ARGUS PowerShell Module

* This PowerShell Module contains several different server checks, but primarily is used for a daily check system that exports the results to an HTML file.
* **YOU WILL HAVE TO EDIT THE ARGUS.PSM1 FILE TO FIT YOUR NETWORK.**
  + You will need to edit the file path that the script exports the file too
  + You will need to edit the path to the server list file (and create one if you do not have one already) as well as verify that the server list file is correct.
  + You will need to edit the service account in the script as well.
* If this is the first time that the module is introduced to a network, you will have to create a PowerShell Repository to be able to install all of the modules that are needed to run of the commands inside the module.
  + To do this, follow this [guide](https://blog.devolutions.net/2021/03/local-powershell-module-repository-no-server-required/)
* Once the Repository has been created, you will need to download and install all of the modules that are needed from [PowerShell Gallery](https://www.powershellgallery.com/) by using the list of modules at the bottom of this document. The list of modules are written in order that you have to install the modules. Alternatively, you can install PowerCLI if you have it.
* It is best to use a server for this so that you only need to install the modules once, but imbedded in this document is a script to install all of the modules.
* After all of the modules have been installed into your PowerShell environment, use this [guide](https://subscription.packtpub.com/book/cloud-and-networking/9781789808537/1/ch01lvl1sec16/creating-an-internal-powershell-repository) to explain how to register Argus as a module in PowerShell and begin using it’s commands.
* Once this has been completed you are ready to run the commands.
  + Log into the Server that you installed the modules on.
  + Open PowerShell as Administrator
  + When running the command for the first time, you will have to enter this command. (script included for this)
    - Set-PowerCLIConfiguration -Scope AllUsers -ParticipateInCEIP $False
  + Then you will have to put in this command
    - Set-PowerCLIConfiguration -InvalidCertificateAction Ignore -Scope AllUsers
      * Then hit “A” for Yes to All
* Once this is completed the script will be ready.
  + In the Administrator PowerShell session:
    - Type ARGUS
      * Hit enter and it will prompt you for the password of the service account
* Once the script is completed, the results will be exported to the location that you set in the module.

Correct order of Module installs for VMware – IF YOU HAVE PowerCLI AVAILABLE, DISREGARD

You can also use the provided scripts to download install these modules for you.

1. NuGet
2. PackageManagement
   1. The above two may require you to obtain the PackageManagement Folder from a computer that already has this installed, depending on your network.
3. VMware.VIM
4. VMware.VimAutomation.Core
5. VMware.VimAutomation.Common
6. VMware.VimAutomation.License
7. VMware.VimAutomation.Cis.Core
8. VMware.VimAutomation.Nsxt
9. VMware.VimAutomation.sdk
10. VMware.VimAutomation.Security
11. VMware.VimAutomation.Srm
12. VMware.VimAutomation.Storage
13. VMware.VimAutomation.StorageUtility
14. VMware.VimAutomation.vds
15. VMware.VimAutomation.vmc
16. VMware.CloudServices
17. Vmware.ImageBuilder
18. VMware.PowerCLI.Sdk.Types
19. VMware.PowerCLI.Sdk
20. VMware.PowerCLI.VCenter.Types.ApplianceService
21. VMware.PowerCLI.VCenter.Types.CertificateManagemen
22. VMware.VumAutomation
23. VMware.VimAutomation.WorkloadManagement
24. VMware.VimAutomation.HorizonView
25. VMware.VimAutomation.Hcx
26. VMware.Sdk.Runtime
27. VMware.Sdk.vSphereRuntime
28. VMware.Sdk.vSphere.Appliance
29. VMware.Sdk.vSphere.Appliance.Access
30. VMware.Sdk.vSphere.Appliance.Health
31. VMware.Sdk.vSphere.Appliance.InfraProfile
32. VMware.Sdk.vSphere.Appliance.LocalAccounts
33. VMware.Sdk.vSphere.Appliance.Logging
34. VMware.Sdk.vSphere.Appliance.Networking
35. VMware.Sdk.vSphere.Appliance.Recovery
36. VMware.Sdk.vSphere.Appliance.SupportBundle
37. VMware.Sdk.vSphere.Appliance.System
38. VMware.Sdk.vSphere.Appliance.Update
39. VMware.Sdk.vSphere.Cis
40. VMware.Sdk.vSphere.Cis
41. VMware.Sdk.vSphere.Content
42. VMware.Sdk.vSphere.ContentLibrary
43. VMware.Sdk.vSphere.Esx.Hcl
44. VMware.Sdk.vSphere.Esx.Hosts
45. VMware.Sdk.vSphere.Esx.Settings
46. VMware.Sdk.vSphere.VAPI.Metadata
47. VMware.Sdk.vSphere.vCenter
48. VMware.Sdk.vSphere.vCenter.Authentication
49. VMware.Sdk.vSphere.vCenter.CertManagement
50. VMware.Sdk.vSphere.vCenter.Content
51. VMware.Sdk.vSphere.vCenter.Datastore
52. VMware.Sdk.vSphere.vCenter.Deployment
53. VMware.Sdk.vSphere.vCenter.Guest
54. VMware.Sdk.vSphere.vCenter.Identity
55. VMware.Sdk.vSphere.vCenter.Inventory
56. VMware.Sdk.vSphere.vCenter.ISO
57. VMware.Sdk.vSphere.vCenter.LCM
58. VMware.Sdk.vSphere.vCenter.NamespaceManagement
59. VMware.Sdk.vSphere.vCenter.Namespaces
60. VMware.Sdk.vSphere.vCenter.OVF
61. VMware.Sdk.vSphere.vCenter.Services
62. VMware.Sdk.vSphere.vCenter.Storage
63. VMware.Sdk.vSphere.vCenter.SystemConfig
64. VMware.Sdk.vSphere.vCenter.Tagging
65. VMware.Sdk.vSphere.vCenter.Topology
66. VMware.Sdk.vSphere.vCenter.TrustedInfrastructure
67. VMware.Sdk.vSphere.vCenter.VCHA
68. VMware.Sdk.vSphere.vCenter.Vm
69. VMware.Sdk.vSphere.vCenter.VmTemplate
70. VMware.Sdk.vSphere.vStats
71. VMware.Sdk.vSphere
72. VMware.Sdk.Nsx.Policy
73. VMware.VimAutomation.vROps
74. VMware.PowerCLI.VCenter
75. VMware.DeployAutomation
76. VMware.PowerCLI