

PowerShell Sensor - Custom cmdlet (for MS SQL)

Introduction

The third command type with the MS PowerShell Sensor is the "Custom Script".
With that type you can trigger your OWN cmdlet.

You need to place your own cmdlets to the following path:

```
/opt/panagenda/scripts/gl_powershell/xxxxxxx.ps1
```

The following example is a MS SQL example which demonstrates what steps you have to follow.

Configuration

Make sure that you have all Requirements in place

[Requirements / Authentication Profile / Server](#)

Create/adjust your Powershell Script

First of all you need to adjust your script in a way that it follows the following requirements:

[Custom Scripts - Guideline](#)

example script for this kbase article:

```
function Get-ISqlAvailableServers{
<#
.SYNOPSIS
    Get-ISqlAvailableSQLServers
.DESCRIPTION
    Get available SQL Server instances
.EXAMPLE
    .\Get-ISqlAvailableSQLServers
.INPUTS

.OUTPUTS
    Server names
.NOTES

.LINK
#>

begin {
    [void][reflection.assembly]::LoadWithPartialName("Microsoft.SqlServer.Smo")
}
process {
    try {
        Write-Verbose "Enumerating servers...please wait"
        # Enumerate servers
        $smoApp = [Microsoft.SqlServer.Management.Smo.SmoApplication]
        $enumServers = $smoApp::EnumAvailableSqlServers($false) | Select Name
        Write-Output $enumServers
    }
    catch [Exception] {
        Write-Error $Error[0]
        $err = $_.Exception
        while ( $err.InnerException ) {
            $err = $err.InnerException
            Write-Output $err.Message
        }
    }
}
}
```

Store Script on GL Appliance

copy your script to : /opt/panagenda/scripts/gl_powershell/Get-ISqlAvailableServers.ps1

Configure the MS Powershell Sensor

- Script Type: Custom Script
- Command Type: Powershell
- Script Filename: Get-ISqlAvailableServers (you need to enter the name manually without adding the PS1 extension!)

PS - Get-ISqlAvailableServers

Enabled ☒ [Show Schedule](#)

Settings

Targets

Actions

Schedule

Script Type

Custom Script

Command Type

Powershell

Script Filename

Get-ISqlAvailableServers

Parameters

Only one parameter or parameter-value pair per line

Please make sure that you have assigned the correct Server Roles on the Node Level

Save & Close

Discard Changes

Output:

Key	Value
greenlight.powershell.1.Name	SRV-1
greenlight.powershell.2.Name	SRV-1\POWERPIVOT