

NMS 5.0 database configuration, basic descriptions.

ORACLE - LINUX/UNIX

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

The image displays three sequential screenshots of the 'Nimsoft Server Information' window during the NMS Server installation process. The window title is 'NMS Server' and it features a sidebar with progress indicators for various steps: Introduction, Missing Libraries, License Agreement, Installation Information, Nimsoft Server Information (highlighted), Pre-Installation Summary, Installing..., and Install Complete.

First Screenshot: The 'Oracle configuration' section is active. It prompts the user to enter information about the database. The fields shown are: Database Server (empty), Service Name (orcl), SYS Password (empty), and Database Port (1521).

Second Screenshot: The 'Nimsoft User' section is active. It prompts the user to enter information about the database user. The fields shown are: Nimsoft User (NimsoftSLM), Nimsoft Password (empty), Tablespace Name (NimsoftSLM), and Tablespace Location (leave blank for default) (empty).

Third Screenshot: The 'Database Size' section is active. It prompts the user to enter information about the database size. The fields shown are: Tablespace Location (leave blank for default) (empty), Database Size (100m), Auto Extend Size (for example 10m or leave blank for default) (empty), and Maximum Size (for example 10m or leave blank for default) (empty).

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

The screenshot shows a Windows-style installation window titled "NMS Server". The main content area is titled "Nimsoft Server Information". On the left, there is a vertical list of installation steps, each with a circular icon: "Introduction" (green checkmark), "Missing Libraries" (green checkmark), "License Agreement" (green checkmark), "Installation Information" (green checkmark), "Nimsoft Server Informati..." (yellow arrow), "Pre-Installation Summary" (grey circle), "Installing..." (grey circle), and "Install Complete" (grey circle). The "Nimsoft Server Informati..." step is currently selected. The main area contains a text box with the heading "MySQL configuration:" and the instruction "Please enter the following information about the database you have installed." Below this are four input fields: "Database Server" (empty), "Database Name" (containing "NimsoftSLM"), "Database User" (empty), and "Database Password" (empty). At the bottom left, there is a "Cancel" button. At the bottom right, there are "Previous" and "Next" buttons. The text "InstallAnywhere" is visible in the bottom left corner of the window.

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	<input type="text" value="nimora.nimsoft.no"/>
Port	<input type="text" value="1521"/>
Service Name	<input type="text" value="orcl.nimsoft.no"/>
User	<input type="text" value="nmsuser"/>
Password	<input type="password" value="xxxxxxxx"/>

InstallShield

< Back

Next >

Cancel

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
```

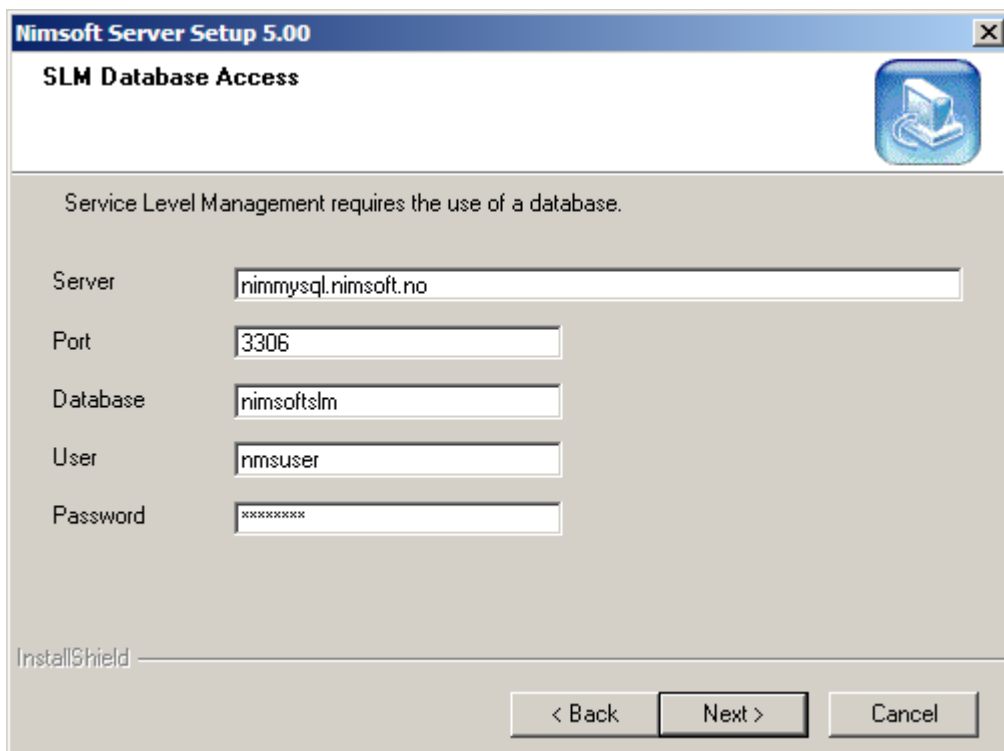
```
DEFAULT CHARACTER SET = utf8
```

```
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;
```



The screenshot shows a Windows-style dialog box titled "Nimsoft Server Setup 5.00" with a sub-header "SLM Database Access". It contains a message: "Service Level Management requires the use of a database." Below this are five input fields: "Server" (nimmysql.nimsoft.no), "Port" (3306), "Database" (nimsoftslm), "User" (nmsuser), and "Password" (masked with asterisks). At the bottom, there are three buttons: "< Back", "Next >", and "Cancel". The "InstallShield" logo is visible in the bottom left corner.