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 -VMType [...] 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-PrinterQueues

Purpose:
    Lists all printer queues on all computers matching the filter.
    The <filter> can be a computer name but also include wildcards
    The output will be for the each printer on the matching computer(s),
    name of computer, printer, driver, and printer IP address.

Usage:
    Get-PrinterQueues -filter <filter> [-details] [-ping] [-outFile <outfilename>]
    -details Give additional details for each printer: name of shared printer, location,
              comment, and port name
    -ping   will try to ping each printer and output an additional field 'IsLive'
    -outFile if given, exports result into a semicolon-separated CSV file

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
-outFile   writes results to a semicolon-separated CSV file

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 file,
                     otherwise output is a list of objects
-excludeSubnets   will only list VNets, not subnets