# Function Find-AzVms ()

## Description

Finds informations about Azure Virtual Machines

## Examples

$idList = @("532rg642-af1b-58j7-8d3c-98658455540t")

$ExportFilePath = "c:\users\john\documents\azvmlist.txt"

# List all VMs informations in a CSV file

Find-AzVms –SubscriptionList $IdList –ExportFileFormat “csv” –ExportFilePath $ExportFilePath -Delimiter ";"

# List all VMs informations in a JSON file

Find-AzVms –SubscriptionList $IdList –ExportFileFormat “json” –ExportFilePath $ExportFilePath

# List VMs names and Ip addresses in a file

Find-AzVms –SubscriptionList $IdList | Select-Object -Property VmName, PrivateIpAddress, PublicIPAddress | Export-CSV –path $ExportFilePath

# Store all Windows VMs in an array

$AzVmList = Find-AzVms –SubscriptionList $IdList | Where-Object {$\_.OsType -EQ "Windows"}

## Parameters

$SubscriptionId [array] : list of Azure subscriptions ids  
$ExportFilePath [string] : output file (optional)  
$Delimiter [string] : fields delimiter (optional, CSV only)

## Inputs

None

## Outputs

$AzVmList [array] : array with virtual machines informations  
CSV File (–ExportFileFormat “csv”)  
JSON File (–ExportFileFormat “json”)

## Notes

None

## Dependencies

## Az.Compute, Az.Accounts, Az.Network (Powershell modules)

## Todo

* Write similar function to « get » virtual machines or add it to this one
* Format Subscription name in Json export
* Add help
* Output to generic file name if exportfilepath not specified with exportfileformat