How to retrieving network traffic for 60 sec from esxtop

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google doc (view)
github (download)

net-report.ps1

```
$esxtopInterval = 6

$first = $true
$report = @()
for($i = 0; $i -lt 10;$i++){
  $stats = Get-EsxTop -CounterName NetPort | where{$_.ClientName -eq 'vmnic0'}
  if(!$first){
        # create a data row
        $row = "" | Select ClientName, NumOfSendPackets, NumOfSendBytes,
NumOfRecvPackets, NumOfRecvBytes
        $row.ClientName=$stats[0].ClientName
        $row.numOfSendPackets=$stats[0].numOfSendPackets-$numOfSendPackets
        $row.numOfSendBytes=$stats[0].numOfSendBytes-$numOfSendBytes
        $row.numOfRecvPackets=$stats[0].numOfRecvPackets-$numOfRecvPackets
        $row.numOfRecvBytes=$stats[0].numOfRecvBytes-$numOfRecvBytes

        $report +=$row
        $report | ft -AutoSize
  }
  else{
    $first = $false
  }

  $numOfSendPackets=$stats[0].NumOfSendPackets
  $numOfSendBytes=$stats[0].numOfSendBytes
  $numOfRecvPackets=$stats[0].numOfRecvPackets
  $numOfRecvBytes=$stats[0].numOfRecvBytes

  sleep $esxtopInterval
}

# report
$report | ft -AutoSize
$dateinfo=(Get-Date).ToString("y.m.d.h.m.s")
$report | Export-Csv "$($dateinfo)-network-traffic.csv" -NoTypeInformation -UseCulture
```

	A	B	C	D	E
1	ClientName	NumOfSendPackets	NumOfSendBytes	NumOfRecvPackets	NumOfRecvBytes
2	vmnic0	181	702144	337	25674
3	vmnic0	182	702650	328	28888
4	vmnic0	197	712626	356	29786
5	vmnic0	179	701966	317	24414
6					