

Automated backups

Last updated by | Francisco Javier Pardillo Martin | Oct 18, 2022 at 2:50 AM PDT

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Public Doc Reference

[Backup and restore in Azure Database for PostgreSQL - Flexible Server](#) 

Analysis

Check backup information from ASC:

Microsoft.DBforPostgreSQL/flexibleServers

PropertiesConnectivityPerfQuery Store PerfIncident Helper (P42)OperationSandboxServer ParametersBackupRestoreHAStorageCustomer MaintenanceCustomer Facing Metrics: Platform MetricsCustomer Facing Metrics: Burstable SKU MetricsCustomer Facing Metrics: Storage MetricsCustomer Facing Metrics: Connectivity & NetworkingInformationMigrationsInsightsResource Change HistoryAccess ControlAzure Monitor MetricsHealth

Date Time Range (UTC)

09/20/2022 at 14:30 - 09/20/2022 at 14:55 UTC

Run






Backup History

WAL Files to Upload (Server: fpgflex)

Backup History

Backup History (SERVER: fpgflex)

Drag a column header and drop it here to group by that column

	BackupStartTime	BackupEndTime	BackupDurationInMinutes	EndStatus	
+	2022-09-20 14:52:28	2022-09-20 14:52:28	0	Unknown	
+	2022-09-20 14:47:32	2022-09-20 14:50:58	3.43	Unknown	
+	2022-09-20 14:42:35	2022-09-20 14:42:35	0	Unknown	
+	2022-09-20 14:37:32	2022-09-20 14:37:32	0	Unknown	
+	2022-09-20 14:32:35	2022-09-20 14:32:35	0	Unknown	

1 < 1 > >|

5 items per page

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WAL Files to Upload (Server: fpgflex)

WAL Files to Upload

(Query ran successfully, but returned 0 rows. If desired, use the Kusto Query link on the right to re-run the query.)

Check backup information from Jarvis:

- Taking the Jarvis link from ASC:

Microsoft.DBforPostgreSQL/flexibleServers

Properties Connectivity Perf Query Store Perf Incident Helper (P42) Operation Sandbox Server Parameters Backup Restore HA Storage Customer Maintenance Customer Facing Metrics: Platform Metrics

Customer Facing Metrics: Burstable SKU Metrics Customer Facing Metrics: Storage Metrics Customer Facing Metrics: Connectivity & Networking **Information** Migrations Insights Resource Change History Access Control

Azure Monitor Metrics Health

Date Time Range (UTC)
10/17/2022 at 11:45 - 10/18/2022 at 11:45 UTC Run

Telemetry

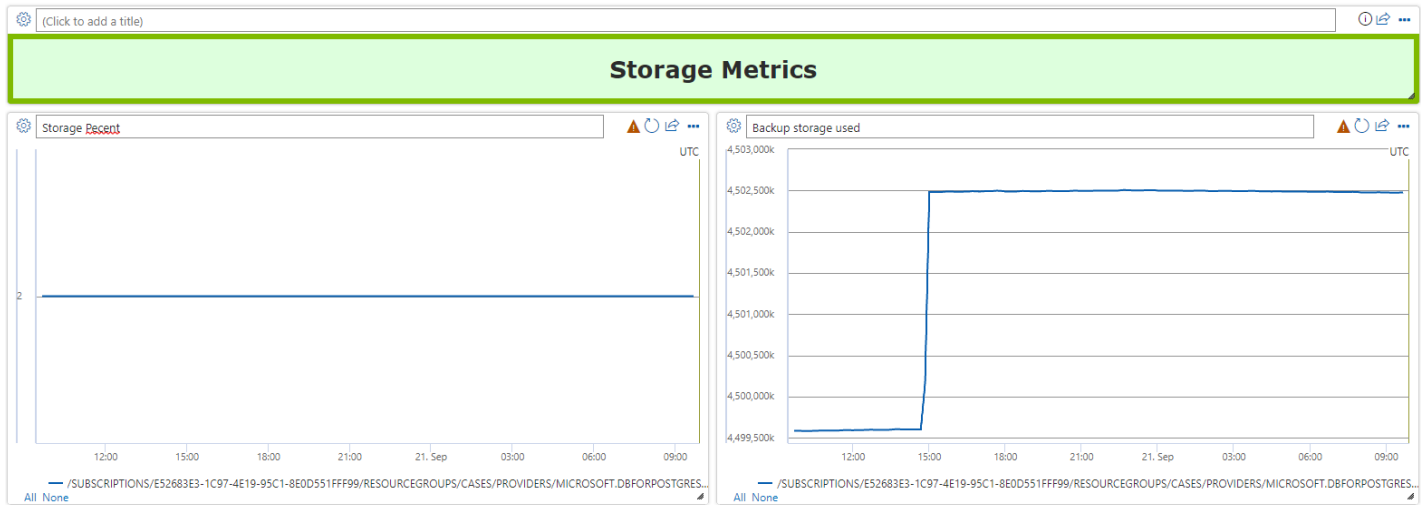
Customer Facing Metrics Including: Connectivity & Networking (Failed/Succeeded/Active Connections, Max Used Transaction IDs, Network Bytes Egress/Ingress), Platform (CPU, Memory, Read/Write IOPS, Read/Write Throughput, Queue Depth), Burstable SKU (CPU Credit Consumed/Remaining), Storage (Used/Free Storage, Backup/Transaction Logs Storage Used) (SERVER: fpgflex)

Drag a column header and drop it here to group by that column

Property/Name	Property/Value
Metrics Link	https://jarvis-west.dc.ad.msft.net/dashboard/MicrosoftSqlElasticServersShoebow/FlexibleServerReports/Customer%2520Facing%2520Metrics?overrides=[%22query%22:%22//dataSources%22,%22key%22:%22account%22,%22replacement%22:%22MicrosoftDBForPGFlexShoebow...[%22query%22:%22//%22[id=%27ResourceId%27]%22,%22key%22:%22value%22,%22replacement%22:%22SUBSCRIPTIONS/E52683E3-1C97-4E19-95C1-8E0D551FFF99/RESOURCEGROUPS/CASES/PROVIDERS/MICROSOFT.DBFORPOSTGRESQL/FLEXIBLESERVERS/FPGLFLEX%22)%20&globalStartTime=1665999900000&globalEndTime=1666086300000&pinGlobalTimeRange=true

1 - 1 of 1 items

- Javis:



Check snapshot backups from Kusto:

```
let STARTTIME_ARG = datetime('2022-09-20 14:30:40');
let ENDTIME_ARG = datetime('2022-09-20 15:10:40');
let SERVERNAME_ARG = 'fpgflex';
MonOBDirectorV2ActorEvents
| where ServerName == SERVERNAME_ARG
| where ReplicationRole == 'Primary'
| where ActorName == 'DataBackupActor'
| where originalEventTimestamp >= STARTTIME_ARG and originalEventTimestamp <= ENDTIME_ARG
| summarize count_total = count(),
    arg_min(BackupStartTime = PreciseTimeStamp, StartMessage = Message, StartStatus = Status)
    arg_max(BackupEndTime = PreciseTimeStamp, EndMessage = Message, EndStatus = Status)
    by IterationId
```

cluster('sqlazurereu2.kustomfa.windows.net').database()

```

1 let STARTTIME_ARG = datetime('2022-09-20 14:30:40');
2 let ENDTIME_ARG = datetime('2022-09-20 15:10:40');
3 let SERVERNAME_ARG = 'fpgflex';
4 MonOBDirectorV2ActorEvents
5 | where ServerName == SERVERNAME_ARG
6 | where ReplicationRole == 'Primary'
7 | where ActorName == 'DataBackupActor'
8 | where originalEventTimestamp >= STARTTIME_ARG and originalEventTimestamp <= ENDTIME_ARG
9 | summarize count_total = count(),
10 | arg_min(BackupStartTime = PreciseTimeStamp, StartMessage = Message),
11 | arg_max(BackupEndTime = PreciseTimeStamp, EndMessage = Message)
12 by IterationId

```

IterationId	count_total	StartMessage	EndMessage
5C755981-3498-4468-B4E1-998983A397C7	2	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:32:27]. Backups Exist from : [9/19/2022 2:50:26 PM +00:00] Next Snapshot not before : [9/20/2022 2:50:26 PM +00:00]	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:32:27]. Backups Exist from : [9/19/2022 2:50:26 PM +00:00] Next Snapshot not before : [9/20/2022 2:50:26 PM +00:00]
D255277D-AD63-4DCB-9D17-BAD6D7122EE	2	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:37:27]. Backups Exist from : [9/19/2022 2:50:26 PM +00:00] Next Snapshot not before : [9/20/2022 2:50:26 PM +00:00]	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:37:27]. Backups Exist from : [9/19/2022 2:50:26 PM +00:00] Next Snapshot not before : [9/20/2022 2:50:26 PM +00:00]
3A5D768F-37A3-42B2-A796-0C44381908CE	2	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:42:27]. Backups Exist from : [9/19/2022 2:50:26 PM +00:00] Next Snapshot not before : [9/20/2022 2:50:26 PM +00:00]	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:42:27]. Backups Exist from : [9/19/2022 2:50:26 PM +00:00] Next Snapshot not before : [9/20/2022 2:50:26 PM +00:00]
C176E4E6-B887-4A90-9CAF-01867AB4F12E	83	ShouldRun: A scheduled backup was due at [9/20/2022 2:50:26 PM +00:00]. Taking a backup.	SetAvailableSnapshotSkuForRegion: Choosing Precomputed SnapshotStorageAccountTypes[Standard_ZRS]
D6688F0C-2504-40A6-9454-4B23502CECA1	2	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:52:28]. Backups Exist from : [9/20/2022 2:50:45 PM +00:00] Next Snapshot not before : [9/21/2022 2:50:45 PM +00:00]	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:52:28]. Backups Exist from : [9/20/2022 2:50:45 PM +00:00] Next Snapshot not before : [9/21/2022 2:50:45 PM +00:00]
9AEABDCA-0333-4D7C-955D-A853154D4A1D	2	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:57:28]. Backups Exist from : [9/20/2022 2:50:45 PM +00:00] Next Snapshot not before : [9/21/2022 2:50:45 PM +00:00]	ShouldRun: Too Early To Take A Backup At [2022-09-20T14:57:28]. Backups Exist from : [9/20/2022 2:50:45 PM +00:00] Next Snapshot not before : [9/21/2022 2:50:45 PM +00:00]
D675CD26-0795-4711-8EA6-1FB9D8A54F95	2	ShouldRun: Too Early To Take A Backup At [2022-09-20T15:02:28]. Backups Exist from : [9/20/2022 2:50:45 PM +00:00] Next Snapshot not before : [9/21/2022 2:50:45 PM +00:00]	ShouldRun: Too Early To Take A Backup At [2022-09-20T15:02:28]. Backups Exist from : [9/20/2022 2:50:45 PM +00:00] Next Snapshot not before : [9/21/2022 2:50:45 PM +00:00]
BD743F0C-D94E-4C11-928D-3FB082993D63	2	ShouldRun: Too Early To Take A Backup At [2022-09-20T15:07:28]. Backups Exist from : [9/20/2022 2:50:45 PM +00:00] Next Snapshot not before : [9/21/2022 2:50:45 PM +00:00]	ShouldRun: Too Early To Take A Backup At [2022-09-20T15:07:28]. Backups Exist from : [9/20/2022 2:50:45 PM +00:00] Next Snapshot not before : [9/21/2022 2:50:45 PM +00:00]

Here you can see multiple messages: "Too Early To Take A Backup ...". When backup needs to be taken, then you can see "Taking a backup" and the type of redundancy, in this example: "Standard_ZRS".

How good have you found this content?

