

Tasks about Azure RM, DSC and POSH-SSH

To do these tasks you need to finish the following trainings and links.

1. [Deep Dive into Azure Resource Manager Scenarios and Patterns](#)
2. [Azure Resource Manager DevOps Jump Start](#)
3. [Microsoft Azure for IT Pros Content Series: Storage](#)
4. [Microsoft Azure for IT Pros Content Series: Virtual Machines](#)
5. [Microsoft Azure for IT Pros Content Series: Virtual Networking](#)
6. Azure PowerShell [this](#), [this](#) and [this](#)
7. [Advanced PowerShell Desired State Configuration \(DSC\) and Custom Resources](#)
8. [Getting Started with PowerShell Desired State Configuration \(DSC\)](#)

1. Create a storage account and a BLOB-type container. Upload all local folders and files to that container.

2. Create Azure SQL and create 3 databases on the server. For testing, does insert for each database. [Export full backup databases](#) and [import to another Azure SQL server](#).

3. After logging into Azure, save the credentials in a file that you can use in the future in the PowerShell script for the logon process. Read [this](#) and [this](#) links.

4. Create ARM template which creates Windows 2012 R2 VM (In VM should be DNS name, VM disk, VNET and Network interface). This virtual machine must have a sub-resource that is DSC (DSC must download all files from the script folder of Desktop machine).

5. Create a new PowerShell script extension using the ARM template, run any script (which moves through DSC) with two parameters to do something in Windows VM

6. Configure IIS server to listen to two different sites via DSC which has ARM template. Read about [this module](#).

7. Deploy new Linux machine with ARM template. When it will finish, connect to this Linux with [Posh-SSH](#). [Upload some folder and files to the remote server, download some folder and files from the server, execute some commands in the remote server and at the end execute one script in the remote Linux server.](#)