

Dropped Database Restore

Last updated by | Keith Elmore | Apr 5, 2021 at 7:56 AM PDT

Contents

- Dropped database restore failures

Tuesday, June 7, 2016 3:42 PM

Issue

Point-in-time restore of a dropped database is a self-service operation for the for the customer.

Links

Deleted database restore	restore	Portal: https://docs.microsoft.com/en-us/azure/sql-database/sql-database-recovery-using-backups#deleted-database-restore PowerShell: https://docs.microsoft.com/en-us/powershell/module/azurerm.sql/restore-azurerm.sql/database?view=azurerm-ps-4.0.0	PowerShell: pass in -FromDeletedDatabaseBackup parameter If customer want to choose PITR time, they have to use PowerShell by giving both -DeletionDate and -PointInTime parameters In case of a db rename, customer just needs to use the current name of the database with the requested PIT.
--------------------------	---------	--	---

To do

In case where customer changed the name of the database before dropping it, use the new name for above cmdlets. For any failures, file incident to Backup/restore team - noting why the customer was not able to self service

Dropped database restore failures

If a customer attempts the steps above to restore a dropped database but it fails check the reason in the SterlingRestoreRequests XTS view.

If it is, "Target server <Servername> does not have access to all AKV Uris created between <Timestamp #1> and <Timestamp #2>". Please retry operation after restoring all AKV Uris." then follow the workflow below.

error_code	error_severity	error_message	opr
1300002	16	Target server sstbiitb01gacrxcwe3srex does not have access to all AKV Uris created between 12/14/2018 12:04:32 AM (UTC) and 12/14/2018 7:44:52 AM (UTC). Please retry operation after restoring all AKV Uris.	<Ir
1300002	16	Target server sstbiitb01gacrxcwe3srex does not have access to all AKV Uris created between 12/14/2018 12:04:32 AM (UTC) and 12/14/2018 7:44:52 AM (UTC). Please retry operation after restoring all AKV Uris.	<Ir
1300002	16	Target server sstbiitb01gacrxcwe3srex does not have access to all AKV Uris created between 12/14/2018 12:04:32 AM (UTC) and 12/14/2018 7:44:52 AM (UTC). Please retry operation after restoring all AKV Uris.	<Ir

The reason for this error was that the customer had inadvertently removed the Azure SQL Server identity from the key vault, and as a result TDE stopped working and the databases were automatically dropped. This reason also meant that the databases couldn't then be restored.

To allow it to work the customer had to run this PowerShell cmdlet:

```
Get-AzureRmSqlServerKeyVaultKey -ServerName <LogicalServerName> -ResourceGroup <SQLDatabaseResourceGroupName>
```

From <<https://docs.microsoft.com/en-us/azure/azure-sql/database/transparent-data-encryption-byok-overview#database-backup-and-restore-with-customer-managed-tde>>

Once that was done they were able to restore their dropped databases successfully.

How good have you found this content?

