NMS 5.0 database configuration, basic descriptions.

ORACLE – LINUX/UNIX

(No need for initial scripts to create database / user.)

Database Server:

Name of the database server to which you want to connect

Service Name

The Service name where the Oracle DB should run

SYS Password

The password for the SYS user on the Oracle DB server

Database port

The port the database is running on

Nimsoft User

The Oracle database user to be created and used by the NMS installation

Nimsoft Password

The password for the database user mentioned above

Tablespace Name

The name of the tablespace the installation will create

Tablespace Location

Only used if you want to override the default location

Database Size

The initial size of the database

AutoExtend Size

Only used if you want to override the default autoextend size

Maximum Size

Only used if you want to override the default maximum size of the database

MYSQL LINUX/UNIX

(No need for initial scripts to create database / user.)

NOTE: The MySQL server must be set up with the following configuration prior to installation:

** NOTE ** on Linux/Solaris systems using the MySQL database, the case insensitivity setting needs to be enabled manually in the mySQL configuration file**:**

    /etc/my.cnf

    [mysqld]
    lower_case_table_names=1

You can check this setting by running %**show variables**+on the MySQL server.

** NOTE ** NMS uses %LOAD DATA LOCAL INFILE+for MySQL data uploads.
This needs to be enabled on your MySQL server (this is enabled by default on MySQL servers). You can check that this is enabled by running %**show variables**+on the MySQL server, and confirming**:**
local_infile = ON

Database Server:

Name of the database server to which you want to connect

Database Name

The name of the database the installer will create

Database User

The username the installer will use to connect to the database server

Database Password

The corresponding password to the user mentioned above

ORACLE ON WINDOWS

The user must first run the below script on the database server. The below script is an example and parameters like tablespace name, username, database size etc can be modified.

create tablespace nimsoftslm datafile 'nimsoftslm.dbf' size 10m autoextend on next 10m maxsize 1000m;

create user nmsuser IDENTIFIED BY Password1 DEFAULT TABLESPACE nimsoftslm;

grant all privileges to nmsuser;

GRANT SELECT ON sys.v_$session TO nmsuser;

GRANT SELECT ON dba_data_files TO nmsuser;

GRANT SELECT ON sys.sm$ts_used TO nmsuser;

GRANT SELECT ON sys.dba_tables TO nmsuser;

exit;

Nimsoft Server Setup 5.00

SLM Database Access

Service Level Management requires the use of a database.

Server	nimora.nimsoft.no
Port	1521
Service Name	orcl.nimsoft.no
User	nmsuser
Password	********

InstallShield

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MYSQL ON WINDOWS

The user must first run the below script on the database server. The below script is an example and database name can be modified.

SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0;

SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0;

SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='TRADITIONAL';
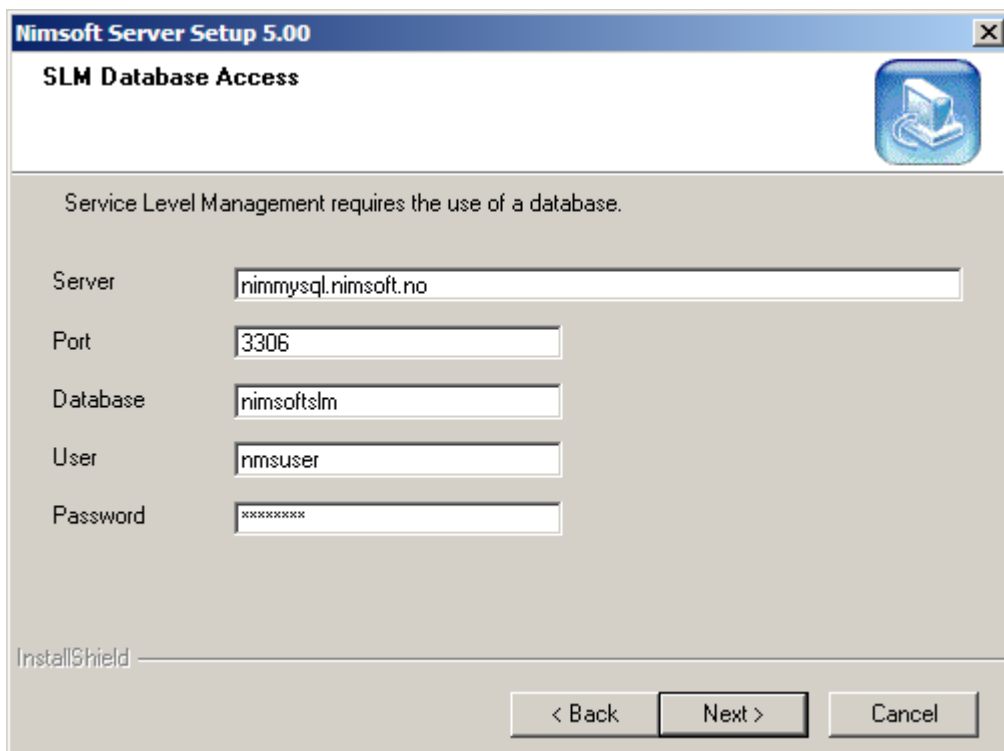
CREATE DATABASE IF NOT EXISTS nimsoftslm

DEFAULT CHARACTER SET = utf8

DEFAULT COLLATE = utf8_unicode_ci;

SET SQL_MODE=@OLD_SQL_MODE;

SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;

SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;