windows commands for on-call

🚩 Disk / Volume / Partition related command

1	Get All physical Disk	`get-physicalDisk | Select AdapterSerialNumber, DeviceId,`
2	Get physical Disk from unique id	`get-physicalDisk -UniqueId '%1%' |ConvertTo-Json`
3	get physcial disk which are not attached to file system or can pool is true	` get-physicaldisk -CanPool $True | select-object DeviceId`
4	Get partition info	`get-Partition |Select UniqueId -ExpandProperty UniqueId`
5	get partition info	`get-partition | get-volume | Select DriveLetter,Size,Size`
6	get volume info	`get-volume | Select DriveLetter,Size,SizeRemaining| Conve`
7	get partition info from drive letter	`get-partition -DriveLetter '%1%'`
8	Get partition from disk number	`Get-Partition -DiskNumber %1%`
9	get volume for partition via unique id	`get-partition -UniqueId '%1%' |Get-Volume |ConvertTo-Json`
10	get virtual disk from physical disk unique-id	`Get-PhysicalDisk -UniqueId '%1%'| Get-VirtualDisk | Get-D`

11	get all physical disk which are part of virtual disk	`Get-VirtualDisk -FriendlyName '%1%' |Get-StoragePool | ge`
		`    "AdapterSerialNumber, DeviceId, UniqueId, PhysicalLoc`
		`    "HealthStatus, Usage | fl`

12	get all physical disk which are part of storage pool	`get-storagepool -FriendlyName 'LuciditySP1' |  get-physic`
13	add physical disk to storage pool	`Add-PhysicalDisk -StoragePoolFriendlyName '%1%' -Physical`
14	mark retire physical disk	`Set-PhysicalDisk -UniqueId '%1%' -Usage Retired`
15	mark disk auto-select (physical disk)	`Set-PhysicalDisk -UniqueId '%1%' -Usage AutoSelect`
16	remove physical disk from storage pool	`Remove-PhysicalDisk -PhysicalDisks (Get-PhysicalDisk -Uni`
17	get retired physcial disk	` Get-PhysicalDisk | Where-Object -Property Usage -EQ Reti`
18	get storage job	`Get-StorageJob | fl`
19	initialise disk with partition without storage pool	` Initialize-Disk -Number %1% ; New-Partition  -DiskNumber`
20	remove partition	`Remove-Partition -DriveLetter %1% -Confirm:$false`

21	get all drive name	`Get-PSDrive -PSProvider FileSystem | select-object name |`
22	get usage by drive letter	`Get-PSDrive -Name %1% | select-object used | ConvertTo-Js`
23	get label from drive letter	`get-volume -DriveLetter '%1%' | Select-Object FileSystemL`

🚩 StoragePool / VirtualDisk related command

1	get virtual disk from physical disk unique-id	`Get-PhysicalDisk -UniqueId '%1%'| Get-VirtualDisk | Get-D`
2	get virtual disk info from name	` Get-VirtualDisk -FriendlyName '%1%' | fl`
3	get storagepool info from name	`Get-StoragePool -FriendlyName '%1%' | fl`
4	get all virtual disk	` Get-VirtualDisk | fl`
5	get all storage pool	`Get-StoragePool | fl`
6	get all virtual disks part of storage pool	`Get-StoragePool -FriendlyName '%1%'| get-virtualDisk | se`
7	get virtual disk health status	`Get-VirtualDisk -FriendlyName '%1%' | Select  HealthStatu`
8	get storage pool from physical disk unique id	`get-physicalDisk -UniqueId '%1%' | get-storagepool | Sele`
9	get partition info from virtual disk	`Get-VirtualDisk -FriendlyName '%1%' | Get-Disk | Get-Part`
10		` get-VirtualDisk  -FriendlyName 'LucidityVD1' | Get-Disk`
11	get storage pool from virtual disk	`Get-VirtualDisk '%1%' | Get-StoragePool|select FriendlyNa`
12	get storagepool capacity	`Get-StoragePool '%1%' |Select @{L='Capacity';E={'{0:N2}GB`
13	new storage pool	` New-StoragePool -FriendlyName '%1%' -StorageSubSystemFri`
14	new virtual disk	`New-VirtualDisk -StoragePoolFriendlyName %1% -FriendlyNam`
15	new partition	`Get-VirtualDisk -FriendlyName %1% | Get-Disk | Where-Obje`
16	repair virtual disk	`Repair-VirtualDisk -FriendlyName '%1%'`
17	remove virtual disk	`Remove-VirtualDisk -FriendlyName '%1%' -Confirm:$false`
18	remove storage pool	`Remove-StoragePool -FriendlyName '%1%' -Confirm:$false`
19	optimise storage pool	`Optimize-StoragePool -FriendlyName '%1%'`

File Based command

1	is file exist	`Microsoft.PowerShell.Management\\Test-Path -Path %1% -Pat`
2	download nw agent install script	`curl https://orchestrator.prod.lucidity.dev/agentinstall/`
3	remove folder via robocopy	`robocopy c:\\lucidity_nw\\empty  C:\\lucidity\\lucidity_b`
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Other command

1	reboot / restart instance	`shutdown /r`
2	systeminfo	`systeminfo | fl`
3	get os version info	`((Get-WMIObject win32_operatingsystem).name).split('|')[`
4	download nightswatch agent install script	`curl https://orchestrator.prod.lucidity.dev/agentinstall/`

5	nightswatch agent nssm job status / start / stop / restart	`C:\\nssm-2.24-103-gdee49fc\\win64\\nssm.exe status nwAge`
		`C:\\nssm-2.24-103-gdee49fc\\win64\\nssm.exe start nwAgen`
		`C:\\nssm-2.24-103-gdee49fc\\win64\\nssm.exe stop nwAgent`
		`C:\\nssm-2.24-103-gdee49fc\\win64\\nssm.exe restart nwAg`

6	autoscaler main agent start / stop / status / restart	`C:\\nssm-2.24-103-gdee49fc\\win64\\nssm.exe status autos`
		`C:\\nssm-2.24-103-gdee49fc\\win64\\nssm.exe start autosc`
		`C:\\nssm-2.24-103-gdee49fc\\win64\\nssm.exe stop autosca`
		`C:\\nssm-2.24-103-gdee49fc\\win64\\nssm.exe restart auto`

7	get all services	`Get-Service | Select Status, Name`
8	stop service	`Stop-Service -Name %1%`
9	get cpu load percentage	

		`wmic cpu get loadpercentage`
10	select patter from file	`Select-String -Path C:\lucidity\lucidity_agent\log\autosc`
11	get last 100 line from file	`Get-Content C:\lucidity\lucidity_agent\log\autoscalerAgen`
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disk part command

1	get volume info (to get mirror status)	`(echo list vol && echo exit) | DISKPART`
2	get disk info (to check VD created or not and disk number)	`(echo list disk && echo exit) | DISKPART`
3	import foreign disk	`(echo select disk='%1%' && echo import && echo exit) | DI`
4	update drive letter	`(echo select volume='%1%' && echo assign letter='%2%' &&`
5	rescan disk	`(echo rescan && echo exit) | DISKPART`
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