



Windows PowerShell Get-Help on Cmdlet 'Initialize-AzDataProtectionBackupInstance'

PS:\>Get-HELP Initialize-AzDataProtectionBackupInstance -Full

NAME

Initialize-AzDataProtectionBackupInstance

SYNOPSIS

Initializes Backup instance Request object for configuring backup

SYNTAX

```
Initialize-AzDataProtectionBackupInstance -DatasourceType {AzureDisk | AzureBlob | AzureDatabaseForPostgreSQL |  
AzureKubernetesService | AzureDatabaseForPGFlexServer  
| AzureDatabaseForMySQL} -DatasourceLocation <String> [-PolicyId <String>] [-DatasourceId <String>]  
[-SecretStoreURI <String>] [-SecretStoreType {AzureKeyVault}]  
[-SnapshotResourceGroupId <String>] [-FriendlyName <String>] [-BackupConfiguration  
<IBackupDatasourceParameters>] [<CommonParameters>]
```

DESCRIPTION

Initializes Backup instance Request object for configuring backup

PARAMETERS

-DataSourceType

DataSource Type

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DataSourceLocation <String>

Location of the DataSource to be protected.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PolicyId <String>

Policy Id to be associated to DataSource

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DataSourceId <String>

ID of the datasource to be protected

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SecretStoreURI <String>

Secret uri for secret store authentication of data source.

This parameter is only supported for AzureDatabaseForPostgreSQL currently.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SecretStoreType

Secret store type for secret store authentication of data source.

This parameter is only supported for AzureDatabaseForPostgreSQL currently.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SnapshotResourceGroupId <String>

Sanpshot Resource Group

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-FriendlyName <String>

Friendly name for backup instance

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-BackupConfiguration <IBackupDatasourceParameters>

Backup configuration for backup.

Use this parameter to configure protection for AzureKubernetesService,AzureBlob.

To construct, see NOTES section for BACKUPCONFIGURATION properties and create a hash table.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug,

ErrorAction, ErrorVariable, WarningAction, WarningVariable,

OutBuffer, PipelineVariable, and OutVariable. For more information, see

about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.DataProtection.Models.Api20240401.IBackupInstanceResource

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help about_Hash_Tables.

BACKUPCONFIGURATION <IBackupDatasourceParameters>: Backup configuration for backup. Use this parameter to configure protection for

AzureKubernetesService,AzureBlob.

ObjectType <String>: Type of the specific object - used for deserializing

----- EXAMPLE 1 -----

```
PS C:\>$policy = Get-AzDataProtectionBackupPolicy -SubscriptionId "xxxx-xxx-xxx" -ResourceGroupName sarath-rg
-VaultName sarath-vault
```

```

                                                                    $AzureDiskId          =
"/subscriptions/{subscription}/resourceGroups/{resourceGroup}/providers/Microsoft.Compute/disks/{diskname}"
$instance = Initialize-AzDataProtectionBackupInstance -DatasourceType AzureDisk -DatasourceLocation westus
-DatasourceId $AzureDiskId -PolicyId $policy[0].Id
                    $instance.Property.PolicyInfo.PolicyParameter.DataStoreParametersList[0].ResourceGroupId =
"/subscriptions/{subscription}/resourceGroups/{snapshotResourceGroup}"
$instance
```

----- EXAMPLE 2 -----

```
PS C:\>$policy = Get-AzDataProtectionBackupPolicy -SubscriptionId "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx"
-VaultName "vaultName" -ResourceGroupName "resourceGroupName"
```

```
| Where-Object {$_.Name -eq "policyName"}
```

```
$sourceClusterId =
```

```
"/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/resourceGroupName/providers/Microsoft.Container  
Service/managedClusters/aks-cluster"
```

```
$snapshotResourceGroupId =
```

```
"/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/resourceGroupName"
```

```
$backupConfig = New-AzDataProtectionBackupConfigurationClientObject -SnapshotVolume $true  
-IncludeClusterScopeResource $true -DatasourceType AzureKubernetesService  
-LabelSelector "x=y","foo=bar"
```

```
$backupInstance = Initialize-AzDataProtectionBackupInstance -DatasourceType AzureKubernetesService  
-DatasourceLocation "eastus" -PolicyId $policy.Id -DatasourceId
```

```
$sourceClusterId -SnapshotResourceGroupId $snapshotResourceGroupId -FriendlyName "aks-cluster-friendlyName"  
-BackupConfiguration $backupConfig  
$instance
```

----- EXAMPLE 3 -----

```
PS C:\>$vault = Get-AzDataProtectionBackupVault -SubscriptionId "xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"  
-ResourceGroupName "resourceGroupName" -VaultName "vaultName"
```

```
$pol = Get-AzDataProtectionBackupPolicy -SubscriptionId "xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx" -VaultName  
"vaultName" -ResourceGroupName "resourceGroupName" -Name  
"policyName"
```

```
$datasourceId =
```

```
"/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/rgName/providers/Microsoft.DBforPostgreSQL/flexi  
bleServers/test-pgflex"
```

```
$backupInstanceClientObject = Initialize-AzDataProtectionBackupInstance -DatasourceType  
AzureDatabaseForPGFlexServer -DatasourceLocation $vault.Location -PolicyId
```

```
$pol[0].Id -DatasourceId $datasourceId
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.dataprotection/initialize-azdataprotectionbackupinstance>