

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!)

Name: 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