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**DATA RESTORATION STEPS:**

Refer to [Data Restoration](https://toyotafinancialsg.sharepoint.com/sites/TFSSG-IT/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FTFSSG%2DIT%2FShared%20Documents%2FSecurity%2FISO%20Plan%20Evidence%2FFY22%2F178%5FTesting%20Data%20Restoration&viewid=443e1d36%2De0a6%2D4fc8%2D89c9%2Dafacedc315f8) document for the steps:

1. Login to UAT Database VM:

|  |  |
| --- | --- |
| Login | Password |
| sa | NYD2Cu4TLyRRjap3 |

Graphical user interface, text, application, email

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1. On the VM, open the Azure portal and download the latest production backup and save to C:\TFSSG\test-data-restoration folder:

Graphical user interface, text, application, email

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Download the latest backup from [Azure portal](https://portal.azure.com/#view/Microsoft_Azure_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2F6942c78a-4c5c-4ff1-a2ce-f34ee3a2dc56%2FresourceGroups%2FTFSSG%2Fproviders%2FMicrosoft.Storage%2FstorageAccounts%2Ftfssgbackup/path/database-backup-prd/etag/%220x8D8D181FBA076C0%22/defaultEncryptionScope/%24account-encryption-key/denyEncryptionScopeOverride~/false/defaultId//publicAccessVal/None)

Go to [Azure Home](https://portal.azure.com/#home)> Search for [Storage Accounts](https://portal.azure.com/#view/HubsExtension/BrowseResource/resourceType/Microsoft.Storage%2FStorageAccounts)> Click tfssgbackup> Click containers> [database-backup-prd](https://portal.azure.com/#view/Microsoft_Azure_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2F6942c78a-4c5c-4ff1-a2ce-f34ee3a2dc56%2FresourceGroups%2FTFSSG%2Fproviders%2FMicrosoft.Storage%2FstorageAccounts%2Ftfssgbackup/path/database-backup-prd/etag/%220x8D8D181FBA076C0%22/defaultEncryptionScope/%24account-encryption-key/denyEncryptionScopeOverride~/false/defaultId//publicAccessVal/None)> Search for TKYC\_backup\_2022\_> Download the latest backup on the list

Graphical user interface, application

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To Create the Backup:

1. Right click databases>Restore database

Graphical user interface, application

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1. Select Device and choose the backup file just saved> click Add

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If required, go to TKYC\_PRD\_backup\_200622> Security>and delete the user tkyc\_adm

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After UAT data restore, go to Security>Logins>tkyc\_adm

Graphical user interface, text, application

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Go to User Mapping> Select the name of the backup (TKYC\_PRD\_Backup\_200622)

Enter user as tkyc\_adm and default schema as dbo.

Ensure that the database role membership is checked for db\_owner.

Click OK.

Graphical user interface, application

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TKYC\_PRD\_Backup\_200622 (backup name)

STEP 4:

**To Test** if the backup was successful, run few queries between PRD database and UAT Backup restored:

1. Open UAT Database and Open the database TKYC\_PRD\_Backup\_200622

Run query:

select \* from ApplicationForms

Run the query below on PRD TKYC database:

select \* from ApplicationForms where CreatedDate<’2022-MM-dd HH:mm:ss’

As the date time was saved in UTC, deduct 8 hours for SGT.

e.g. 2022-09-04 09:00:00 UTC = 2022-09-04 17:00:00 SGT (use UTC in the query above)

