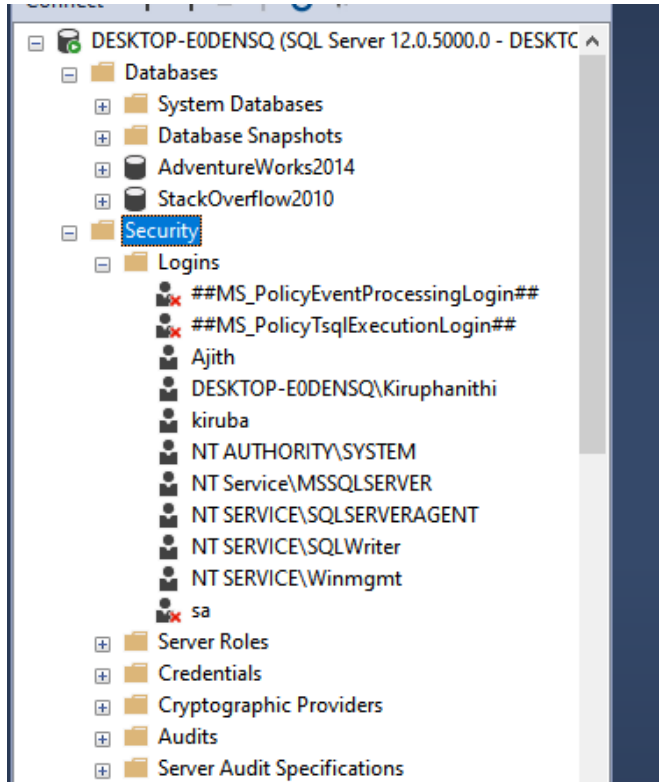
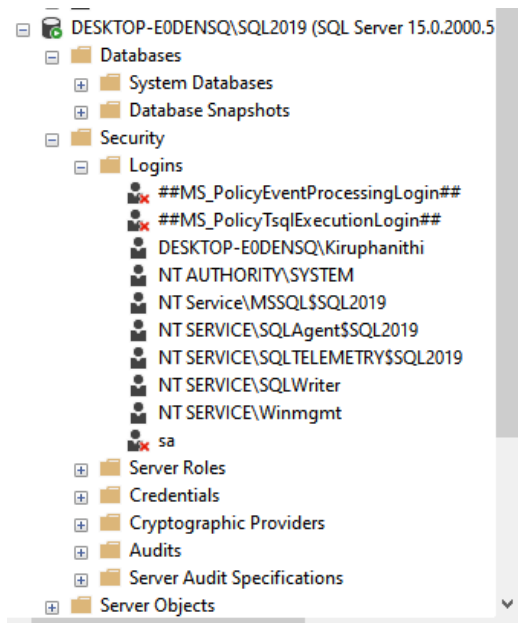


Migration Database and Logins Using DMA Tool.

SQL server 2014 instance Interface before migration



SQL server 2019 Interface before migration



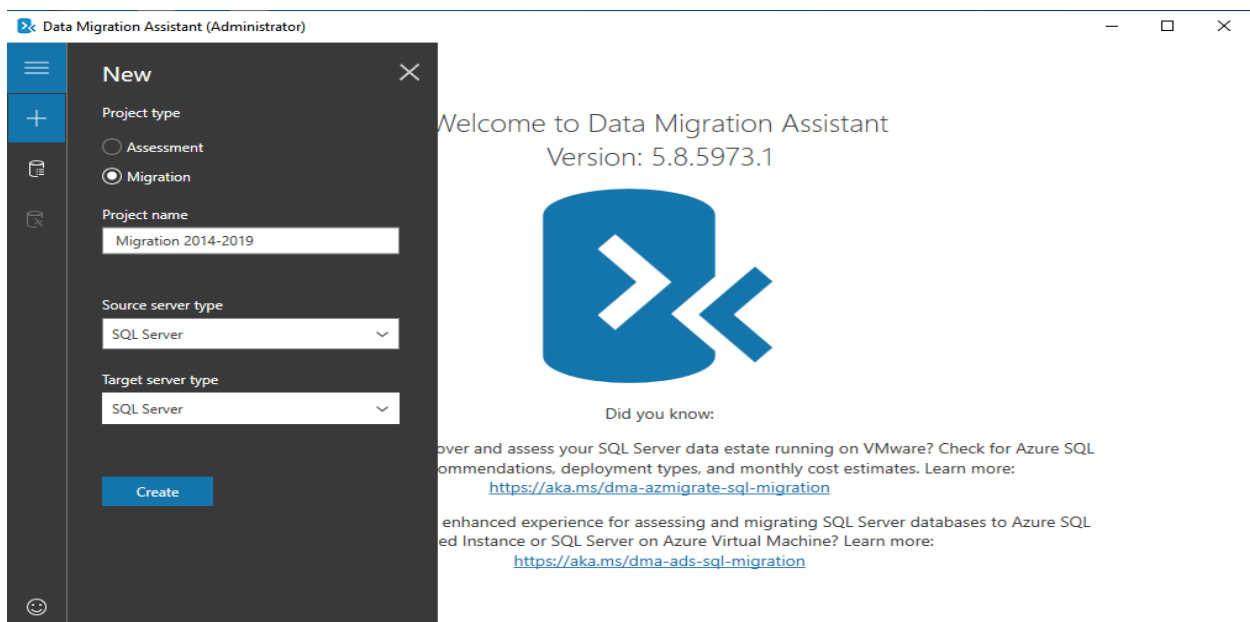
Open DMA Tool

*Name the Project.

*Select Source Server.

*Select Target Server.

--Create



*Enter Source and Target Server name.

*Select the Authentication Type.

*Unselect Encrypt Connection.

Data Migration Assistant (Administrator)

Migration 2014-2019

1 Specify source & target 2 Add databases 3 Select logins 4 View results

Source server details

Server name
DESKTOP-E0DENSQ

Authentication type
Windows Authentication

Connection properties

☐ Encrypt connection
☐ Trust server certificate

Source SQL Server permissions
Credentials used to connect to source SQL Server instance must have CONTROL SERVER permission.

Target server details

Server name
DESKTOP-E0DENSQ\SQL2019

Authentication type
Windows Authentication

Connection properties

☐ Encrypt connection
☐ Trust server certificate

Target SQL Server permissions
Credentials used to connect to target SQL Server instance must be a member of the sysadmin server role.

Next

*Select the database which you need to migrate.

*Enter the Backup share Location.

*Enter the Data and Log File location that the Backup will store.

Data Migration Assistant (Administrator)

Migration 2014-2019

1 Specify source & target 2 Add databases 3 Select logins 4 View results

Source server
DESKTOP-E0DENSQ
SQL Server 2014

Target server
DESKTOP-E0DENSQ\SQL2019
SQL Server 2019

☒ DESKTOP-E0DENSQ (2)

☒ AdventureWorks2014
☒ StackOverflow2010

DESKTOP-E0DENSQ

Shared location accessible by source and target servers for backup operation.**
\\DESKTOP-E0DENSQ\Backup2

☐ Copy the database backups to a different location that the target server can read and restore from

Specify the location to restore data files on the target server
D:\Backup Target\Data\

Specify the location to restore log files on the target server
D:\Backup Target\Log\

****Backup folder permissions**
Service account running source SQL Server instance must have write privileges on the network location. Service account running target SQL Server instance must have read privileges on the network location.

Back Next

*Select what are the logins we need to transfer.

---Start Migration.

Data Migration Assistant (Administrator)

Migration 2014-2019

1 Specify source & target ✓ 2 Add databases ✓ 3 Select logins 4 View results

Source server: DESKTOP-E0DENSQ, SQL Server 2014
Target server: DESKTOP-E0DENSQ\SQL2019, SQL Server 2019

Selected Logins (2/5)

<input type="checkbox"/>	Login name	Login type	Default database	Source status	Ready to move
<input checked="" type="checkbox"/>	Ajith	SQL	master	Enabled	OK
<input checked="" type="checkbox"/>	kiruba	SQL	master	Enabled	OK
<input type="checkbox"/>	DESKTOP-E0DENSQ\Kirupha...	Windows	master	Enabled	Login already exists, only securables migrated and orphan use...
<input type="checkbox"/>	##MS_PolicyEventProcessing...	SQL	master	Disabled	No: Created by a SQL component.
<input type="checkbox"/>	##MS_PolicyTsqlExecutionLo...	SQL	master	Disabled	No: Created by a SQL component.

After the migration is complete, remember to validate your logins and the permissions on the securables associated with those logins.

Back Start Migration

Data Migration Assistant (Administrator)

Migration 2014-2019

1 Specify source & target ✓ 2 Add databases ✓ 3 Select logins ✓ 4 View results

4 Server objects In-progress 0 Successful 0 Warnings 0 Failed

Source server: DESKTOP-E0DENSQ, SQL Server 2014
Target server: DESKTOP-E0DENSQ\SQL2019, SQL Server 2019

Databases (2)

Status	Database name	Migration details
	AdventureWorks2014	4 of 6 Restoring database at destination
	StackOverflow2010	2 of 6 Backing up source database

Logins (2)

Migration in-progress 0h 0m 22s Export report

Data Migration Assistant (Administrator)

Migration 2014-2019

1 Specify source & target ✓ 2 Add databases ✓ 3 Select logins ✓ 4 View results

4 Server objects 0 In-progress 4 Successful 0 Warnings 0 Failed

Source server: DESKTOP-E0DENSQ SQL Server 2014
Target server: DESKTOP-E0DENSQ\SQL2019 SQL Server 2019

▼ Databases (2)

Status	Database name	Migration details
✓	AdventureWorks2014	Migration successful. Duration: 0 hrs 3 mi...
✓	StackOverflow2010	Migration successful. Duration: 0 hrs 11...

► Logins (2)

Migration complete. Duration: 0h 11m 47s [Export report](#)

Data Migration Assistant (Administrator)

Migration 2014-2019

1 Specify source & target ✓ 2 Add databases ✓ 3 Select logins ✓ 4 View results

4 Server objects 0 In-progress 4 Successful 0 Warnings 0 Failed

Source server: DESKTOP-E0DENSQ SQL Server 2014
Target server: DESKTOP-E0DENSQ\SQL2019 SQL Server 2019

► Logins (2)

Status	Login name	Login type	Migration details
✓	Ajith	SQL	Migration successful. Duration: 0 hrs 0 mi...
✓	kiruba	SQL	Migration successful. Duration: 0 hrs 0 mi...

Migration complete. Duration: 0h 11m 47s [Export report](#)

Completed.

2019 Instance After DB and Logins Migration.

