

Helper Script for Patching App Services – Quick Start Template Based Deployment

NSG Requirements:

- Required on aps-ad-Nsg, aps-fs-Nsg, and aps-sql-Nsg
- Inbound Rule
 - Priority: 800
 - Name: PSRemoting
 - Port: 5985,5986
 - Protocol: TCP
 - Source: Any (or best practice your vnet)
 - Destination: Any (or your Public IP Addresses)
 - Action: Allow

Public IP Requirement:

- All 6 VM's will need public IP Addresses
- All Public IP's will need a DNS name label (Configuration blade of the Public IP) – Must be the machine name
 - Example: aps-sql-0.local.cloudapp.azurestack.external

Update Requirements

- Downloaded from <https://www.catalog.update.microsoft.com>
- .msu **must be** extracted as a cab file
 - Dism cannot install from a msu
 - Wusa.exe does not work remotely
 - Can be done with cmd
 - Expand -F:* c:\temp\thismonthspatch.msu c:\temp
- Add to a storage account and generate a SAS URI for the file (not the container)

Script Variables

- *Ideally I will add parameters in a later version, but wanted to get this working as is first
- Configure Azure Environment
 - Line 31: Change ArmEndpoint from ASDK endpoint
 - Line 32: Change Azure Key Vault DNS Suffix from ASDK
 - Line 33: Change Service Endpoint from ASDK
- AAD Tenant Name needs to be set
 - Line 37: \$AADTenantName -ex: contoso.onmicrosoft.com
- Provide the URI to download the cab file
 - Line 49: \$UpdateSAS – URI for the cab file uploaded to a storage account
- Provide Credentials for appsvc.local\appsvcadmin
 - You will be prompted for this and does not need to be set now
- Provide cab file name
 - Line 55: \$patchname -ex: Windows10.0-KB5021654-x64.cab

Additional Information

- Log file is created at c:\temp\UpdateDeployment.log
- AD FS is something I will work on next
- Only patches “Customer Infrastructure” – So controller nodes (managed by Microsoft) are not patched with this script