Build Azure SQL DB Inventory with Power Shell

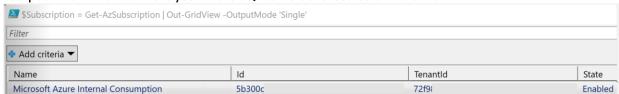
Note: Script is Free to use to build inventory for Azure SQL Databases running in DTU Model

Script has been tested against the Azure SQL Databases; in case there is a Dedicated Synapse SQL Pool Hosted on same logical Server make sure those databases must be excluded in Power-Shell script.

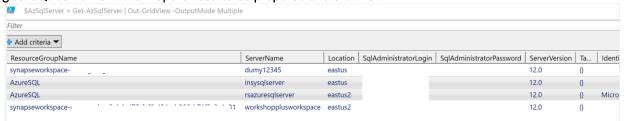
Create an Inventory Table in the Database in the Inventory Database

```
CREATE TABLE TBL AZSQL INVENTORY
ServerName varchar(300)
DatabaseName varchar(200),
Location varchar(100)
Collation varchar(200)
Edition varchar(200),
CreationDate varchar(50),
CurrentServiceObjectiveName varchar(100),
SkuName varchar(100),
EarliestRestoreDate varchar(50),
DBstatus varchar(100),
UsedSpace float,
UsedSpacePer float,
AllocatedSpace float,
MaxStorageSize float,
CaptureDateTime varchar(50)
```

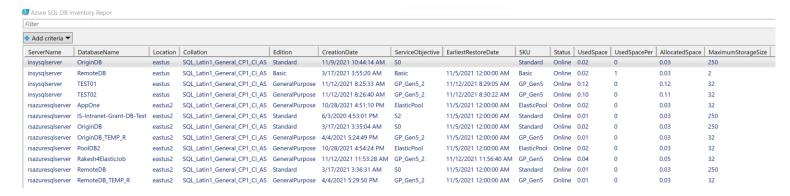
Select Subscription from the List where your Azure SQL Servers are located and click "OK"



Select Logical SQL Server for which report need to be prepared and click "OK"



Once the execution complete a report will be displayed and the same information will be pushed to the Inventory Database inside the table created in above section.



SQL DB Inventory Stored in Local Repository

II Re	Results @ Messages														
	ServerName	DatabaseName	Location	Collation	Edition	CreationDate	CurrentServiceObjectiveName	SkuName	EarliestRestoreDate	DBstatus	UsedSpace	UsedSpacePer	AllocatedSpace	MaxStorageSize	CaptureDateTime
	insysqlserver	OriginDB	eastus	SQL_Latin1_General_CP1_CI_AS	Standard	11/09/2021 10:44:14	S0	Standard		Online	0.02	0	0.03	250	11/12/2021 06:57:47 PM
	insysqlserver	RemoteDB	eastus	SQL_Latin1_General_CP1_CI_AS	Basic	03/17/2021 03:55:20	Basic	Basic	11/05/2021 00:00:00	Online	0.02	1	0.03	2	11/12/2021 06:58:02 PM
	insysqlserver	TEST01	eastus	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	11/12/2021 08:25:33	GP_Gen5_2	GP_Gen5	11/12/2021 08:29:05	Online	0.12	0	0.12	32	11/12/2021 06:58:22 PM
	insysqlserver	TEST02	eastus	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	11/12/2021 08:26:40	GP_Gen5_2	GP_Gen5	11/12/2021 08:30:22	Online	0.1	0	0.11	32	11/12/2021 06:58:33 PM
	rsazuresqlserver	AppOne	eastus2	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	10/28/2021 16:51:10	ElasticPool	ElasticPool	11/05/2021 00:00:00	Online	0.02	0	0.03	32	11/12/2021 06:58:50 PM
	rsazuresqlserver	IS-Intranet-Grant-DB-Test	eastus2	SQL_Latin1_General_CP1_CI_AS	Standard	06/03/2020 16:53:01	S2	Standard	11/05/2021 00:00:00	Online	0.01	0	0.03	250	11/12/2021 06:59:04 PM
	rsazuresqlserver	OriginDB	eastus2	SQL_Latin1_General_CP1_CI_AS	Standard	03/17/2021 03:35:04	S0	Standard	11/05/2021 00:00:00	Online	0.02	0	0.03	250	11/12/2021 06:59:13 PM
	rsazuresqlserver	OriginDB_TEMP_R	eastus2	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	04/04/2021 17:24:49	GP_Gen5_2	GP_Gen5	11/05/2021 00:00:00	Online	0.01	0	0.03	32	11/12/2021 06:59:45 PM
	rsazuresqlserver	PoolDB2	eastus2	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	10/28/2021 16:54:24	ElasticPool	ElasticPool	11/05/2021 00:00:00	Online	0.02	0	0.03	32	11/12/2021 06:59:56 PM
0	rsazuresqlserver	Rakesh4ElasticJob	eastus2	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	11/12/2021 11:53:28	GP_Gen5_2	GP_Gen5	11/12/2021 11:56:40	Online	0.04	0	0.05	32	11/12/2021 07:00:07 PM
1	rsazuresqlserver	RemoteDB	eastus2	SQL_Latin1_General_CP1_CI_AS	Standard	03/17/2021 03:36:31	S0	Standard	11/05/2021 00:00:00	Online	0.01	0	0.03	250	11/12/2021 07:00:18 PM
2	rsazuresqlserver	RemoteDB_TEMP_R	eastus2	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	04/04/2021 17:29:50	GP_Gen5_2	GP_Gen5	11/05/2021 00:00:00	Online	0.01	0	0.03	32	11/12/2021 07:00:28 PM
3	insysqlserver	OriginDB	eastus	SQL_Latin1_General_CP1_CI_AS	Standard	11/09/2021 10:44:14	S0	Standard		Online	0.02	0	0.03	250	11/12/2021 07:06:13 PM
4	insysqlserver	RemoteDB	eastus	SQL_Latin1_General_CP1_CI_AS	Basic	03/17/2021 03:55:20	Basic	Basic	11/05/2021 00:00:00	Online	0.02	1	0.03	2	11/12/2021 07:06:21 PM
5	insysqlserver	TEST01	eastus	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	11/12/2021 08:25:33	GP_Gen5_2	GP_Gen5	11/12/2021 08:29:05	Online	0.12	0	0.12	32	11/12/2021 07:06:29 PM
6	insysqlserver	TEST02	eastus	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	11/12/2021 08:26:40	GP_Gen5_2	GP_Gen5	11/12/2021 08:30:22	Online	0.1	0	0.11	32	11/12/2021 07:06:39 PM
7	rsazuresqlserver	AppOne	eastus2	SQL_Latin1_General_CP1_CI_AS	GeneralPurpose	10/28/2021 16:51:10	ElasticPool	ElasticPool	11/05/2021 00:00:00	Online	0.02	0	0.03	32	11/12/2021 07:06:50 PM
В	rsazuresqlserver	IS-Intranet-Grant-DB-Test	eastus2	SQL_Latin1_General_CP1_CI_AS	Standard	06/03/2020 16:53:01	S2	Standard	11/05/2021 00:00:00	Online	0.01	0	0.03	250	11/12/2021 07:06:58 PM

Query executed successfully.

MININT-B7K1QNM\SQL01 (13.0 ... FAREAST\rakshar (55) GET_AZURESQL_STATS 00:00:00 18 rows