

Build-Azure-SQL-DB-Inventory-with-Power Shell

- Free to use to build inventory for Azure SQL Databases running in DTU Model
- Script has been tested against the Azure SQL Databases in case there is a Dedicated Synapse SQL Pool Hosted on same logical Server mention in Exclude DB List

Select Subscription from the List

\$Subscription = Get-AzSubscription Out-GridView -OutputMode 'Single'			
Filter			
+ Add criteria ▾			
Name	Id	TenantId	State
Microsoft Azure Internal Consumption	5b300c	72f9f	Enabled

Select Multiple Logical SQL Server

\$AzSqlServer = Get-AzSqlServer Out-GridView -OutputMode Multiple							
Filter							
+ Add criteria ▾							
ResourceGroupName	ServerName	Location	SqlAdministratorLogin	SqlAdministratorPassword	ServerVersion	Ta...	Identi
synapseworkspace-	dumy12345	eastus			12.0	()	
AzureSQL	insysqlserver	eastus			12.0	()	
AzureSQL	rsazuresqlserver	eastus2			12.0	()	Micro
synapseworkspace-i	workshopplusworkspace	eastus2			12.0	()	

\$OutData Out-GridView					
Filter					
+ Add criteria ▾					
ServerName	DatabaseName	UsedSpace	UsedSpaceProcentage	AllocatedSpace	MaximumStorageSize
insysqlserver	OriginDB	0.02	0	0.03	250
insysqlserver	RemoteDB	0.02	1	0.03	2
insysqlserver	TEST01	0.12	0	0.12	32
insysqlserver	TEST02	0.10	0	0.11	32
rsazuresqlserver	AppOne	0.02	0	0.03	32
rsazuresqlserver	IS-Intranet-Grant-DB-Test	0.01	0	0.03	250
rsazuresqlserver	OriginDB	0.02	0	0.03	250
rsazuresqlserver	OriginDB_TEMP_R	0.01	0	0.03	32
rsazuresqlserver	PoolDB2	0.02	0	0.03	32
rsazuresqlserver	Rakesh4ElasticJob	0.02	0	0.03	32
rsazuresqlserver	RemoteDB	0.01	0	0.03	250
rsazuresqlserver	RemoteDB_TEMP_R	0.01	0	0.03	32

```
CREATE TABLE TBL_AZSQL_INVENTORY
(
  ServerName varchar(300),
  DatabaseName varchar(200),
  UsedSpace float,
  UsedSpacePer float,
  AllocatedSpace float,
  MaxStorageSoze float,
  CaptureDateTime varchar(100)
)
```

```
select * from TBL_AZSQL_INVENTORY
```

	ServerName	DatabaseName	UsedSpace	UsedSpacePer	AllocatedSpace	MaxStorageSoze	CaptureDateTime
4	insysqlserver	TEST02	0.1	0	0.11	32	11/12/2021 05:18:58 PM
5	rsazuresqlserver	AppOne	0.02	0	0.03	32	11/12/2021 05:19:08 PM
6	rsazuresqlserver	IS-Intranet-Grant-DB-Test	0.01	0	0.03	250	11/12/2021 05:19:18 PM
7	rsazuresqlserver	OriginDB	0.02	0	0.03	250	11/12/2021 05:19:28 PM
8	rsazuresqlserver	OriginDB_TEMP_R	0.01	0	0.03	32	11/12/2021 05:19:39 PM
9	rsazuresqlserver	PoolDB2	0.02	0	0.03	32	11/12/2021 05:19:46 PM
10	rsazuresqlserver	RemoteDB	0.01	0	0.03	250	11/12/2021 05:19:56 PM
11	rsazuresqlserver	RemoteDB_TEMP_R	0.01	0	0.03	32	11/12/2021 05:20:04 PM
12	insysqlserver	OriginDB	0.02	0	0.03	250	11/12/2021 05:33:44 PM
13	insysqlserver	RemoteDB	0.02	1	0.03	2	11/12/2021 05:33:52 PM
14	insysqlserver	TEST01	0.12	0	0.12	32	11/12/2021 05:34:00 PM
15	insysqlserver	TEST02	0.1	0	0.11	32	11/12/2021 05:34:08 PM
16	rsazuresqlserver	AppOne	0.02	0	0.03	32	11/12/2021 05:34:18 PM
17	rsazuresqlserver	IS-Intranet-Grant-DB-Test	0.01	0	0.03	250	11/12/2021 05:34:27 PM
18	rsazuresqlserver	OriginDB	0.02	0	0.03	250	11/12/2021 05:34:34 PM
19	rsazuresqlserver	OriginDB_TEMP_R	0.01	0	0.03	32	11/12/2021 05:34:42 PM
20	rsazuresqlserver	PoolDB2	0.02	0	0.03	32	11/12/2021 05:34:51 PM
21	rsazuresqlserver	Rakesh4ElasticJob	0.02	0	0.03	32	11/12/2021 05:34:59 PM
22	rsazuresqlserver	RemoteDB	0.01	0	0.03	250	11/12/2021 05:35:07 PM
23	rsazuresqlserver	RemoteDB_TEMP_R	0.01	0	0.03	32	11/12/2021 05:35:16 PM