

Get-AzurePrice

Purpose:

Lists the price for a specified VM or managed disk

Usage:

```
Get-AzurePrice -VMType <vmtype> [-Reservation <reservation>] [-AHB] [-Currency <currency>]
Get-AzurePrice -DiskType <disktype> [-Redundancy <redundancy>] [-Currency <currency>]
```

Get-AzurePrice -VMType [...] displays estimated monthly fee for a given VM type
<vmtype> must be written exactly as in the price table, including proper capitalization. The space may be replaced by an underscore, e.g. use "D4s v4" or "D4s_v5"
<reservation> is 0, 1, or 3 (years). If omitted, all three values will be reported, separated by semicolons
<currency> can be any valid three-letter currency code, default value is EUR
-AHB if this switch is given, prices are given without windows license (i.e. using Azure Hybrid Benefit)

Get-AzurePrice -DiskType [...] displays estimated monthly fee for a given disk type
<disktype> must be written exactly as in the price table, including proper capitalization, e.g. "E10" or "S20"
<redundancy> is either LRS or ZRS, default is LRS
<currency> can be any valid three-letter currency code, default value is EUR

Get-ConnectedNICs

Purpose:

List network interfaces in given subscriptions with IP address, VNet name, network address and DNS record, also tests whether NIC is responding to pings

Usage:

```
Get-ConnectedNICs [-subscriptionFilter <filterexpression>] [-outFile <outfilename>] [-noPing]
  -subscriptionFilter mandatory parameter, list NICs in subscriptions matching the filter
  -outFile             writes results to a semicolon-separated CSV format if this parameter
                      is given
  -noPing              skips testing whether the NIC is responding to a ping
```

Get-FileAccesses

Purpose:

provides count and size statistics about file extensions and ages on file storages

Usage:

```
Get-FileAccesses -ServerName <servername> [-ShareName <sharename>] [-onAccess] [-noAges]
[-noExtensions] [-Priority (BelowNormal | Normal | AboveNormal | High | Realtime)]
  -ServerName      Mandatory, evaluates data on given share(s) of <servername>
  -ShareName       Analyzes files on the given share.
                  If omitted, analyzes data on all non-hidden shares of the given
                  server.
  -onAccess        Uses lastAccess for age calculation.
                  If omitted, uses lastWrite for age calculation
  -noAges          Ignores file age, lists by extensions only (if -noExtensions is not
                  given)
  -noExtensions    Ignores extensions, lists by age only (if -noAge is not given)
                  If BOTH -no... switches are given, script only returns total file
                  count and size
  -Priority         Starts process with given priority. Use with care.
                  Possible values are BelowNormal | Normal | AboveNormal | High |
                  Realtime
```

Examples:

to list file count and size by age, based on last accessed date'

```
Get-FileAccesses -ServerName myserver -ShareName myshare -onAccess -noExtensions
```

to see all properties in table format, use ft -Property *

```
Get-FileAccesses -ServerName myserver -ShareName myshare | ft -Property *
```

Get-NSGRules

Purpose:

Lists the NSG rules in the given subscriptions in a summarized or detailed way

Usage:

```
Get-NSGRules -subscriptionFilter <filterexpression> [-details | -briefDetails]
  -subscriptionfilter mandatory parameter, list NSGs in subscriptions matching the filter
  -details             list all rules in order of their priority
  -briefDetails        list every rule, but fewer details
                      if neither "details" switch is present, then all open ports are
                      listed, regardless of the actual source and target networks.
                      Since this mixes rules, it gives you an overview of ports but no
                      reliable information about security
```

Get-VirtualMachineSizes

Purpose:

Lists the VMs, their SKU and their disks

Usage:

```
Get-VirtualMachineSizes -subscriptionFilter <filterexpression> [-disks [-aggregate]]
```

```
-subscriptionFilter list VMs in matching subscriptions
-disks              also shows disk information
-aggregate          aggregates disks by SKUs, requires -disks
```

Get-VirtualNetworks

Purpose:

Lists all virtual networks, subnets, IP addresses and -ranges for the specified subscription(s)

Usage:

```
Get-VirtualNetworks -subscriptionFilter <filterexpression> [-outFile <outfilename>]
[-excludeSubnets]
```

```
-subscriptionFilter mandatory. Lists networks in subscriptions matching the filter
-outFile            will write output into semicolon-separated CSV format,
                   otherwise output is a list of objects
-excludeSubnets    will only list VNets, not subnets
```