





To install Wonde at your school you will need access to the SQL database, administrator privileges to install and two serial keys provided by Wonde.

If you do not have these keys or if your MAZE is cloud hosted please email support@wonde.com with your school's name, your request and which SIS you use (Civica MAZE).

Preparing the database

Wonde requires a user account on the MSSQL server to access school data. Follow the steps below to create a user with the correct permissions:

It is advised to make sure that you have sufficient backups of your database before performing the following steps with Wonde or any other provider.

- 1. Log in to Microsoft SQL Server Management Studio as an administrator.
- 2. Expand databases and highlight your SIS database within the **Object Explorer**.
- 3. Click the **New Query** button.
- 4. Paste in the contents of **Wonde-MAZE.sql** file provided (at the end of this document) into the query area.
- 5. At the top of the script, populate the password variable with a random 15 character password and keep a note as you will need this password again later (avoid symbol characters as these may not transfer properly for Wonde).
- 6. Make sure you have your SIS database selected while you click the **Execute** button. This will add our user and give a confirmation message that the script was successful.



Installing the Wonde client

- 1. Install the Wonde software using the **WondeInstaller.ms**i file, provided at <u>https://wonde.com/wonde-installer</u>, by going through the installer wizard.
- 2. Go to the installation file path for Wonde and open the Wonde client (Wonde.exe).
- 3. Click **Settings** and then **Site licence**.
- 4. Add the Site key provided in the email and click Save settings.
- 5. Click on **File** and then **Add school**.
- 6. Add the Licence key provided in the email and tick the MSSQL option.
- 7. Add your database credentials:
 - a. **Server name.** This is the name of the server that your MAZE MSSQL database is hosted on.
 - b. Database name. This is the name of your MAZE database.
 - c. **Username.** This should be "wonde" unless you modified while preparing the database user.
 - d. Password. This is the password you created previously.
- 8. Click on **Add School** and this will then display your school details in the Wonde client.
- Go to the services.msc and start up the Wonde Comms Service and Wonde Recovery Service. It's sometimes necessary to terminate the processes for the service to restart if it is already running.

Verification

A Wonde engineer will be required to test that your school's installation was successful so please let us know when this has been completed by filling in the following Google form:

https://goo.gl/forms/xlnviaiame0BzkzK2

If you are unable to access the Google form, please email <u>support@wonde.com</u> with your name, school name and postcode to let us know that the installation has been completed.



If you have any questions, contact our support team by calling 1800 064 506 (Australia), 04 488 1558 (New Zealand), or email <u>ausintegrations@wonde.com</u>.



```
-- Consts
DECLARE @UserName VARCHAR(MAX) = 'wonde';
DECLARE @Password VARCHAR(MAX) = 'CREATEPASSWORDTOGOHERE';
DECLARE @RoleName VARCHAR(MAX) = 'wonde_dbo';
```

```
-- Variables
DECLARE @SQL VARCHAR(MAX);
```

BEGIN TRY

```
--- Create Login and Database User
```

```
IF NOT EXISTS (
SELECT *
FROM sys.server_principals p
WHERE p.[type] = 'S'
AND p.[name] = @UserName
)
BEGIN
SET @SQL = CONCAT('CREATE LOGIN', @UserName, 'WITH PASSWORD = ",
@Password, ", DEFAULT_DATABASE=[master], CHECK_EXPIRATION=OFF,
CHECK_POLICY=OFF');
PRINT @SQL
EXEC(@SQL);
END
IF NOT EXISTS (
SELECT *
FROM sys.database_principals p
WHERE p.[type] = 'S'
AND p.[name] = @UserName
)
BEGIN
```

```
SET @SQL = CONCAT('CREATE USER', @UserName, 'FOR LOGIN', @UserName);
PRINT @SQL
EXEC(@SQL);
END
_____
                                   -- Create Database Role / Recreate if Exists
                                 _____
IF EXISTS (
SELECT *
FROM sys.database_principals p
WHERE p.[type] = 'R'
AND p.[name] = @RoleName
)
BEGIN
SET @SQL = CONCAT('DROP ROLE', @RoleName);
PRINT @SQL
EXEC(@SQL);
END
SET @SQL = CONCAT('CREATE ROLE ', @RoleName);
PRINT @SQL
EXEC(@SQL);
-- Assign User to Role
IF NOT EXISTS(
SELECT TOP (1) dp.name
FROM sys.database_role_members dr
INNER JOIN sys.database_principals dp ON (dp.principal_id =
dr.role_principal_id)
INNER JOIN sys.database_principals su ON (su.principal_id =
dr.member_principal_id)
WHERE dp.name = @RoleName
```

AND su.name = @UserName)

```
AND EXISTS(SELECT * FROM sys.database_principals dp2 WHERE dp2.name =
@UserName)
BEGIN
SET @SQL = CONCAT('ALTER ROLE ', @RoleName, ' ADD MEMBER ', @UserName);
PRINT @SQL
EXEC(@SQL)
END
```

```
    Grant Select Permissions to Role
    To add new permissions, add table name to list and run the script
```

```
_____
```

IF OBJECT_ID('tempdb..#DatabasePermissions') IS NOT NULL DROP TABLE #DatabasePermissions

CREATE TABLE #DatabasePermissions

```
(
UserRole VARCHAR(255),
ObjectName VARCHAR(255),
ExecFlag BIT DEFAULT(0),
SelectFlag BIT DEFAULT(0),
InsertFlag BIT DEFAULT(0),
UpdateFlag BIT DEFAULT(0),
DeleteFlag BIT DEFAULT(0),
object_id INT NULL,
schema_id INT NULL
)
```

INSERT INTO #DatabasePermissions (UserRole, ObjectName, SelectFlag, object_id, schema_id)

SELECT @RoleName, ss.name + '.' + QUOTENAME(so.name), SelectFlag = 1, so.object_id, ss.schema_id FROM sys.objects so INNER JOIN sys.schemas ss ON (ss.schema_id = so.schema_id) WHERE so.name IN ('ST', 'KGR', 'KGH', 'SU', 'SM', 'KGC', 'SF', 'DF', 'UM', 'STAW', 'KGW', 'STBH', 'TCTB', 'TCAT', 'ΤE', 'TEC', 'KGL', 'EN', 'STMA', 'TTTG', 'TT') AND ss.name = 'dbo' DECLARE @ExecFlag BIT = 0,

@ObjectName VARCHAR(255)

DECLARE PermissionCursor CURSOR LOCAL FORWARD_ONLY READ_ONLY FOR SELECT dp.UserRole, dp.ObjectName FROM #DatabasePermissions dp

ORDER BY UserRole,ObjectName

OPEN PermissionCursor FETCH NEXT FROM PermissionCursor INTO @RoleName, @ObjectName

WHILE @@FETCH_STATUS = 0 BEGIN SET @SQL = 'GRANT SELECT,'

```
SET @SQL = SUBSTRING(@SQL,0,LEN(@SQL)) + 'ON ' + @ObjectName + 'TO ' +
@RoleName
```

PRINT @SQL EXEC(@SQL) FETCH NEXT FROM PermissionCursor INTO @RoleName, @ObjectName END CLOSE PermissionCursor DEALLOCATE PermissionCursor

END TRY BEGIN CATCH THROW; END CATCH