



wonde

EDUMATE INTEGRATION GUIDE

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Wonde IBM DB2 Client Installation Guide

To install Wonde at your school you will need access to the IBM DB2 database, administrator privileges and two serial keys provided by Wonde.

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

Please note: Depending on your cloud hosting plan, there may be a charge from Edumate to make sure we can access your database. Please contact Edumate with any enquiries about your plan or charges.

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.

Linux:

1. Set EdumateDB in the commands below. The school might want to setup a new user account for the machine themselves. If so, please remove the entire CREATE USER block
2. Open terminal if the machine has a GUI. Copy the commands and paste it to terminal
3. Enter user password when prompted to (will only happen when we are adding the user ourselves)

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;

Please find the scripts on the next few pages.

Windows:

```
SET EdumateRole=wonde_db2
SET EdumateUser=wonde
SET EdumatePassword=PASSWORDHERE
SET EdumateSchema=edumate
SET EdumateDB=EDUMATEDBNAME
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 religion language event house form_run form 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 nationality period lesson CONT_MEMBERSHIP stu_enrolment
student_type
SET views=view_contact_home_address view_contact_postal_address
view_contact_work_address VIEW_STUDENT_CLASS_ENROLMENT
view_student_start_exit_dates

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%
)
)
```

Linux:

#####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 religion
language event house form_run form attendance period_class per_dcls_teacher teacher
timetable period_cycle_day academic_year room STUDENT_MED_COND condition
medical_notes upload period_type CYCLE_DAY cycle subject subject_code nationality period
lesson CONT_MEMBERSHIP stu_enrolment student_type)

views=(view_contact_home_address view_contact_postal_address
view_contact_work_address VIEW_STUDENT_CLASS_ENROLMENT
view_student_start_exit_dates)

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#####

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.

Note: You will need to install the IBM DB2 drivers onto the machine where the Wonde client is being installed.

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.