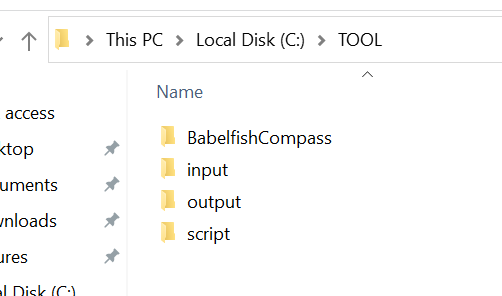
**Pre-requisites for running the tool**

1. **Copy the code to** c:\tool folder

****

1. **Install-Module -Name SqlServer -Force**

Install-Module -Name SqlServer -Force -AllowClobber

1. **JRE 8+ version for babelfish compass to run**
2. **Ensure SQL Authentication is enabled on each server. Below login needs to be created in each SQL Server to be able to connect and run the compass and script.**
3. **Set-ExecutionPolicy RemoteSigned -Scope CurrentUser - helps to change path and run babelfish commands**

Use master

go

-- Create login

CREATE LOGIN compass\_user WITH PASSWORD = 'C0mp@ss#123';

-- Grant server level permissions

GRANT VIEW SERVER STATE TO compass\_user;

GRANT VIEW ANY DEFINITION TO compass\_user;

GRANT VIEW ANY DATABASE TO compass\_user;

-- For each database you want to assess

USE [YourDatabaseName];

CREATE USER compass\_user FOR LOGIN compass\_user;

GRANT CONNECT TO compass\_user;

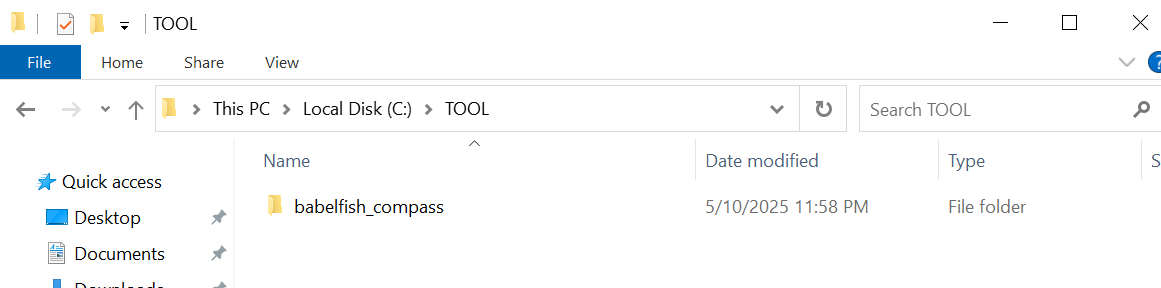
GRANT VIEW DEFINITION TO compass\_user;

GRANT VIEW DATABASE STATE TO compass\_user;

GRANT SELECT TO compass\_user;

This login should be able to generate sql DDL script for each sql server.

1. **Download Compass in C:\Tool folder on the server where this power script is executed.**

****

Prerequisites Before installing Babelfish Compass, you must install a Java Runtime Environment (JRE) version 8 or higher (64-bit version). Babelfish Compass produces compatibility assessment reports in HTML format. To view the HTML output, we recommend using a recent release of the Google Chrome or Mozilla Firefox browser.

**How to run the scripts**

**Be in the location C:\TOOL\Script and run Run-All.ps1 from powershell cmd. It executes series of powershells scripts**

**"01-CheckSQLNamedInstances.ps1",**

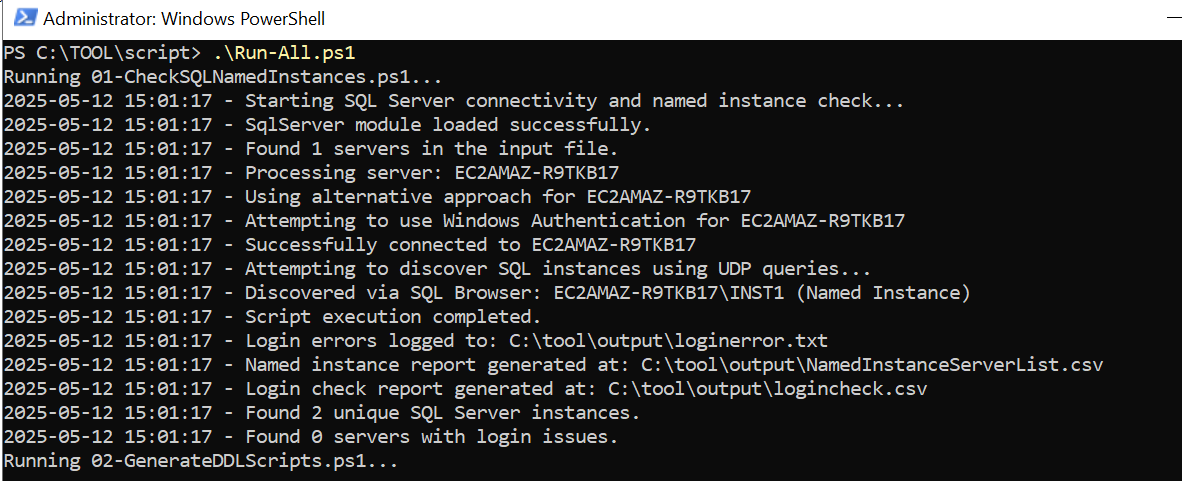
**"02-GenerateDDLScripts.ps1",**

**"03-GenerateBabelfishCompassCmds.ps1",**

**"04-Run-BabelfishCommands.ps1",**

**"05-UnsupportedfeaturesReport.ps1",**

**The report will be generated under C:\TOOL\output\babelfish\_reports**

****

**Babelfish reports**

**Create powershell script which does below**

1. **Go to C:\TOOL\output\ddl folder read all the ddl scripts which naming convention as servername\_database\_ddlscript.sql**
2. **Reach each .sql file one by on enad run the babelfish compass command to capture the babelfish reports**
3. **Generate Babelfish command is as follows, the second parameter is the report name which needs to be named as** Servername\_dbanme\_Report, 3rd parameter should read the respective ddl script from **C:\TOOL\output\ddl folder which has naming convention as servername\_database\_ddlscript.sql**

**Generate all the babelfish commands as**

BabelfishCompass.bat Servername\_dbanme\_Report **C:\TOOL\output\ddl**\ **servername\_database\_ddlscript.sql** -delete -rewrite -reportoptions xref,status=all,detail

**Generate babelfish reports**