In-Place upgrade from SQL Server 2017 to SQL Server 2019

Document Summary: The below document helps for the InPlace upgrade of existing AOAG 2017

NOTE: Below Pre-Requisites are Mandatory for the Data Recovery and Smooth In-Place upgrade of SQL Server 2017 to SQL Server 2019

1. Verify that backups and Log backups exist for all databases (user and system). Verify that these backups can be restored.

2. Make sure you have Admin Rights over the Instances for proper Installation (To avoid Access Denied issues)

3. Make sure you script out all important SQL Server Jobs, SQL Server Logins

4. Make sure you script out all Transactional Replication Jobs, Publishers, Subscribers etc ...

5. Script out any and all necessary system objects.

6. Script out any and all necessary SSIS packages (either from MSDB or as flat files).

NOTE: USE ONLY the upper version ConfigurationFile.ini in case of "/ACTION = UPGRADE"

NOTE: During InPlace Upgrade below ConfigurationFile.ini Parameters are NOT accepted & make sure they are either MANDATORY DELETED or COMMENTED

1.The /IAcceptSQLServerLicenseTerms command line parameter is missing or has not been set to true. It is a required parameter for the setup action you are running.

The setting

FEATURES, INSTALLSHAREDDIR, INSTALLSHAREDWOWDIR, INSTANCEDIR, AGTSVCACCOUNT, AGTSVCSTARTUPTYPE, COMMFABRICPORT, COMMFABRICNETWORKLEVEL, COMMFABRICENCRYPTION, MATRIXCMBRICKCOMMPORT, SQLSVCSTARTUPTYPE, FILESTREAMLEVEL, SQLMAXDOP, SQLMAXMEMORY, SQLMINMEMORY, ENABLERANU, SQLCOLLATION, SAPWD SQLSVCACCOUNT, SQLSVCINSTANTFILEINIT, SQLSYSADMINACCOUNTS, SQLTEMPDBFILECOUNT SQLTEMPDBFILESIZE, SQLTEMPDBLOGFILEGROWTH, ADDCURRENTUSERASSQLADMIN, TCPENABLED, TCPENABLED, NPENABLED, BROWSERSVCSTARTUPTYPE

is not allowed when the value of setting 'ACTION' is 'Upgrade'.