EDUMATE INTEGRATION GUIDE

September 2020
© Wonde Pty Ltd

Wonde IBM DB2 Client Installation Guide

To install Wonde at your school you will need access to the IBM DB2 database and administrator privileges.

1) Preparing the database user

Wonde requires a DB2 user account for the Edumate schema to access school data. Follow the steps below to create a user with the correct permissions. The first set is for a Windows based setup and the second part is for Linux.

Please note that 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.

Windows
Firstly, you will need to run the Windows command prompt (cmd) as an administrator and then copy the commands below and paste it into the command terminal to create the user. You will need to configure the password, schema and DB names yourself by giving it a strong random password and using your database details.

```
SET EdumateRole=wonde_db2
SET EdumateUser=wonde
SET EdumatePassword=**Password**

SET EdumateSchema=edumate
SET EdumateDB=**Edumate DB name**

SET tables=student_welfare award class what_happened attend_status event_type course
student contact contact_address address relationship relationship_type carer salutation
staff_away away_reason Staff STAFF_EMPLOYMENT gender EMPLOYMENT_TYPE
SYS_USER Non_teacher religion language event house form_run form student_enrolment
attendance period_class perd_cls_teacher teacher timetable period_cycle_day academic_year
room STUDENT_MED_COND condition medical_notes upload  period_type CYCLE_DAY cycle
subject subject_code
SET views=view_contact_home_address view_contact_postal_address
view_contact_work_address VIEW_STUDENT_CLASS_ENROLMENT
SET functions=GET_ENROLED_STUDENTS_FORM_RUN getallstudentstatus

NET USER %EdumateUser% %EdumatePassword% /add
DB2 CONNECT TO %EdumateDB%
DB2 CREATE ROLE %EdumateRole%
```

DB2 GRANT ROLE %EdumateRole% TO USER %EdumateUser%

```
for %a in (%tables%) do (
DB2 GRANT SELECT, UPDATE, DELETE ON TABLE %EdumateSchema%.%a TO ROLE
%EdumateRole%
)

for %a in (%views%) do (
DB2 GRANT SELECT ON %EdumateSchema%.%a TO ROLE %EdumateRole%
)

for %a in (%functions%) do (
DB2 GRANT EXECUTE ON FUNCTION %EdumateSchema%.%a TO ROLE %EdumateRole%
)
```

Please note: You may want to set up a new user account for the machine yourselves, if so please remove the following line;
NET USER %EdumateUser% %EdumatePassword% /add

Linux
Open the terminal if the machine has a GUI. Copy the commands and paste into the terminal. Enter user password when prompted to. You will need to configure the password, schema and DB names yourself by giving it a strong random password and using your database details.

######CONFIG START########

```
EdumateRole=wonde_db2
EdumateUser=wonde
EdumateSchema=edumate
EdumateDB=EDUMATEDBNAME
tables=(student_welfare award class what_happened attend_status event_type course student
contact contact_address address relationship relationship_type carer salutation staff_away
away_reason Staff STAFF_EMPLOYMENT gender EMPLOYMENT_TYPE SYS_USER
Non_teacher religion language event house form_run form student_enrolment attendance
period_class perd_cls_teacher teacher timetable period_cycle_day academic_year room
STUDENT_MED_COND condition medical_notes upload period_type CYCLE_DAY cycle
subject subject_code)
views=(view_contact_home_address view_contact_postal_address
view_contact_work_address VIEW_STUDENT_CLASS_ENROLMENT)
functions=(GET_ENROLED_STUDENTS_FORM_RUN getallstudentstatus)
```

######CONFIG END########

######CREATE USER########

```
sudo useradd $EdumateUser
sudo passwd $EdumateUser
```

######CREATE USER########

######ADD PERMISSIONS########

```
DB2 CONNECT TO $EdumateDB
DB2 CREATE ROLE $EdumateRole
DB2 GRANT ROLE $EdumateRole TO USER $EdumateUser
for i in "${tables[@]}";
do
DB2 GRANT SELECT, UPDATE, DELETE ON TABLE $EdumateSchema.$a TO ROLE
$EdumateRole
done
for i in "${views[@]}";
do
DB2 GRANT SELECT ON $EdumateSchema.$i TO ROLE $EdumateRole
done
for i in "${functions[@]}";
do
DB2 GRANT EXECUTE ON FUNCTION $EdumateSchema.$i TO ROLE $EdumateRole
done
```

######ADD PERMISSIONS########

Please note: You may want to set up a new user account for the machine yourselves, if so please remove the entire CREATE USER block*;*

2) Installing the Wonde client

1. Install the Wonde software using the **WondeInstaller.msi** file, provided at

   https://wonde.com/wonde-installer, 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 license.**

4. Add the **Site key** provided to yourselves and click Save settings.

5. Click on **File** and then **Add school**.

6. Add the **Licence key** provided to yourselves and then **tick** the IBM Db2 option

7. Add your database credentials:

   a. **Server name** — This is the name of the server that your IBM Db2 database is

      hosted on

   b. **Database name** — This is the name of your IBM Db2 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.

9. Go to the services.msc and start up the **Wonde Comms Service** and **Wonde Recovery**

   Service. If the service is already running, please terminate the processes for the

   services from the task manager and start the services up again to complete the

   connection.

3) 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/xInviaiame0BzkzK2
If you are unable to access the Google form then please email into support@wonde.com with
your name, school name and postcode to let us know.