$currentDate = Get-Date

$lastMonthDate = $currentDate.AddMonths(-1)

$month = $lastMonthDate.ToString('yyyy-MM')

$monthformat = $lastMonthDate.ToString('MMM yyyy')

$lastYear = $lastMonthDate.Year

$lastMonth = $lastMonthDate.Month

$searchPattern = "{0:D4}-{1:D2}-\*" -f $lastYear, $lastMonth

$ss = $searchPattern.ToString()

<#-----------------------------------------------------------#>

$Year = (Get-Date).ToString("yyyy")

$months = (Get-Date).AddMonths(-1).ToString("MM")

$BankHoliday = [datetime[]]@( '2024-01-01'

) #'2024-01-23' Date Format

$BaseDate = Get-Date -Year $Year -Month $months -Day 1

$dat =[System.Collections.ArrayList]@( 0..29 |

ForEach-Object { $BaseDate.AddDays($\_) } |

Where-Object DayOfWeek -notin Saturday, Sunday |

Where-Object Date -notin $BankHoliday |

Select-Object -pv prev -Property Date)

$res = @()

$dat | ForEach-Object {

$zxc = $\_.Date

$convertedDate = Get-Date $zxc -Format 'yyyy-MM-dd'

$propertie = [PSCustomObject] @{

Date = $convertedDate

}

$res += $propertie

}

#$res = [System.Collections.ArrayList]@('2024-01-03','2024-01-05')

<#--------------------------------------------------------------------------#>

$Cred = IMPORT-CLIXML "D:\Scripts\LGU\EventView\_Report\SA-K455-VDI.xml"

$hzserver = @('UK0-VSDAAS-P04')

$result = @()

$resultfinal = @()

#$hzserver

$session = New-PSSession -ComputerName $hzserver -Credential $Cred

$session

$getDetails = Invoke-Command -Session $session -ScriptBlock {Add-PSSnapin -Name VMware.View.Broker ; Get-EventReport -viewName user\_count\_events | Where-Object{($\_.eventtype -eq "BROKER\_DAILY\_MAX\_CCU\_USERS") -and ($\_.time -match $ss )} | sort time | Select-Object Time,ccucount}

$avg = ($getDetails | Where-Object{$\_.time -match $ss } | Select-Object ccucount, time )

<#-----------------------------------------------------------#>

$res1 = @()

$avg | ForEach-Object {

$zxb = $\_.time

$xvb = $\_.ccucount

$dateonly = Get-Date -Date $zxb -UFormat "%Y-%m-%d"

$propertie1 = [PSCustomObject] @{

ccucount = $xvb

time = $dateonly

}

$res1 += $propertie1

}

<#-----------------------------------------------------------#>

#$avg = ($getDetails | Where-Object{$\_.time -match $ss } | Select-Object ccucount, time )

#$res2 = "2024-01-31"

if ( $hzserver -eq "UK0-VSDAAS-P04") {$pod = "UK-POD1"}

elseif ( $hzserver -eq "UK0-VSDAAS-P05") {$pod = "UK-POD1"}

<#-----------------------------------------------------------#>

#$maxCount = ($getDetails | Where-Object{$\_.time -match $ss } | Measure-Object -Property ccucount -Maximum).Maximum

#$max = $getDetails | Where-Object{$\_.ccucount -eq $maxCount} | Select-Object ccucount, time

#$avg = ($getDetails | Where-Object{$\_.time -match $date } | Measure-Object -Property ccucount -Average).Average

#$dateTime = @('2024-01-31 23:55:00.41','2024-01-30 23:55:00.41')

<#---------------------------------------------------------------------------#>

#Import Cred #

#$res4 = $res1 | Select-Object -Unique time

$res | ForEach-Object {

$res2 = $\_

$pam = ($res1 | Where-Object{$\_.time -match $res2.Date } | Select-Object Time,ccucount)

<#

$obj = New-Object PSCustomObject

$obj | Add-Member -type NoteProperty -name ServerName -Value $pod

$obj | Add-Member -type NoteProperty -name Date -Value $pam.time

$obj | Add-Member -type NoteProperty -name Avg\_CCUcount -Value $pam.ccucount

[void]$result.add($Obj)

#>

$properties = [PSCustomObject]@{

ServerName = $pod

Date = $pam.time

Avg\_CCUcount = $pam.ccucount

}

$result += $properties

}

$maxCount = ($getDetails | Where-Object{$\_.time -match $ss } | Measure-Object -Property ccucount -Maximum).Maximum

$s = 0

$c = 0

foreach($av in $result.Avg\_CCUcount){

$s += $av

$c++

}

$avgcou = $s / $c

#$ps = ([int32]::$result | Measure-Object -Property Avg\_CCUcount -Average).Average

$avgcount = [math]::Round($avgcou)

$properties = [PSCustomObject] @{

ServerName = $pod

Max\_CCUcount = $maxCount

Avg\_CCUcount = $avgcount

}

$resultfinal += $properties

$session | Remove-PSSession

$session

$result | Export-Csv -Path "D:\Scripts\LGU\EventView\_Report\report\All\_report\_$pod.csv" -NoTypeInformation

$resultfinal | Export-Csv -Path "D:\Scripts\LGU\EventView\_Report\report\Avg\_Report\_$month.csv" -Append

$resultfinal