFIED credential

Output Result: Message.Statistic: N/A
               Statistic.Statistic: XXX.XX

1 de 1 pessoas acharam isso

Actions   👍 Curtir

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kcorcoran 13/12/2013 22:39   (em resposta a aLTeReGo)

1

Re: Unable to get a remote Powershell script running

I Must have read all of those steps a dozen times and yet I still missed the 'on SAM Server .... winrm set winrm/config/client ' statement

Actions   👍 Curtir

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rafish 22/10/2014 09:51   (em resposta a aLTeReGo)

3

Re: Unable to get a remote Powershell script running

Hi,
I success with this command : get-content \\x.x.x.x\S$\usr\sap\TDP\DVEBMGS00\work\dev_icm | select-string "ERROR" (without the :)

Thank you very much for your help

Actions   👍 Curtir

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buceyes 10/11/2015 09:11   (em resposta a aLTeReGo)

5

Re: Unable to get a remote Powershell script running

Also found that if you have additional Polling Engines. You need to run the winrm quickconfig & winrm set winrm/config/client @{TrustedHosts="*"} commands on those as we
Drove me crazy trying to figure out why some systems worked and others didn't. Assigned polling engine was the difference.

1 de 1 pessoas acharam isso

Actions   👍 Curtir

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sans 05/05/2016 09:40   (em resposta a aLTeReGo)

15

Re: Unable to get a remote Powershell script running

When I run:

winrm quickconfig

I get that the service is running already.

Then I try:

winrm set winrm/config/client @{TrustedHosts="*"}

I get `Invalid use of command line`. If I take the 1st WinRM off, it seem to take the command. Is this expected?

Actions   👍 Curtir

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viorelp 06/05/2016 06:37 (em resposta a sans)

7

Re: Unable to get a remote Powershell script running

Hello, did you run that command in PowerShell or in command prompt? You will get an error in Powershell, but it will work fine in cmd with "Run As Administrator".

1 de 1 pessoas acharam isso

Actions   👍Curtir

15

sans 10/05/2016 10:00 (em resposta a viorelp)

Re: Unable to get a remote Powershell script running

Yes.

```
Administrator: Windows PowerShell
PS C:\Users\chris.boillot> winrm quickconfig
WinRM service is already running on this machine.
WinRM is already set up for remote management on this computer.
PS C:\Users\chris.boillot> winrm set winrm/config/client @{TrustedHosts="*"}
Error: Invalid use of command line. Type "winrm -?" for help.
PS C:\Users\chris.boillot> _
```

Actions   👍Curtir

29

aLTeReGo ⚡ 06/05/2016 13:33 (em resposta a sans)

Re: Unable to get a remote Powershell script running

```
Administrator: Command Prompt                              _  □  X
C:\Windows>winrm set winrm/config/client @{TrustedHosts="*"}
Client
    NetworkDelayms = 5000
    URLPrefix = wsman
    AllowUnencrypted = false
    Auth
        Basic = true
        Digest = true
        Kerberos = true
        Negotiate = true
        Certificate = true
        CredSSP = false
    DefaultPorts
        HTTP = 5985
        HTTPS = 5986
    TrustedHosts = *

C:\Windows>
```

Actions   👍Curtir

15

sans 10/05/2016 10:00 (em resposta a aLTeReGo)

Re: Unable to get a remote Powershell script running

```
Administrator: Windows PowerShell
PS C:\Users\chris.boillot> winrm quickconfig
WinRM service is already running on this machine.
WinRM is already set up for remote management on this computer.
PS C:\Users\chris.boillot> winrm set winrm/config/client @{TrustedHosts="*"}
Error: Invalid use of command line. Type "winrm -?" for help.
PS C:\Users\chris.boillot> _
```

Actions   👍Curtir

29

aLTeReGo ⚡ 10/05/2016 21:20 (em resposta a sans)

Re: Unable to get a remote Powershell script running

You are executing this in a PowerShell window. You need to execute this at the command prompt. To get to a command prompt click "Start -> Run" then type "cmd" and click "ok".

Open a Command Prompt window

1 de 1 pessoas acharam isso

Actions   👍Curtir

sans 11/05/2016 11:22 (em resposta a aLTeReGo)

Re: Unable to get a remote Powershell script running

smacks forehead I completely looked over that it was in a command prompt.

Actions   Curtir

---

mfoley@homesite.com 19/05/2016 08:25 (em resposta a kcorcoran)

Re: Unable to get a remote Powershell script running

I did this in command prompt and I still receive.. What else can i do to resolve this?

PowerShell script error. Connecting to remote server ‾‾‾‾‾‾‾‾ failed with the following error message : The WinRM client cannot process the request. Default authentication may be used with an IP address under the following conditions: the transport is HTTPS or the destination is in the TrustedHosts list, and explicit credentials are provided. Use winrm.cmd to configure TrustedHosts. Note that computers in the TrustedHosts list might not be authenticated. For more information on how to set TrustedHosts run the following command: winrm help config. For more information, see the about_Remote_Troubleshooting Help topic.

OK

Actions   Curtir

---

mbussey ⚡ 19/05/2016 09:52 (em resposta a mfoley@homesite.com)

Re: Unable to get a remote Powershell script running

Just to be certain....You ran winrm set winrm/config/client @{TrustedHosts="*"} from the Windows Command Prompt (not Powershell Command Prompt) on the Orion server?
On the Orion server try the following;

- Winrm quickconfig - Thiis should come back without errors
- Powershell command prompt - Test-WSMan -ComputerName (Destination IP address)
- Telnet to the destination IP address over port 5985

Actions   Curtir

---

mfoley@homesite.com 19/05/2016 10:05 (em resposta a mbussey)

Re: Unable to get a remote Powershell script running

Just to be certain....You ran winrm set winrm/config/client @{TrustedHosts="*"} from the Windows Command Prompt (not Powershell Command Prompt) the Orion server? YES

On the Orion server try the following;

- Winrm quickconfig - Thiis should come back without errors - YES

- Powershell command prompt - Test-WSMan -ComputerName (Destination IP address)

-

- Telnet to the destination IP address over port 5985 – YES this worked

image001.png
4,7 KB

Actions   Curtir

---

mbussey ⚡ 19/05/2016 11:21 (em resposta a mfoley@homesite.com)

Re: Unable to get a remote Powershell script running

From Orion PS prompt

Enter-PSSession -computername (IP of Remote Sever) -credential domain\user
Should come back as connected with PS prompt

On the remote/target server, open a command prompt as an Administrator and enter the following:
　　winrm quickconfig
winrm set winrm/config/client @{TrustedHosts="IP_ADDRESS"}
　　　　where IP address is the IP address of your SAM server.

Actions   👍Curtir

mfoley@homesite.com 19/05/2016 11:31 (em resposta a mbussey)

Re: Unable to get a remote Powershell script running

From Orion PS prompt

Enter-PSSession -computername (IP of Remote Sever) -credential domain\user

Should come back as connected with PS prompt – YES this worked

On the remote/target server, open a command prompt as an Administrator and enter the following:
　　winrm quickconfig
winrm set winrm/config/client @{TrustedHosts="IP_ADDRESS"}

where IP address is the IP address of your SAM server.

When I did winrm set winrm/config/client @{TrustedHosts="IP_ADDRESS"} it comes back with Invalid use of command line but it I do this set winrm/config/client @{TrustedHosts="IP_ADDRESS"} it doesn't error

Actions   👍Curtir

mbussey 🌠 19/05/2016 11:52 (em resposta a mfoley@homesite.com)

Re: Unable to get a remote Powershell script running

How about an output of **winrm get winrm/config/client** from the target server

TrustedHosts line should have the IP of the Orion server listed

Are you running additional polling engines?

Actions   👍Curtir

mfoley@homesite.com 19/05/2016 12:01 (em resposta a mbussey)

Re: Unable to get a remote Powershell script running

I did that and it shows the IP of my Orion server

Actions   👍Curtir

mbussey 🌠 19/05/2016 13:21 (em resposta a mfoley@homesite.com)

Re: Unable to get a remote Powershell script running

To recap - On the Orion server - Running winrm set winrm/config/client @{TrustedHosts="*"} from a Windows CMD Prompt ("run as administrator") you receive the error you had posted (copy below).
What's confusing me is the Powershell Script Error listed in your error output which is not what I would expect to see as part of the erro output when the command above is run from CMD. Is this error from an actual PS script monitor you are attempting to run?

PowerShell script error. Connecting to remote server ▬▬▬▬▬▬ failed with the following error message : The WinRM client cannot process the request. Default authentication may be used with an IP address under the following conditions: the transport is HTTPS or the destination is in the TrustedHosts list, and explicit credentials are provided. Use winrm.cmd to configure TrustedHosts. Note that computers in the TrustedHosts list might not be authenticated. For more information on how to set TrustedHosts run the following command: winrm help config. For more information, see the about_Remote_Troubleshooting Help topic.

[OK]

What's the output if you run **winrm get winrm/config/client** on the Orion Server? Can you post it??
Are you running any Additional Polling Engines?

Actions
👍Curtir

mfoley@homesite.com 19/05/2016 13:42 (em resposta a mbussey)

Re: Unable to get a remote Powershell script running

I have 4 additional polling engines

Actions
👍Curtir

mbussey ⚡ 19/05/2016 13:46 (em resposta a mfoley@homesite.com)

Re: Unable to get a remote Powershell script running

Can you run the winrm set winrm/config/client @{TrustedHosts="*"} from a Windows CMD Prompt ("run as administrator") on
of the polling engines if you haven't done so already?

Actions
👍Curtir

Reply to origina

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