

|  |
| --- |
| Azure DevOps Lab  **Microsoft Azure** |
| Module 2. Implementing and managing Azure Networking  Home task |

## Task

1. To watch video [Point-to-Site demo with PowerShell cmdlets](https://epam.sharepoint.com/:v:/r/sites/CloudandDevOpsLab/Shared%20Documents/Azure%20DevOps%20Lab%20-%20materials/Azure%20Cloud/Module%202/Task2_Azure%20Point-to-Site.mp4?csf=1&e=c5SkJh)
2. Create two separate VNETs in Azure and VNET-to-VNET connection (NOT peering!) between them using PowerShell (AzureCLI) cmdlets/commands and wrapping it into PowerShell/Bash script:

* wrap networks creation part into a PowerShell function (PowerShell only)
* connection status check for both VPN sides to be implemented

Result: PowerShell/Bash (using AzureCLI) script that creates two Azure VNETs connected.

## REQUIREMENTS

1. Use latest Az module to accomplish this task (see link below). Do not use AzureRm obsolete modules!
2. All homework **artifacts must be executable** (e.g. if Mentor starts your script execution and it fails - all homework artifacts will be sent back for fixing)
3. All **resources must be deleted** after homework completion.

Useful links

# [Introducing the new Azure PowerShell Az module](https://docs.microsoft.com/en-us/powershell/azure/new-azureps-module-az?view=azps-1.3.0)

[VNET-to-VNET connection configuration using PowerShell](https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-vnet-vnet-rm-ps)

[VNET-to-VNET connection configuration using AzureCLI](https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-vnet-vnet-cli)