backup_restore_from_recoverypoint_bulk PS1

Thursday, August 17, 2023   9:23 AM

Summary
bulk backup_restore_from_recoverypoint_bulk
This PowerShell script connects to an Azure Recovery Services Vault, allows the user to select a backup VM, and then allows the user to select a recovery point for that VM.

It then creates a storage account and restores the selected recovery point to the storage account. Finally, it provides the restore job status for the user to review.

The script includes error handling and requires user input for some selections. A disclaimer at the beginning of the script warns that it is not supported under any Microsoft standard support program or service, and is provided as-is without warranty.

Detailed description

This PowerShell script is designed to help users restore a VM from a selected recovery point in an Azure Recovery Services Vault. The script begins by importing the necessary module and connecting to the Azure account using the connect-azaccount cmdlet.

Next, the script prompts the user to select the subscription for the restoration process by displaying a selection window using the **ogv (out-gridview)** cmdlet. The selected subscription is set as the active context using the **set-azcontext** cmdlet.
The script then prompts the user to select the recovery services vault to use by displaying a selection window using the **ogv** cmdlet. The selected vault is retrieved using the **Get-AzRecoveryServicesVault** cmdlet and set as the active context using the **Set-AzRecoveryServicesVaultContext** cmdlet.

The script then retrieves a list of Azure VM backup containers using the **Get-AzRecoveryServicesBackupContainer** cmdlet and prompts the user to select a container to get backups from using the **ogv** cmdlet. The selected container is stored in the $containerslist variable.

Next, the script retrieves a list of backup items for the selected container using the **Get-AzRecoveryServicesBackupItem** cmdlet and stores it in the **$backupitems** variable. The script then prompts the user to select the backup VM(s) they want to restore using the **ogv** cmdlet. The selected VM(s) are stored in the **$backupItemselected** variable.

The script then retrieves a list of recovery points for the selected backup item using the **Get-AzRecoveryServicesBackupRecoveryPoint** cmdlet and stores it in the **$rps** variable. The script then prompts the user to select a recovery point for each selected VM using the **ogv** cmdlet. The selected recovery points are stored in the **$rps_selected** variable.
The script then defines a **createstorageaccount** function that creates a new storage account using the **New-AzStorageAccount** cmdlet and creates a new storage container using the **New-AzStorageContainer** cmdlet. The function is called for each selected recovery point to create a new storage account and container for each restoration.

Finally, the script loops through the selected recovery points and restores each one to the newly created storage account using the **Restore-AzRecoveryServicesBackupItem** cmdlet. The script then retrieves the restore job status using the **Get-AzRecoveryServicesBackupStatus** cmdlet and displays it for the user to review.

The script includes error handling and requires user input for some selections.

==The disclaimer at the beginning of the script warns that it is not supported under any Microsoft standard support program or service, and is provided as-is without warrant==y.

bulk
backup_r...