

Mitel MiContact Center Enterprise

NUANCE SOFTWARE INSTALLATION GUIDE (ASR & TTS)

Release 9.5 SP2



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Nuance Software Installation Guide
Release 9.5 SP2 – October 2021

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Introduction

This document describes the installation process for Nuance software that is used with Open Application Server (OAS) or Telephony Application Server (TAS).

In OAS and TAS, Automatic Speech Recognition (ASR) and Text-to-Speech (TTS) functionality is provided by:

- Nuance Speech Suite 11, which consists of:
 - Nuance License Manager
 - Nuance 11 (ASR)
 - Nuance Vocalizer for Network 7 (TTS)
 - Nuance Management Station

Nuance SW download

There are three packages of Nuance SW available for MiCC Enterprise at the SW download (SWDL) site on the MiAccess portal:

1. The base Nuance Speech Server (NSS) 11 package. This includes SW and Nuance documentation in order to install the NSS server and it also includes the US English ASR and TTS language files.
2. Nuance Recognizer package. This includes the Recognizer 10 languages for:
 - a. ar-WW_Arabic-WorldWide
 - b. ca-ES_Catalan-Spain
 - c. da-DK_Danish-Denmark
 - d. de-AT_German-Austria
 - e. de-CH_German-Switzerland
 - f. de-DE_German-Germany
 - g. en-AU_English-Australia
 - h. en-GB_English-United Kingdom
 - i. en-US_English-United States
 - j. es-ES_Spanish-Spain
 - k. eu-ES_Basque-Spain

- l. fi-FI_Finnish-Finland
 - m. fr-BE_French-Belgium
 - n. fr-CA_French-Canada
 - o. fr-FR_French-France
 - p. it-IT_Italian-Italy
 - q. nl-BE_Dutch-Belgium
 - r. nl-NL_Dutch-Netherlands
 - s. no-NO_Norwegian-Norway
 - t. pl-PL_Polish-Poland
 - u. pt-BR_Portuguese_Brazil
 - v. ru-RU_Russian-Russian Federation
 - w. sv-SE_Swedish-Sweden
3. Nuance Vocalizer Packages. The following languages and voices are included:
- a. ar-WW_Arabic-WorldWide
 - i. Female voice Laila
 - ii. Male voice Tarik
 - b. ca-ES_Catalan-Spain
 - i. Female voice Montserrat
 - ii. Male voice Jordi
 - c. da-DK_Danish-Denmark
 - i. Female voice Sara
 - ii. Male voice Magnus
 - d. de-DE_German-Germany
 - i. Female voice Petra

-
- ii. Male voice Markus
 - e. en-AU_English-Australia
 - i. Female voice Karen
 - ii. Male voice Lee
 - f. en-GB_English-British-English
 - i. Female voice Stephanie
 - ii. Male voice Oliver
 - g. en-US_English-United States (also included in NSS SW package)
 - i. Female voice Zoe
 - ii. Male voice Nathan
 - h. es-ES_Spanish-Spain
 - i. Female voice Monica
 - ii. Male voice Jorge
 - i. eu-ES_Basque-Spain
 - i. Female voice Miren
 - j. fi-FI_Finnish-Finland
 - i. Female voice Satu
 - ii. Male voice Onni
 - k. fr-FR_French-France
 - i. Female voice Aurelie
 - ii. Male voice Thomas
 - l. it-IT_Italian-Italy
 - i. Female voice Paola
 - ii. Male voice Luca

- m. nl-BE_Dutch-Belgium
 - i. Female voice Ellen
- n. nl-NL_Dutch-Netherlands
 - i. Female voice Claire
 - ii. Male voice Xander
- o. no-NO_Norwegian-Norway
 - i. Female voice Nora
 - ii. Male voice Henrik
- p. pl-PL_Polish-Poland
 - i. Female voice Zosia
 - ii. Male voice Krysztof
- q. pt-BR_Portuguese_Brazil
 - i. Female voice Luciana
 - ii. Male voice Felipe
- r. ru-RU_Russian-Russian Federation
 - i. Female voice Milena
 - ii. Male voice Yuri
- s. sv-SE_Swedish-Sweden
 - i. Female voice Alva and Klara
 - ii. Male voice Oskar

If another language or TTS voice is needed, then contact Mitel Support to have it downloaded from the Nuance partner portal. For a complete list of languages and TTS voices use the links provided in the section SUPPORTED LANGUAGES below.

ASR and TTS

ASR and TTS software can be installed on multiple servers for load sharing and balancing purposes.

NOTE: According to the Nuance Installation Guide, the following must be considered: *“The Speech Suite installer includes one language and one text-to-speech voice. Optionally, you can enable a multilingual system that supports applications in different languages by downloading, installing, and configuring additional languages and voices to a **separate**, dedicated host.”*

To install an ASR and a TTS language on a single server during the NSS installation copy the extracted language installation packages under the install_language folder in the setup_files folder prior to running the NSS installer. By default the US English ASR and TTS packages are located there.

Supported Languages

Nuance Recognizer ASR Languages

Nuance Recognizer features 86 languages and dialects around the world for your Automatic Speech Recognition (ASR) self-service systems. The list included many dialects of English, Spanish, French, German and others like Swedish, Arabic Danish, Finnish and Norwegian. A complete list of these can be found [here](#).

Nuance Vocalizer 7 TTS Languages

The standard library offers 53 languages/dialects and 120 voices, 20 of which are multi-lingual. A complete list of these can be found [here](#).

Deployment Scenarios

It is recommended to install Nuance Speech Server on a separate server as it consumes a lot of CPU usage and memory. The following to deployments can be used:

Single Server and Multiple Clients

In this deployment, only one Nuance Speech Server is installed, and multiple clients (IPMS inside OAS server and standalone IPMS servers or TAS server(s)) connect to it for sending ASR and TTS requests.

Single Server and Single Client

In this deployment, only one Nuance Speech Server is installed, and only one client (IPMS inside OAS, standalone IPMS server or single TAS server) connects to it for sending ASR and TTS requests.

Installation Preparation

Before installing the Nuance software, make sure the following is true:

- You have local administrator privileges.
- You have access to the Nuance installation SW.
- There is no previously installed Nuance software on the server

If a previous version of the software exists, it has to be un-installed first.

Removing Previous Versions of Nuance Software

Any existing installation of the following software needs to be removed:

- Nuance 8.5 or 9.0
- Nuance Additional ASR Languages
- Nuance Vocalizer
- ScanSoft RealSpeak (only present if Nuance 8.5 was installed)
- TTS Language Voices

To check if previous versions of the software exist, do the following:

1. Go to Start > Settings > Control Panel, and then click Add/Remove Programs.
2. If any of the programs listed above appears in the list of programs, a previous version of that software is installed.

To uninstall previous versions of Nuance software, do the following:

1. Close all applications.
2. Shut down OAS by double-clicking the `OASShutDown.exe` application located in the `Mitel\OAS\Bin` folder, or shutdown the TAS server(s) if your system is TAS based

-
3. From the Start Menu, select Settings > Control Panel > Services.
 4. When the Services applet opens, select the **Nuance Watcher Daemon** service and click the **Stop** button on the tool bar.
 5. On the Start menu, select Settings > Control Panel. > Add/Remove Programs.
 6. The Control Panel screen appears.
 7. Click the software to remove (for example Nuance v8.5).
 8. Click **Change/Remove** to remove the previous version of software.
 9. Click **Yes** to confirm.
 10. The system removes the software.
 11. Repeat steps 6 to 8 for each software package with older version.
 12. Restart the system.

Installing Nuance Software

Prepare Server

Extract the downloaded file 'Nuance 11.08 setup files.zip' to a temp folder.

Firewall should be turned off.

Ensure that 8.3 file naming is enabled if installing on other than boot drive (C:).

Install VC++ 2015-2019 by running `vc_redist.x64.exe` in the *2015-2019 VC++ runtime* folder.

NOTE: Carefully follow the instructions in the *Nuance_Speech_Suite-11.0.8-Installation_Guide.pdf* guide that is included together with the NSS installation package. Also carefully note the supported versions of the 3rd party components as stated in the *NSS 11.08 Release Notes.html* document.

Install Java JDK

Run `zulu8.40.0.25-ca-jdk8.0.222-win_x64.msi` located in the '3rd party files' folder. Accept all Defaults.

Install Apache Tomcat

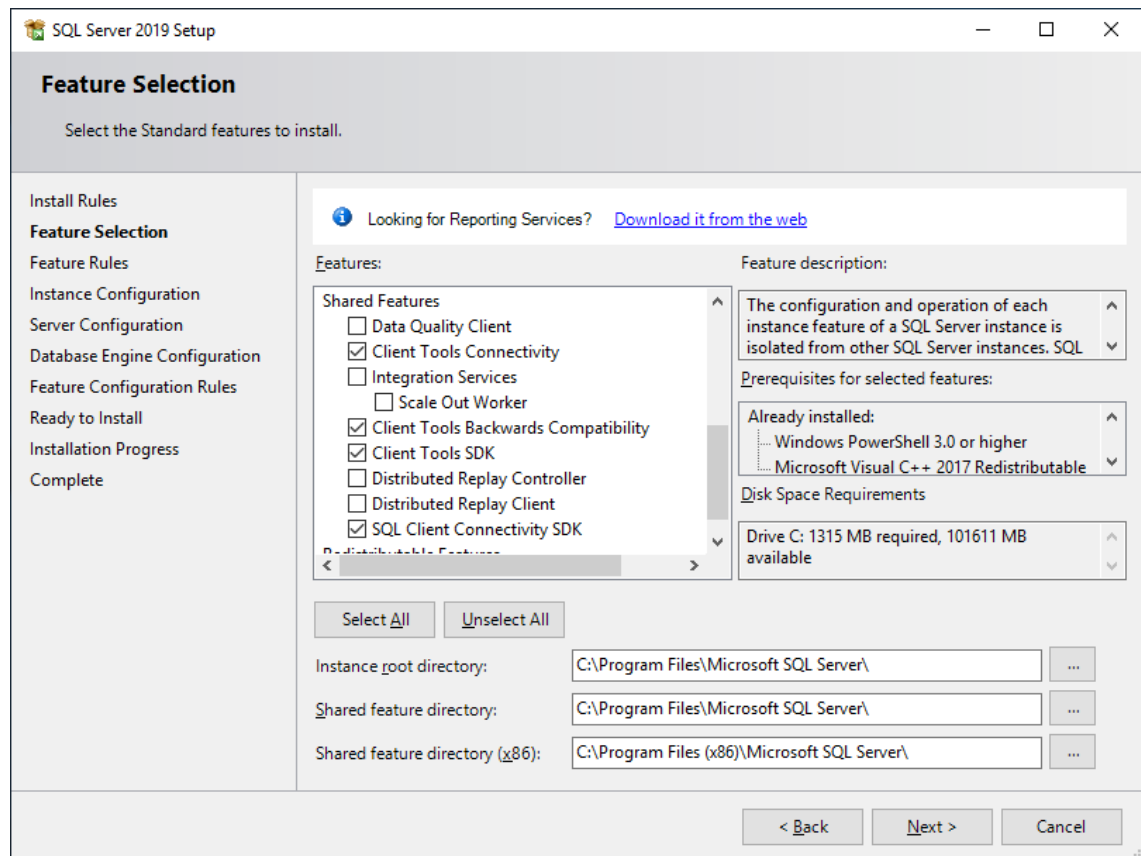
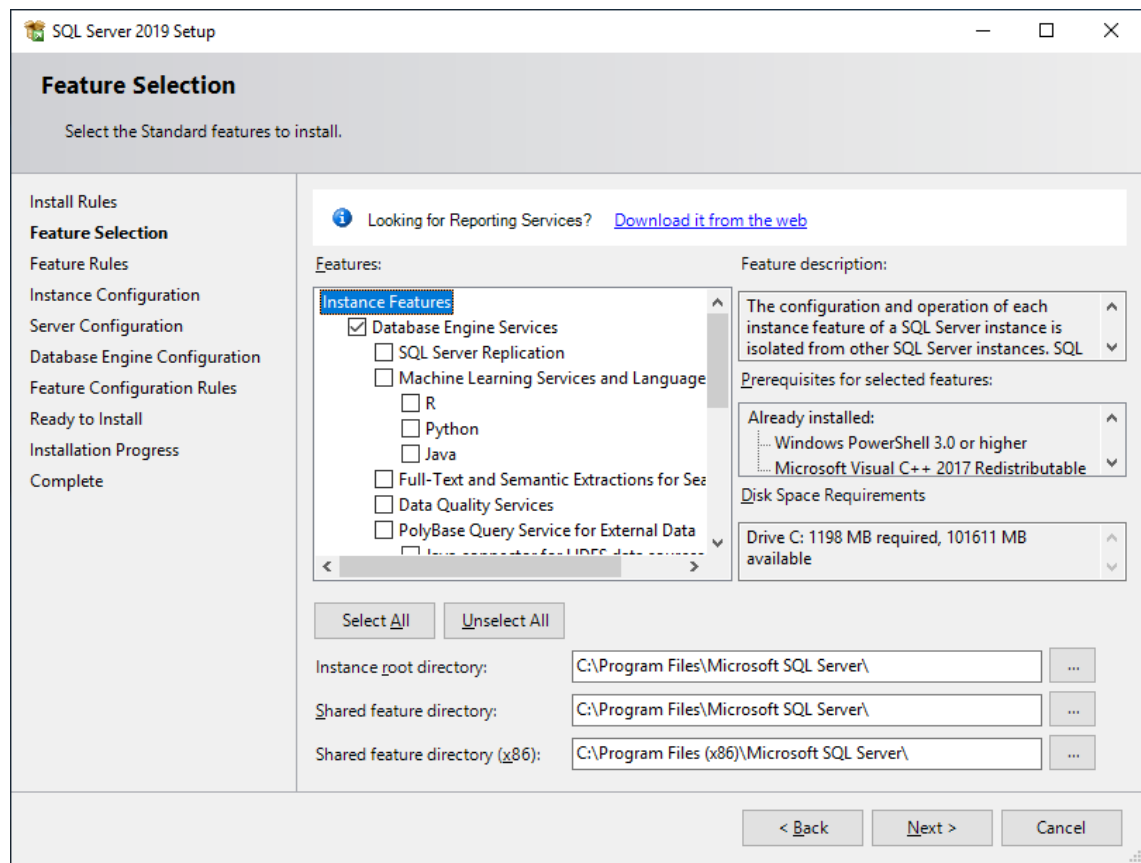
Extract the content of *apache-tomcat-9.0.22-windows-x64.zip* located in the '3rd party files' folder to e.g. C:\

Remember this location for later NSS installation..

Database

If using SQL Server continue here. If using MySQL then continue at section '[Install MySQL 5.7 and Connector/J](#)' further down in the document.

Install SQL 2019 (SQL 2014 SP1 or 2016 SP2 are also supported)



SQL Server 2019 Setup

Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

☒ **Default instance**

☐ **Named instance:** MSSQLSERVER

Instance ID: MSSQLSERVER

SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL15.MSSQLSERVER

Installed instances:

Instance Name	Instance ID	Features	Edition	Version
---------------	-------------	----------	---------	---------

< Back
Next >
Cancel

SQL Server 2019 Setup

Server Configuration

Specify the service accounts and collation configuration.

Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Service Accounts Collation

Microsoft recommends that you use a separate account for each SQL Server service.

Service	Account Name	Password	Startup Type
SQL Server Agent	NT Service\SQLSERVERA...		Manual
SQL Server Database Engine	NT Service\MSSQLSERVER		Automatic
SQL Server Browser	NT AUTHORITY\LOCAL ...		Disabled

☐ **Grant Perform Volume Maintenance Task privilege to SQL Server Database Engine Service**

This privilege enables instant file initialization by avoiding zeroing of data pages. This may lead to information disclosure by allowing deleted content to be accessed.

[Click here for details](#)

< Back
Next >
Cancel

SQL Server 2019 Setup

Database Engine Configuration

Specify Database Engine authentication security mode, administrators, data directories, TempDB, MaxDOP, Memory, and Filestream settings.

Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Server Configuration | Data Directories | TempDB | MaxDOP | Memory | FILESTREAM

Specify the authentication mode and administrators for the Database Engine.

Authentication Mode

☐ Windows authentication mode

☒ Mixed Mode (SQL Server authentication and Windows authentication)

Specify the password for the SQL Server system administrator (sa) account.

Enter password:

Confirm password:

Specify SQL Server administrators

SECLAB\administrator (Administrator)
NUANCE-11-08\Administrator (Administrator)

SQL Server administrators have unrestricted access to the Database Engine.

Add Current User Add... Remove

< Back Next > Cancel

SQL Server 2019 Setup

Ready to Install

Verify the SQL Server 2019 features to be installed.

Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Ready to install SQL Server 2019:

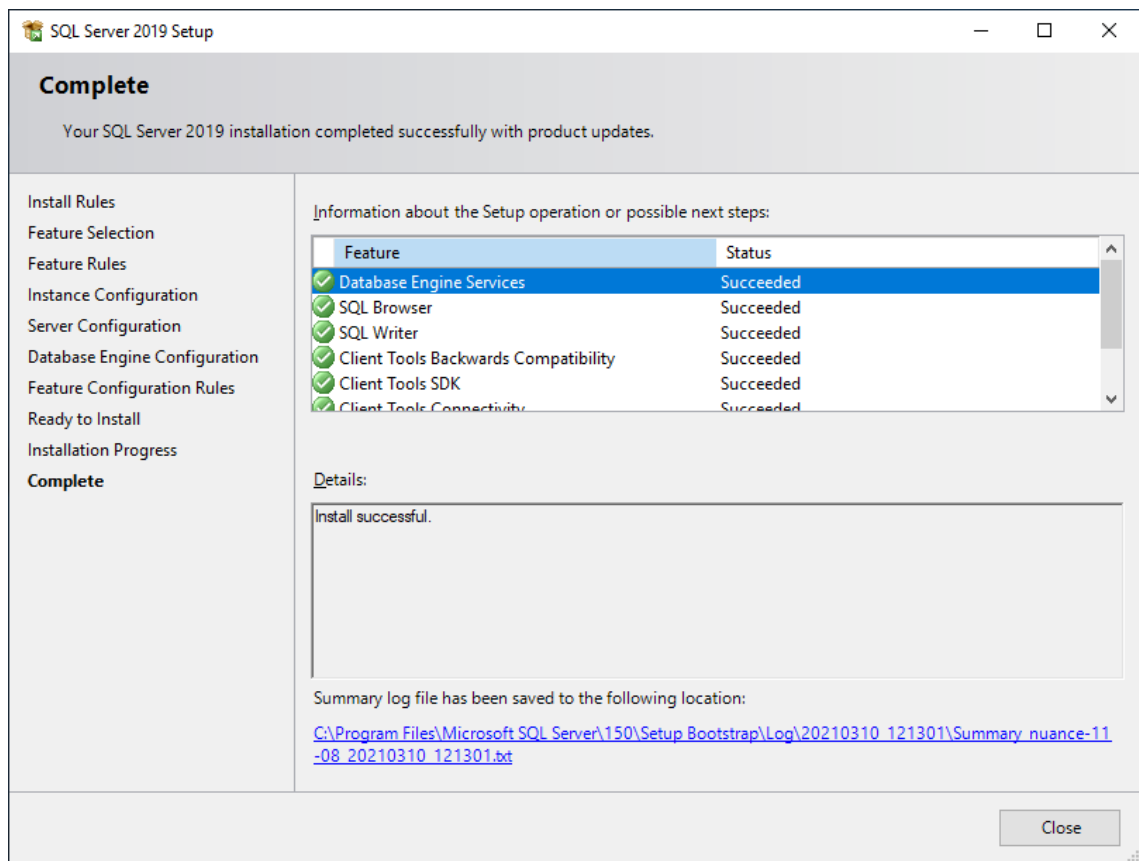
Summary

- Edition: Standard
- Action: Install (Product Update)
- Prerequisites
 - Already installed:
 - Windows PowerShell 3.0 or higher
 - Microsoft Visual C++ 2017 Redistributable
 - General Configuration
 - Features
 - Database Engine Services
 - Client Tools Connectivity
 - Client Tools Backwards Compatibility
 - Client Tools SDK
 - SQL Client Connectivity SDK
 - Instance configuration
 - Instance Name: MSSQLSERVER
 - Instance ID: MSSQLSERVER

Configuration file path:

C:\Program Files\Microsoft SQL Server\150\Setup Bootstrap\Log\20210310_121301\ConfigurationFile.ini

< Back Install Cancel

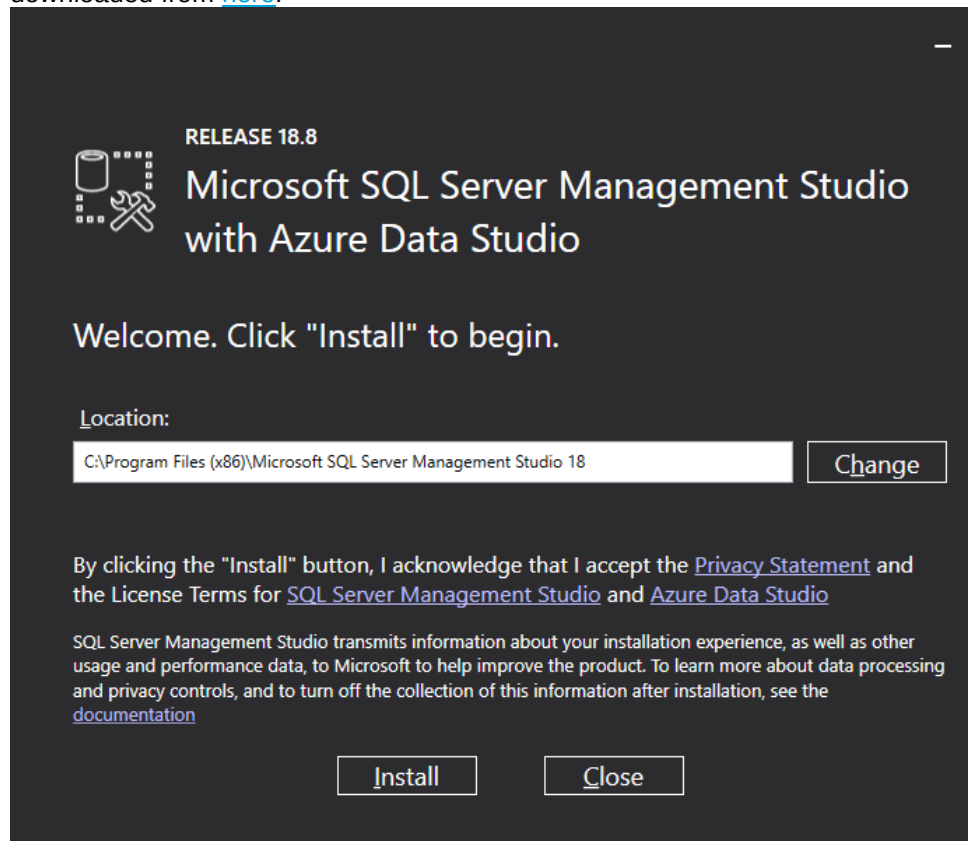


Install latest update for SQL Server 2019:

The latest update for SQL Server 2019(currently CU9) can be downloaded from [here](#).

Install SQL Management Studio:

The latest version of the SQL Management Studio (SSMS-Setup-ENU.exe) can be downloaded from [here](#).



Copy sqljdbc42.jar from the ..\3rd party files\SQL Server Connectors folder to e.g. c:\sqljdc_6.0\
Remember file location for later NSS installation.

Install the ODBC Driver 17 by running msodbcsql.msi located in the ..\3rd party files\SQL Server Connectors folder:

<Reboot the server>

Create SQL user ms by opening a Command window and run command
`sqlcmd -U sa login -P saPassword -S hostname\dbinstancename`
or just:
`sqlcmd -U sa login -P saPassword -S hostname`
if default instance is used.

Then **run** commands:

```
1> CREATE LOGIN ms WITH PASSWORD = 'msp', CHECK_POLICY = OFF;
2> go
```

Add the dbcreator and bulkadmin roles to the 'ms' user:

```
1>SP_ADDSRVROLEMEMBER 'ms', 'dbcreator';
2>go
1>SP_ADDSRVROLEMEMBER 'ms', 'bulkadmin';
2>go
1>quit
```

Note: The bulkadmin role must be added as well (documentation error in the Nuance installation guide)

Create the mserver database: Log in to SQL Server as the newly created user 'ms' and issue command:

```
sqlcmd -U ms -P msp -S hostname\dbinstancename
```

or just:

```
sqlcmd -U ms -P msp -S hostname
```

if default instance is used.

Then run commands:

```
1> create database mserver;
```

```
2> go
```

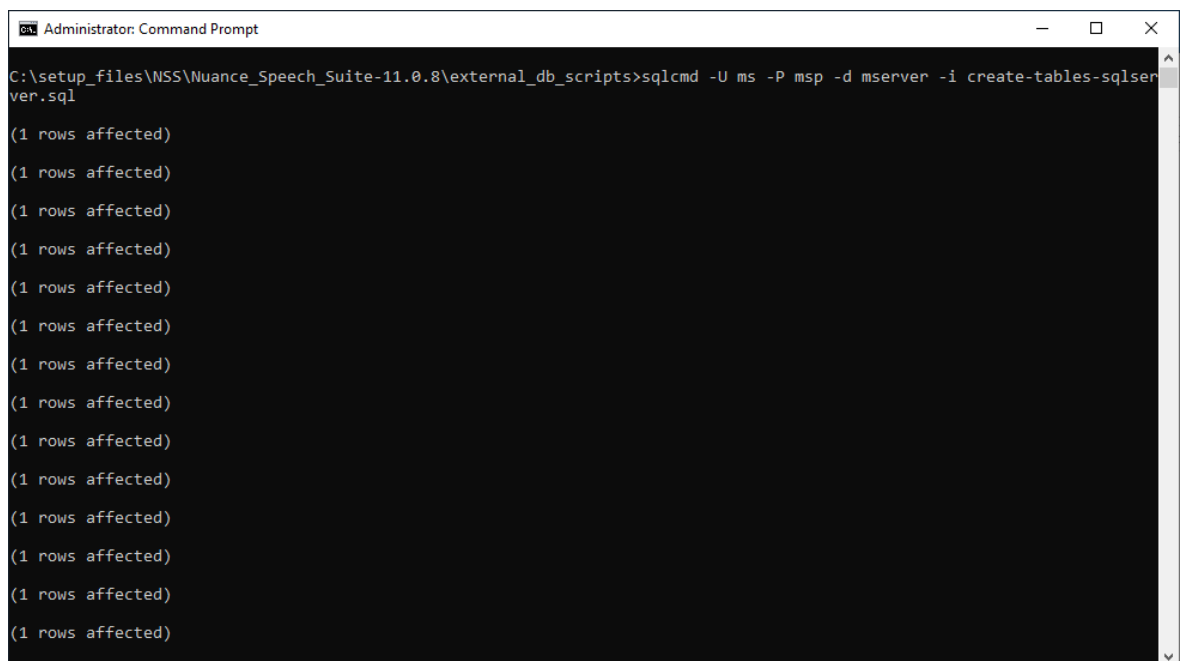
```
1> quit
```

Create tables in the mserver database by running the script *create-tables-sqlserver.sql*:

Open a cmd window (Run as Administrator) and go to folder

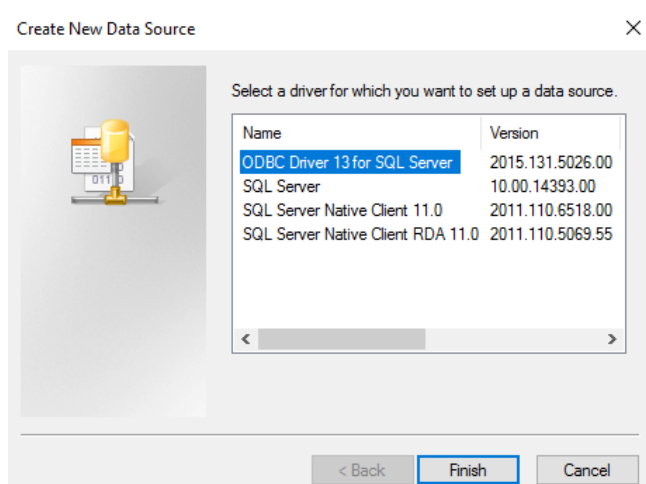
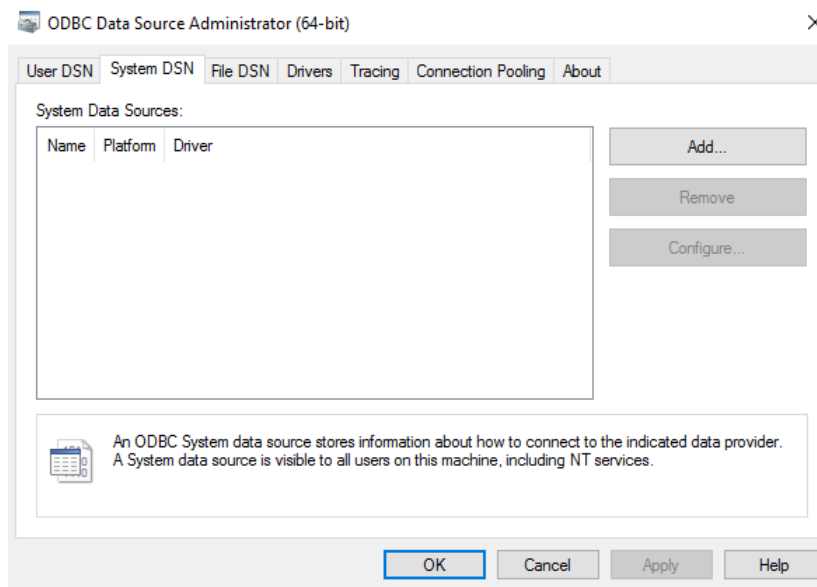
\Setup_files\NSS\Nuance_Speech_Suite-11.0.8\external_db_scripts and **Run** the command

```
sqlcmd -U ms -P msp -d mserver -i create-tables-sqlserver.sql
```



```
Administrator: Command Prompt
C:\setup_files\NSS\Nuance_Speech_Suite-11.0.8\external_db_scripts>sqlcmd -U ms -P msp -d mserver -i create-tables-sqlserver.sql
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
(1 rows affected)
```

Create the ODBC data source MSERVER



Create a New Data Source to SQL Server ✕



This wizard will help you create an ODBC data source that you can use to connect to SQL Server.

What name do you want to use to refer to the data source?

Name:

How do you want to describe the data source?

Description:

Which SQL Server do you want to connect to?

Server:

Create a New Data Source to SQL Server ✕



How should SQL Server verify the authenticity of the login ID?

☐ With Integrated Windows authentication.

SPN (Optional):

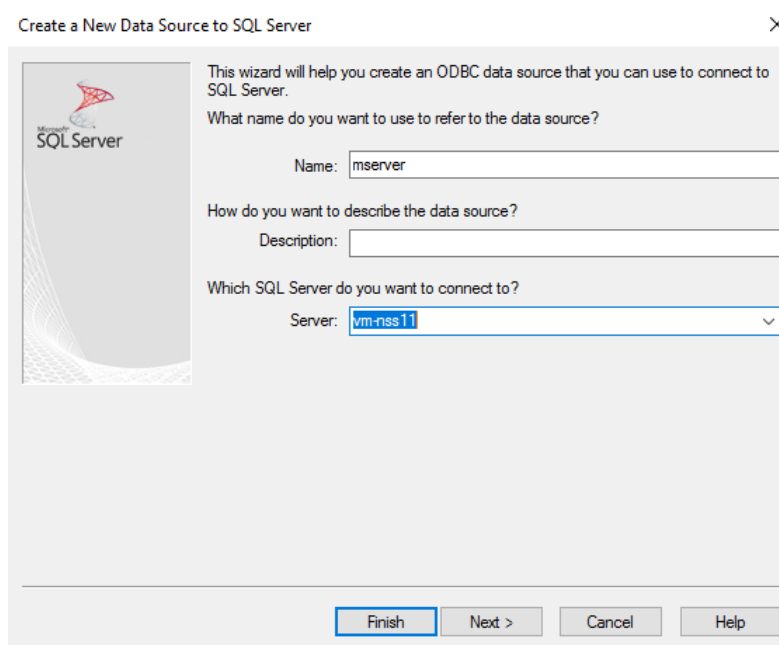
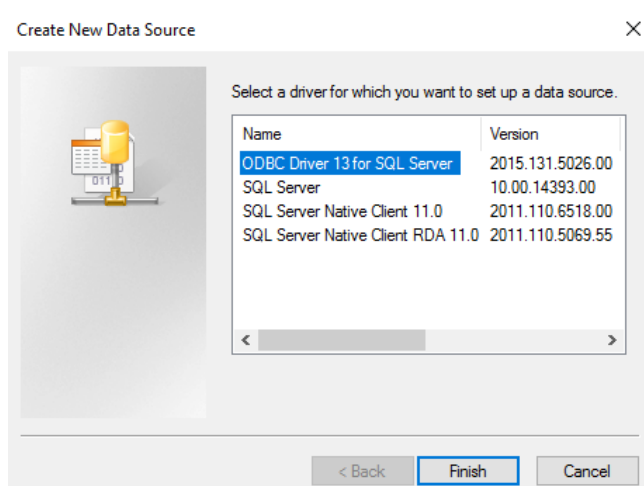
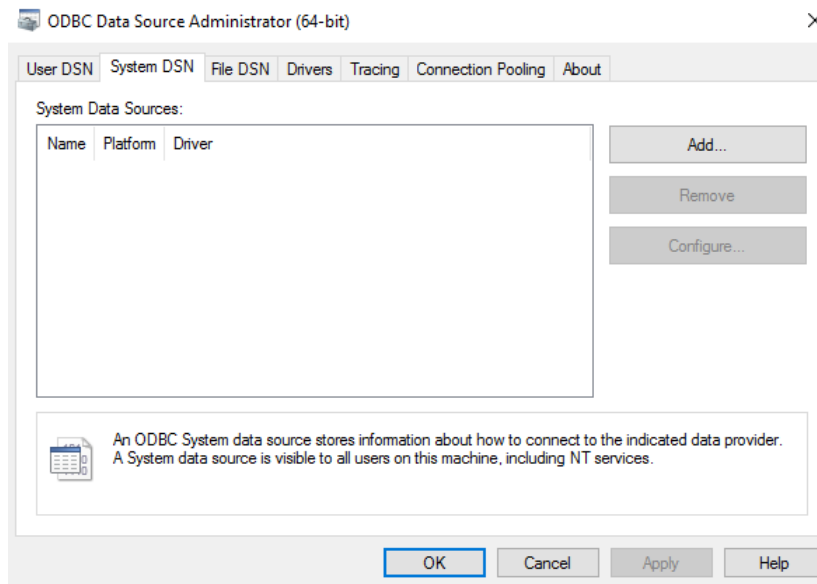
☐ With Active Directory Integrated authentication.

☒ With SQL Server authentication using a login ID and password entered by the user.

☐ With Active Directory Password authentication using a login ID and password entered by the user.

Login ID:

Password:



Create a New Data Source to SQL Server

How should SQL Server verify the authenticity of the login ID?

☐ With Integrated Windows authentication.
SPN (Optional):

☐ With Active Directory Integrated authentication.

☒ With SQL Server authentication using a login ID and password entered by the user.

☐ With Active Directory Password authentication using a login ID and password entered by the user.

Login ID: ms

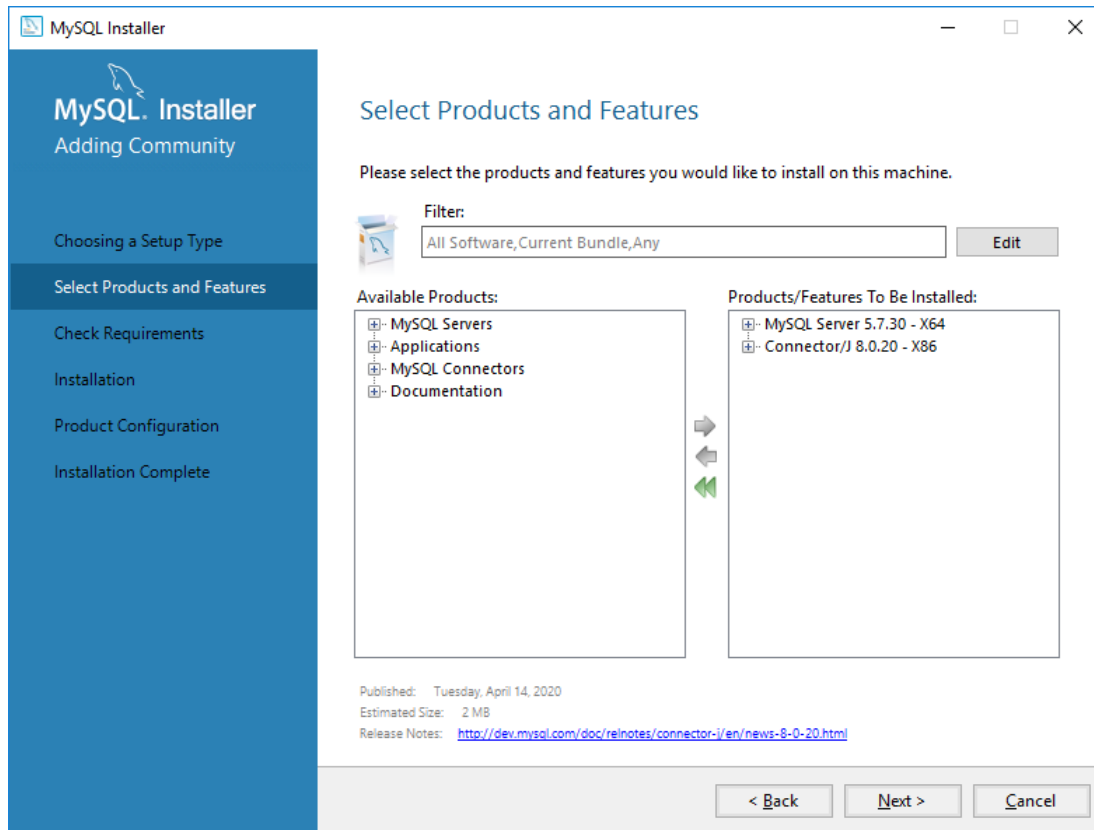
Password: ●●●

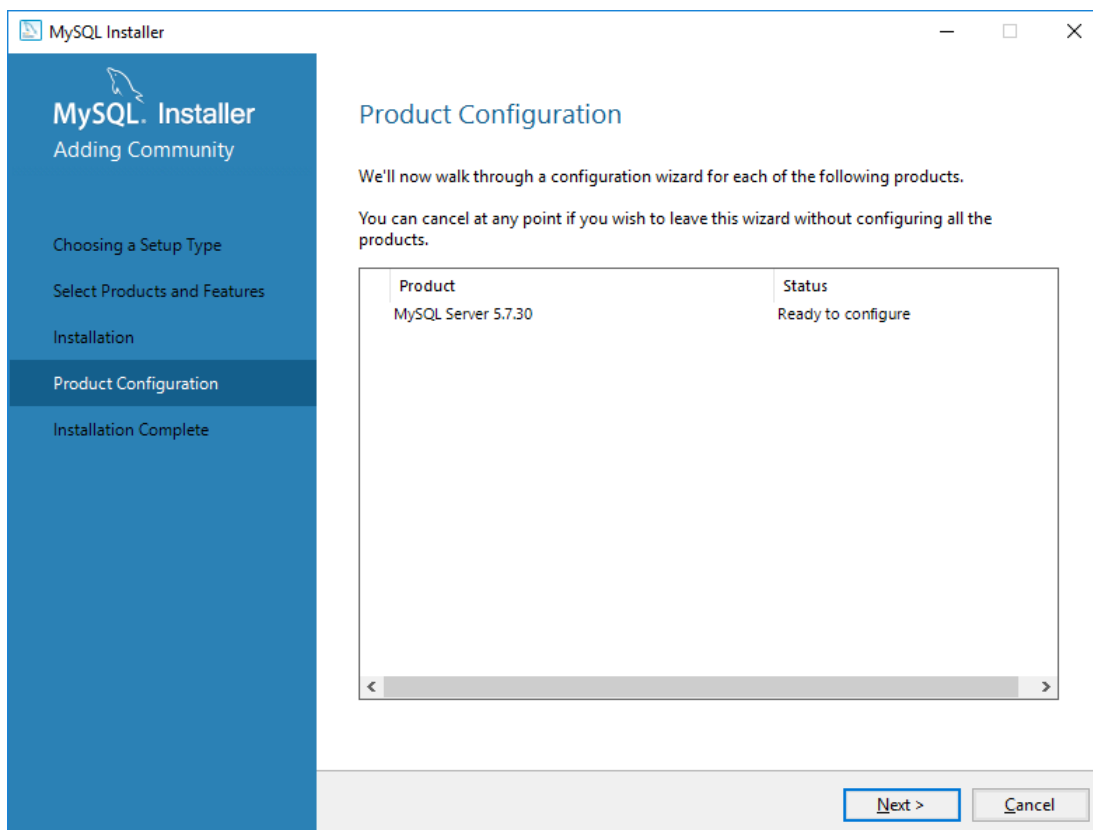
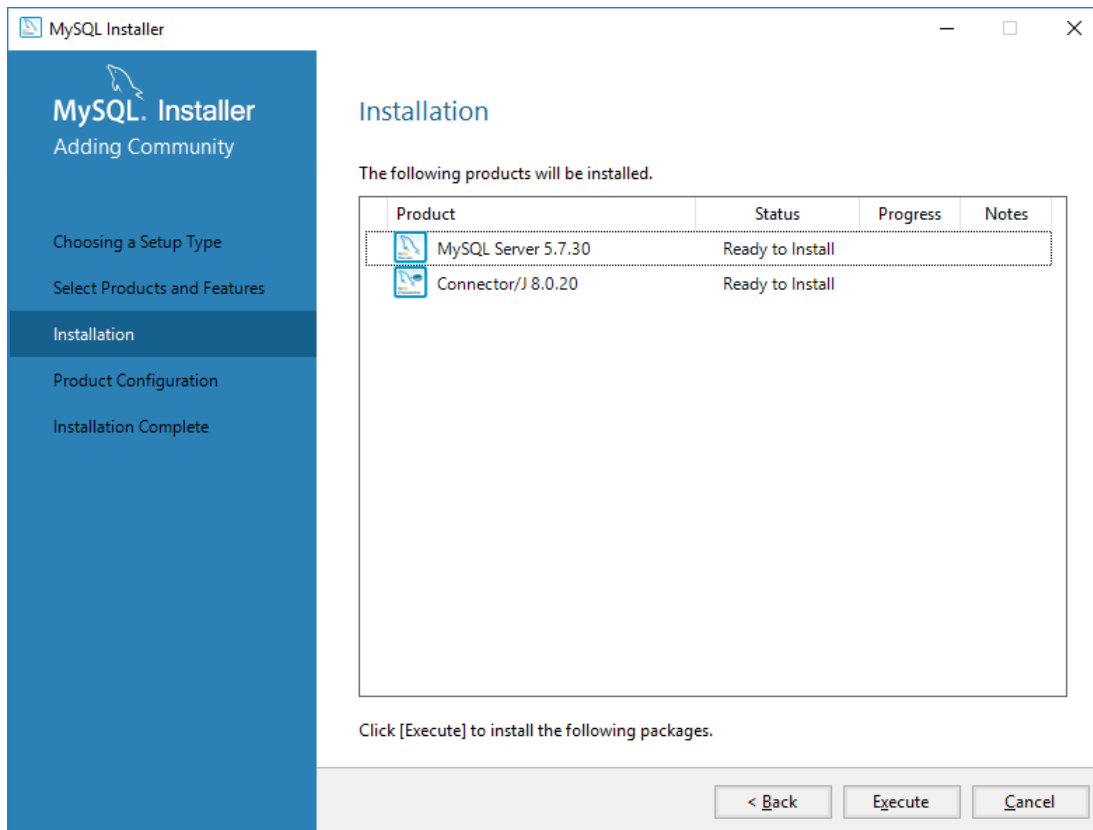
< Back Next > Cancel Help

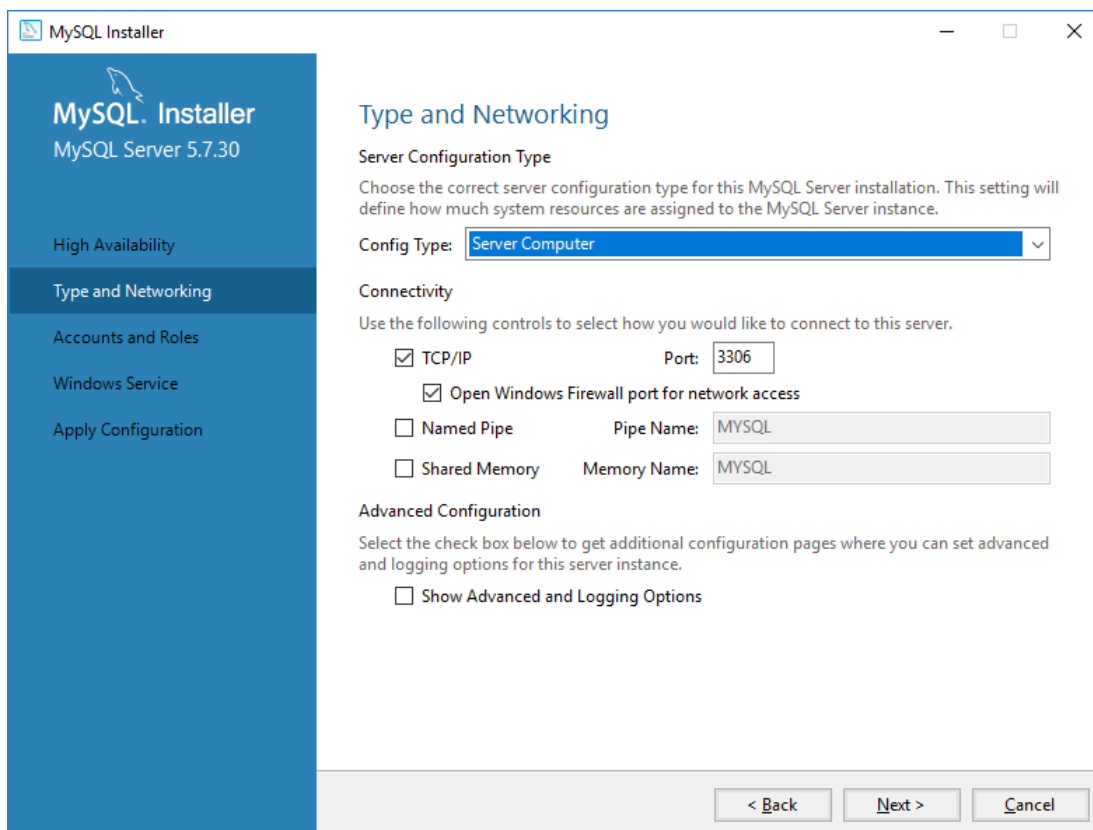
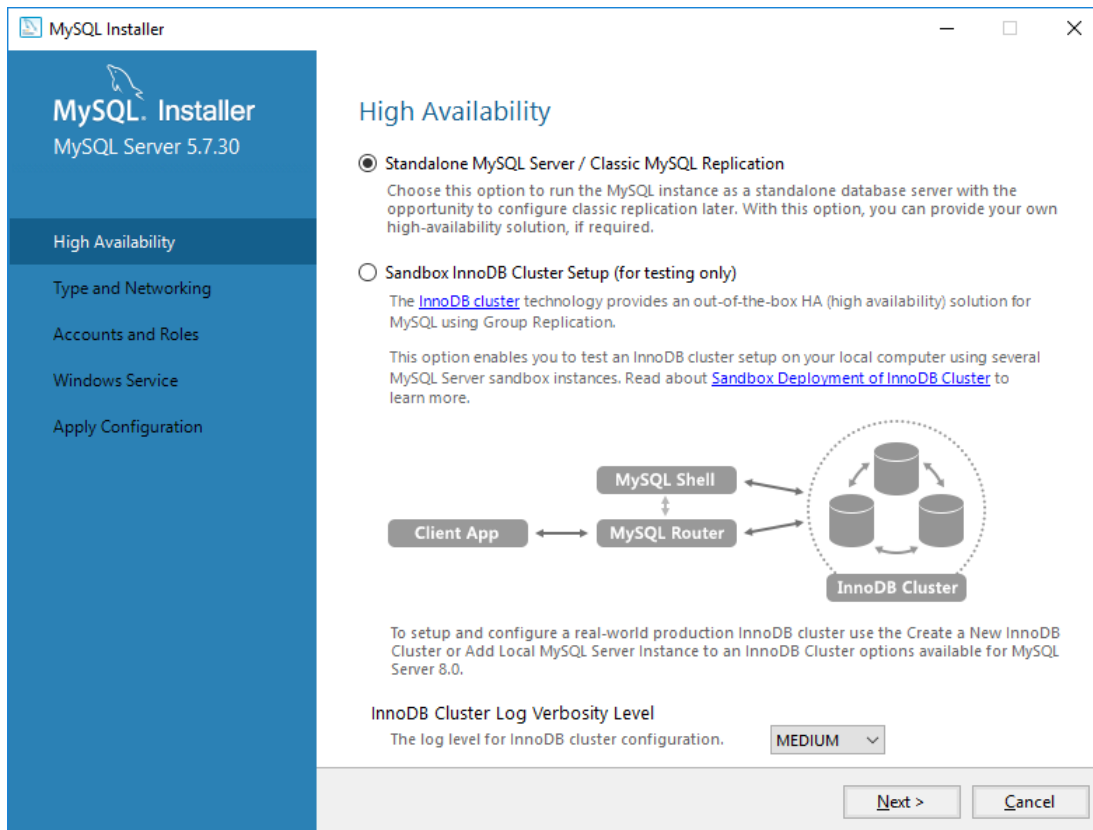
Continue at '[Install NSS 11.08](#)' below.

Install MySQL 5.7 and Connector/J

Run *mysql-installer-community-5.7.30.0.msi* located in the *3rd party files\MySQL* folder and select Custom and then select these items:
(Note that Connector/C will be installed by selecting MySQL Server)









MySQL. Installer
MySQL Server 5.7.30

- High Availability
- Type and Networking
- Accounts and Roles**
- Windows Service
- Apply Configuration

Accounts and Roles

Root Account Password
Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password:

Repeat Password:

Password strength: **Weak**

MySQL User Accounts
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL User Name	Host	User Role

Add User
Edit User
Delete

< Back
Next >
Cancel



MySQL. Installer
MySQL Server 5.7.30

- High Availability
- Type and Networking
- Accounts and Roles
- Windows Service**
- Apply Configuration

Windows Service

☒ **Configure MySQL Server as a Windows Service**

Windows Service Details
Please specify a Windows Service name to be used for this MySQL Server instance. A unique name is required for each instance.

Windows Service Name:

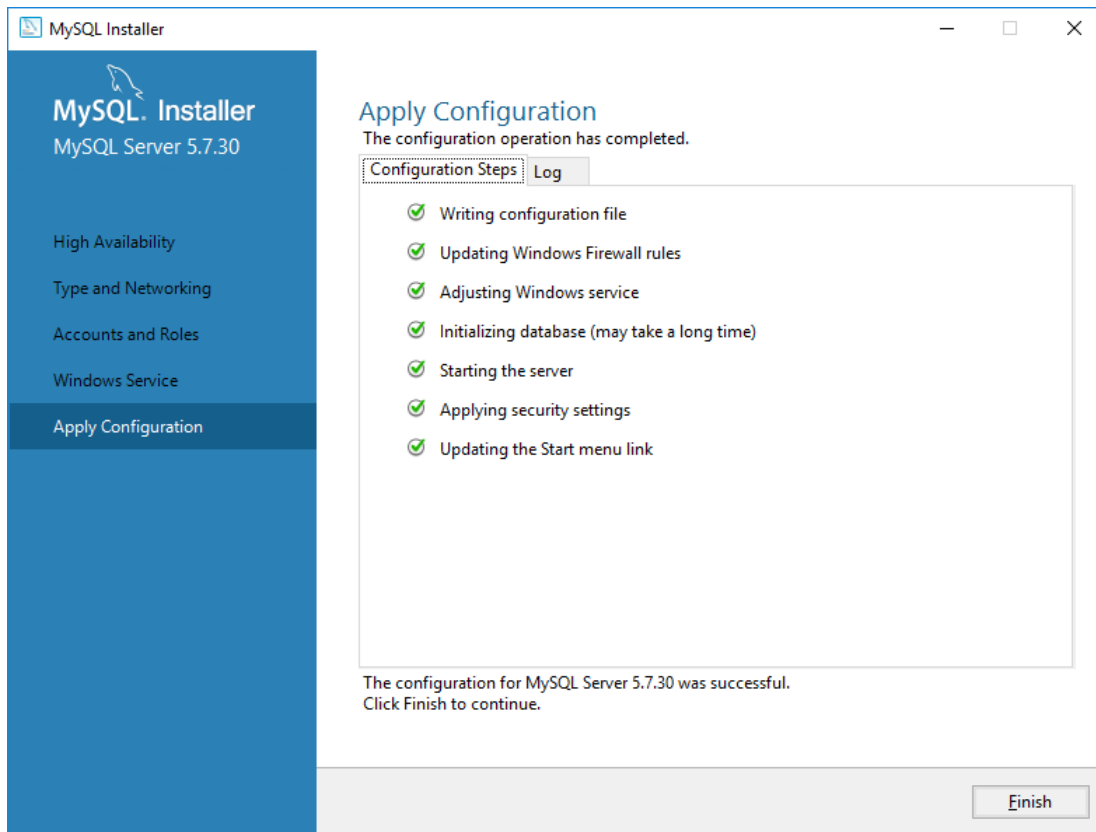
☒ **Start the MySQL Server at System Startup**

Run Windows Service as ...
The MySQL Server needs to run under a given user account. Based on the security requirements of your system you need to pick one of the options below.

☒ **Standard System Account**
Recommended for most scenarios.

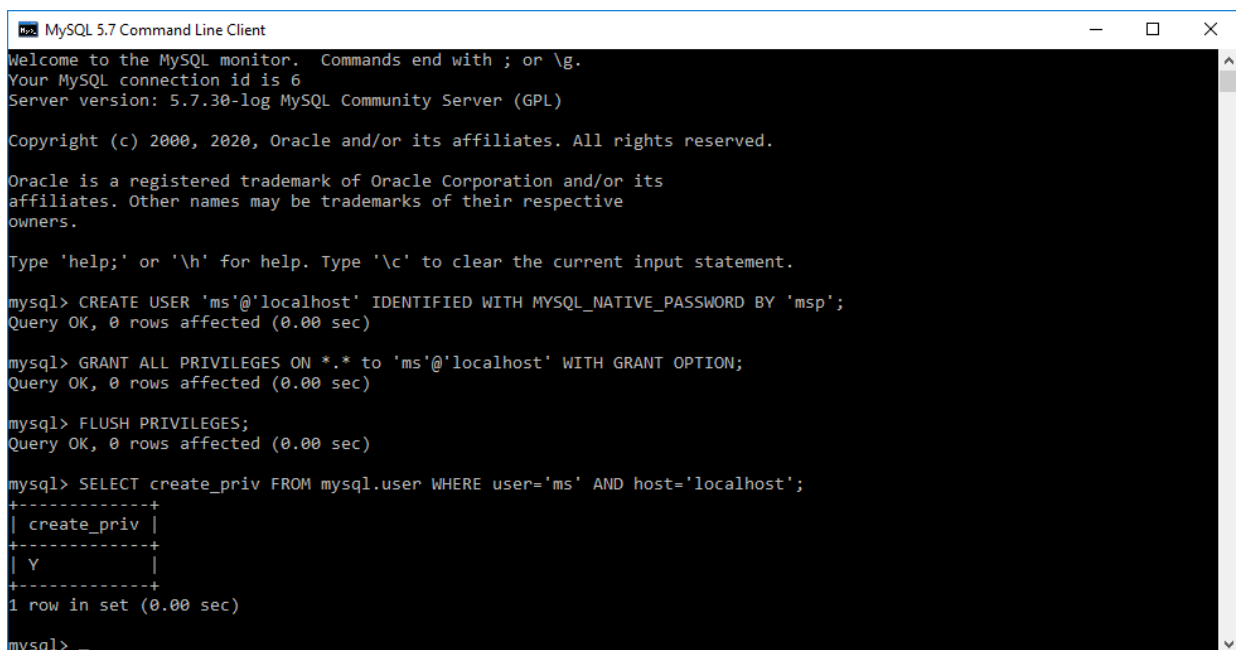
☐ **Custom User**
An existing user account can be selected for advanced scenarios.

< Back
Next >
Cancel



Create user 'ms' using the MySQL Client. Issue commands:

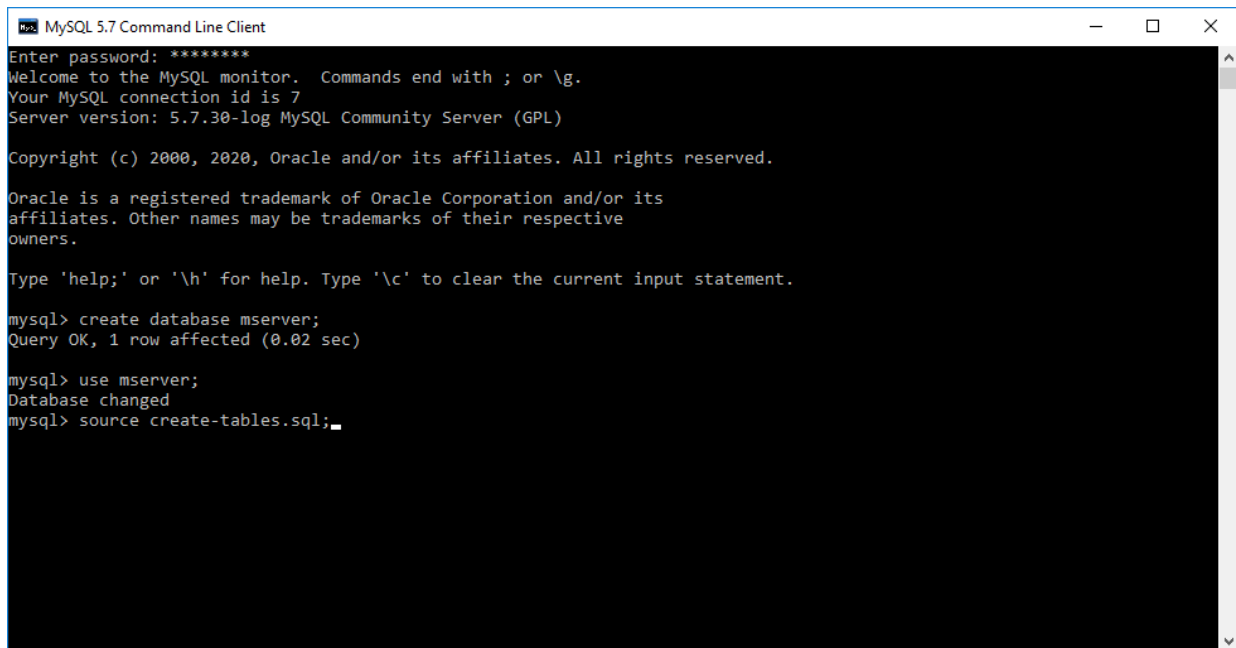
```
mysql> CREATE USER 'ms'@'localhost' IDENTIFIED WITH MYSQL_NATIVE_PASSWORD BY 'msp';
mysql> GRANT ALL PRIVILEGES ON *.* to 'ms'@'localhost' WITH GRANT OPTION;
mysql> FLUSH PRIVILEGES;
mysql> SELECT create_priv FROM mysql.user WHERE user='ms' AND host='localhost';
```



Create database mserver and its tables: Copy create-tables.sql to C:\Program Files\MySQL\MySQL Server 5.7\bin

Run MySQL client and issue commands:

```
mysql> create database mserver;
mysql> use mserver;
mysql> source create-tables.sql;
```



```
MySQL 5.7 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 7
Server version: 5.7.30-log MySQL Community Server (GPL)

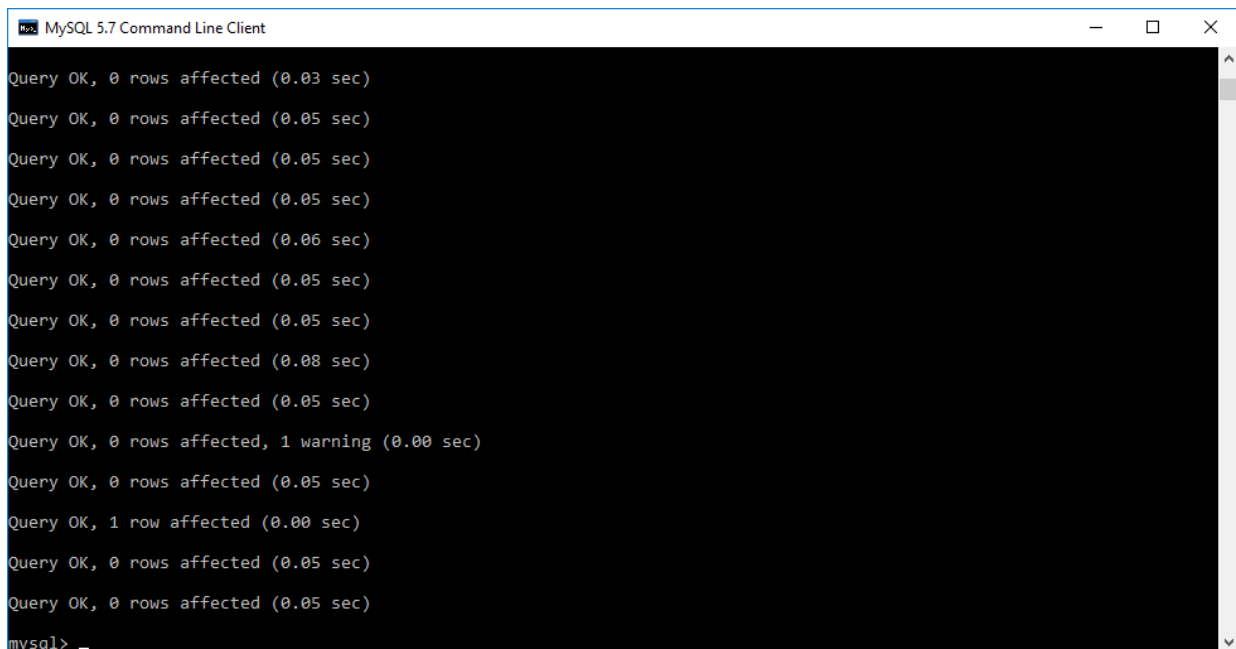
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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database mserver;
Query OK, 1 row affected (0.02 sec)

mysql> use mserver;
Database changed
mysql> source create-tables.sql;
```



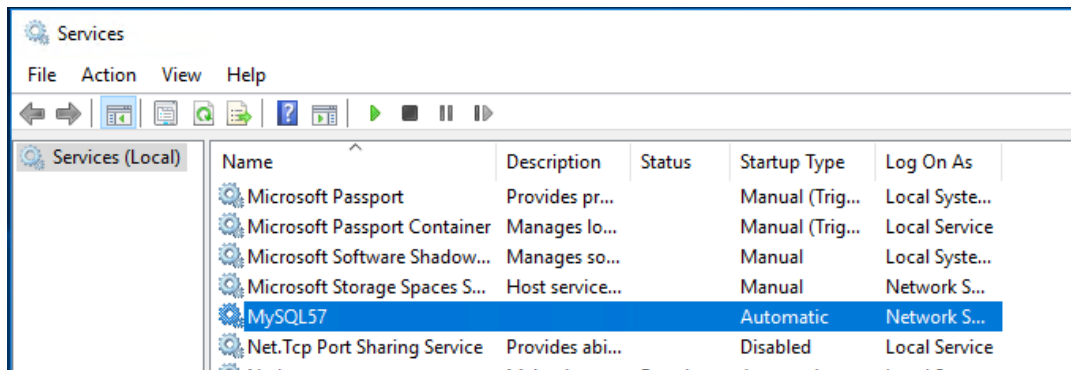
```
MySQL 5.7 Command Line Client

Query OK, 0 rows affected (0.03 sec)
Query OK, 0 rows affected (0.05 sec)
Query OK, 0 rows affected (0.05 sec)
Query OK, 0 rows affected (0.05 sec)
Query OK, 0 rows affected (0.06 sec)
Query OK, 0 rows affected (0.05 sec)
Query OK, 0 rows affected (0.05 sec)
Query OK, 0 rows affected (0.08 sec)
Query OK, 0 rows affected (0.05 sec)
Query OK, 0 rows affected, 1 warning (0.00 sec)
Query OK, 0 rows affected (0.05 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 0 rows affected (0.05 sec)
Query OK, 0 rows affected (0.05 sec)

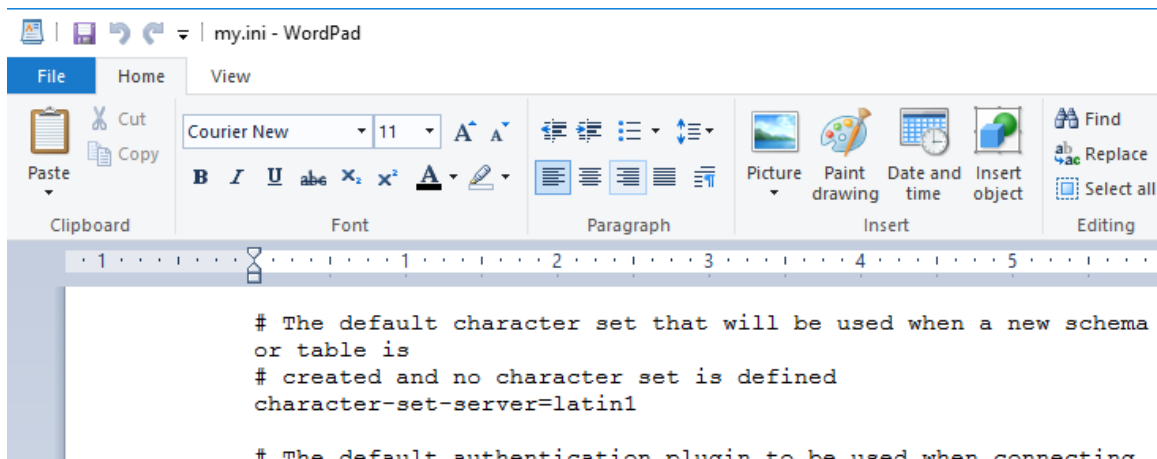
mysql>
```

Configure database performance:

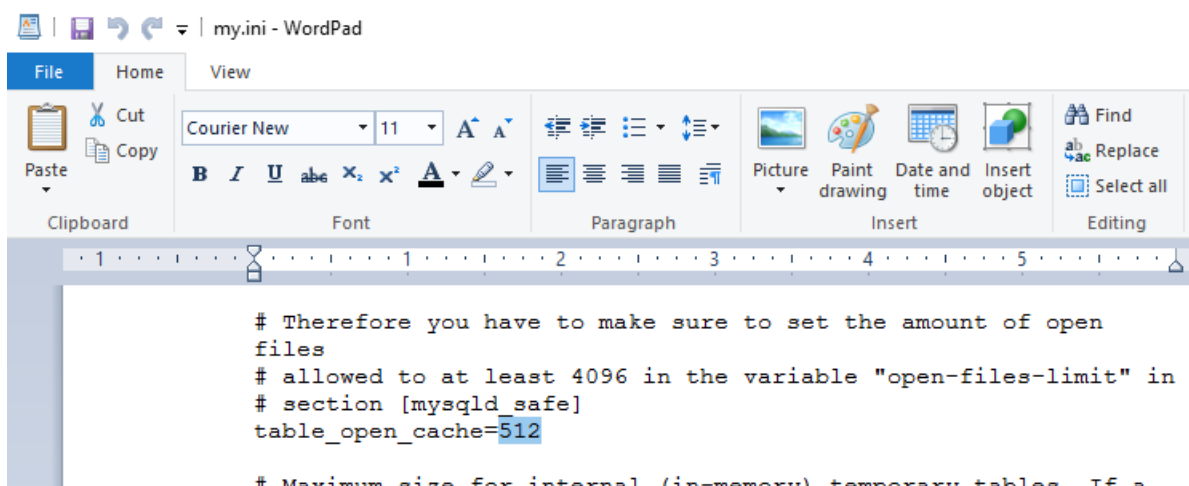
Stop the MySQL service if it is running:



Open `C:\ProgramData\MySQL\MySQL Server 5.7\my.ini` in **Wordpad** and set `character-set-server=latin1`



Change `table_open_cache` to be 512



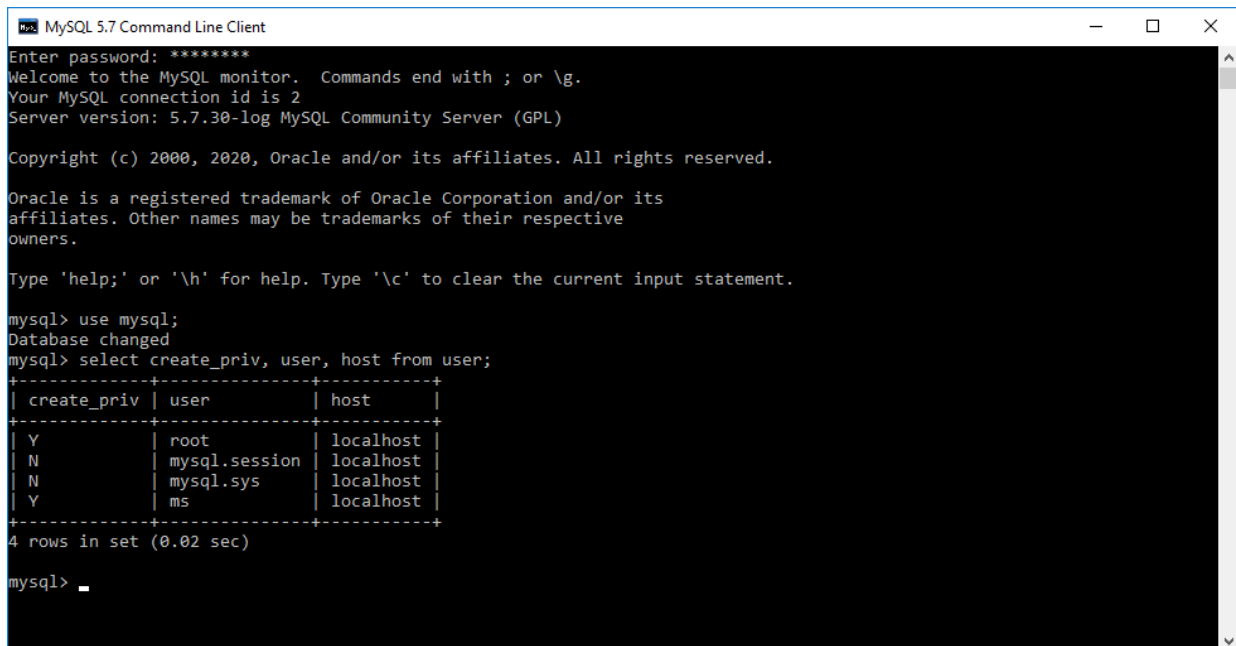
Save the file as 'Plain text document'. If using Notepad then the MySQL service will not start...

Delete the `ib_logfile*` files located in `C:\ProgramData\MySQL\MySQL Server 5.7\data` folder.

<Reboot the Server>

Use MySQL client to check that the ms user exists and has create_priv privileges. Issue commands:

```
mysql> use mysql;
mysql> select create_priv, user, host from user;
```



The screenshot shows a terminal window titled "MySQL 5.7 Command Line Client". The user enters a password (masked with asterisks) and is welcomed to the MySQL monitor. The user then enters the command `use mysql;`, which changes the database to 'mysql'. Next, the user enters `select create_priv, user, host from user;`, which returns a table of user privileges. The table has four rows: root (Y), mysql.session (N), mysql.sys (N), and ms (Y). The window also displays copyright information and help instructions.

```
MySQL 5.7 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.7.30-log MySQL Community Server (GPL)

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owners.

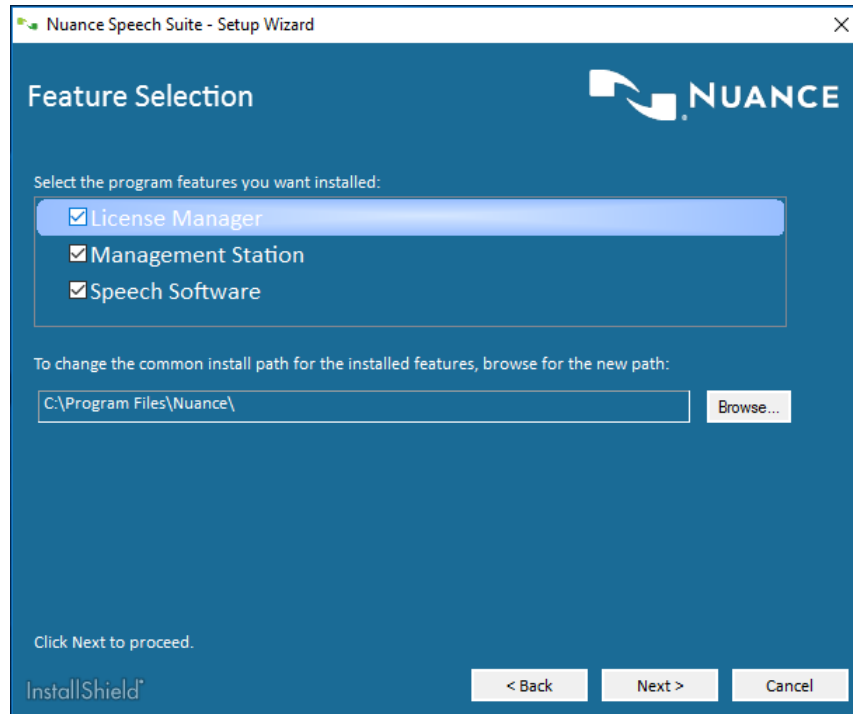
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use mysql;
Database changed
mysql> select create_priv, user, host from user;
+-----+-----+-----+
| create_priv | user          | host      |
+-----+-----+-----+
| Y           | root         | localhost |
| N           | mysql.session | localhost |
| N           | mysql.sys    | localhost |
| Y           | ms           | localhost |
+-----+-----+-----+
4 rows in set (0.02 sec)

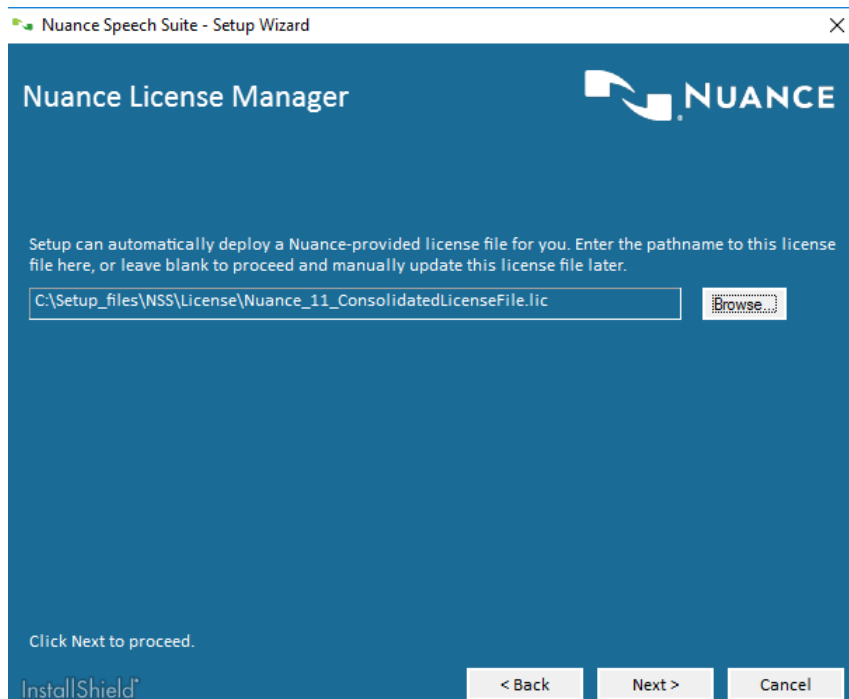
mysql> _
```

Install NSS 11.08

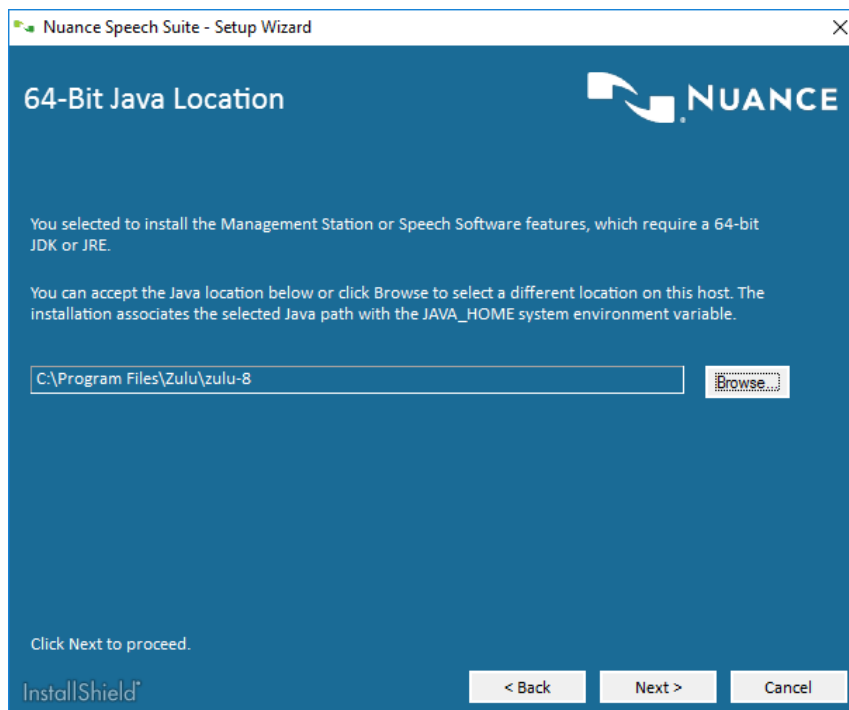
The installation package is available in the *NSS* folder in the temp folder where the installation package was extracted. Right click on '*Nuance Speech Suite 11.0.exe*' and select '*Run as Administrator*'. If all Nuance components are to be installed on this server then select all three components: License Manager, Management Station and Speech Software:



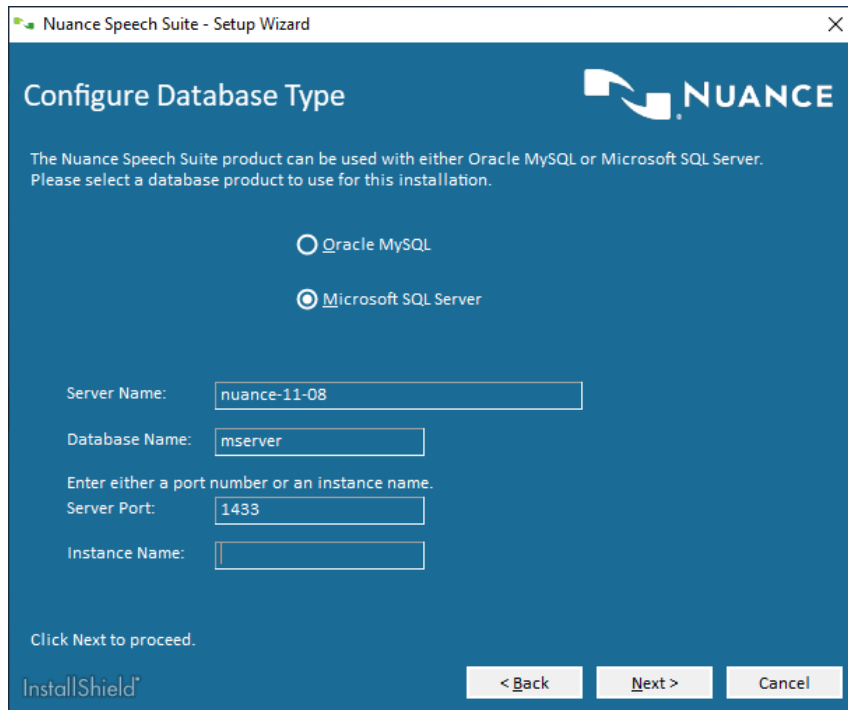
Enter the location of the Nuance License file. It is available in the folder *NSS\License* and is named *Nuance_11_ConsolidatedLicenseFile.lic*:



Enter the location of the Java JDK installation:



Select database type.
If MS SQL Service is used:



Nuance Speech Suite - Setup Wizard

Configure Database Type

The Nuance Speech Suite product can be used with either Oracle MySQL or Microsoft SQL Server. Please select a database product to use for this installation.

☐ Oracle MySQL

☒ Microsoft SQL Server

Server Name:

Database Name:

Enter either a port number or an instance name.

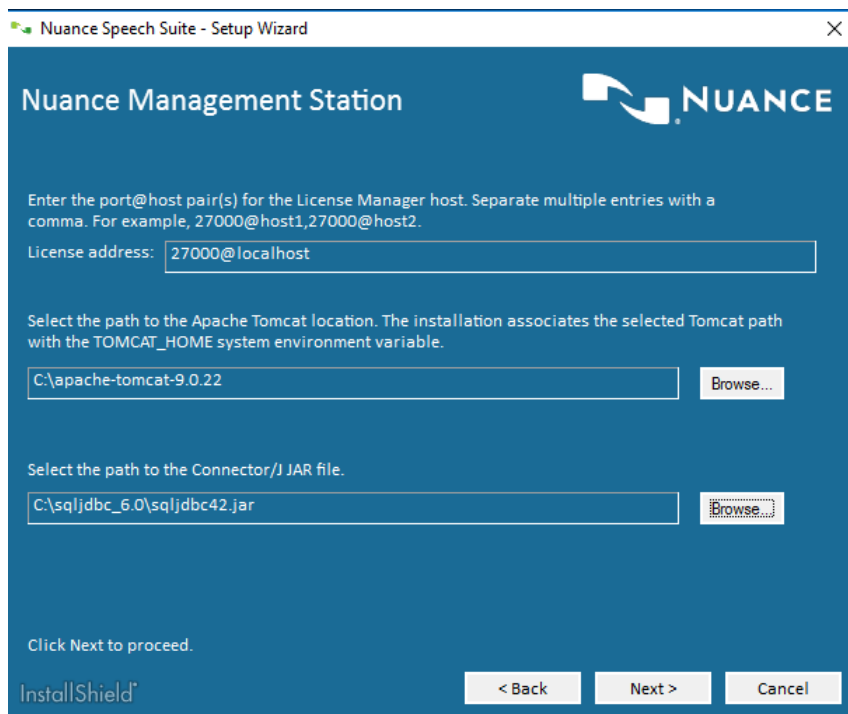
Server Port:

Instance Name:

Click Next to proceed.

InstallShield®

< Back Next > Cancel



Nuance Speech Suite - Setup Wizard

Nuance Management Station

Enter the port@host pair(s) for the License Manager host. Separate multiple entries with a comma. For example, 27000@host1,27000@host2.

License address:

Select the path to the Apache Tomcat location. The installation associates the selected Tomcat path with the TOMCAT_HOME system environment variable.

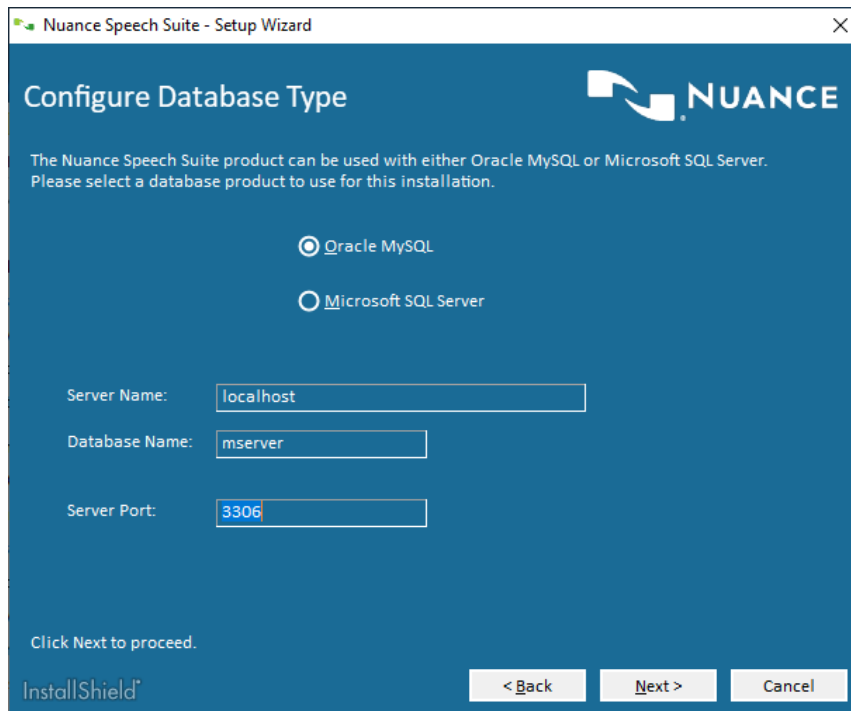
Select the path to the Connector/J JAR file.

Click Next to proceed.

InstallShield®

< Back Next > Cancel

If MySQL is used:



The screenshot shows the 'Configure Database Type' window of the Nuance Speech Suite Setup Wizard. The window has a blue header with the Nuance logo and title. Below the header, there is a text block explaining that the product can be used with either Oracle MySQL or Microsoft SQL Server. Two radio buttons are present: 'Oracle MySQL' (selected) and 'Microsoft SQL Server'. Below these, there are three text input fields: 'Server Name' with 'localhost', 'Database Name' with 'mserver', and 'Server Port' with '3306'. At the bottom, there is a 'Click Next to proceed.' instruction, the 'InstallShield' logo, and three buttons: '< Back', 'Next >', and 'Cancel'.

Nuance Speech Suite - Setup Wizard

Configure Database Type

The Nuance Speech Suite product can be used with either Oracle MySQL or Microsoft SQL Server. Please select a database product to use for this installation.

☒ Oracle MySQL

☐ Microsoft SQL Server

Server Name:

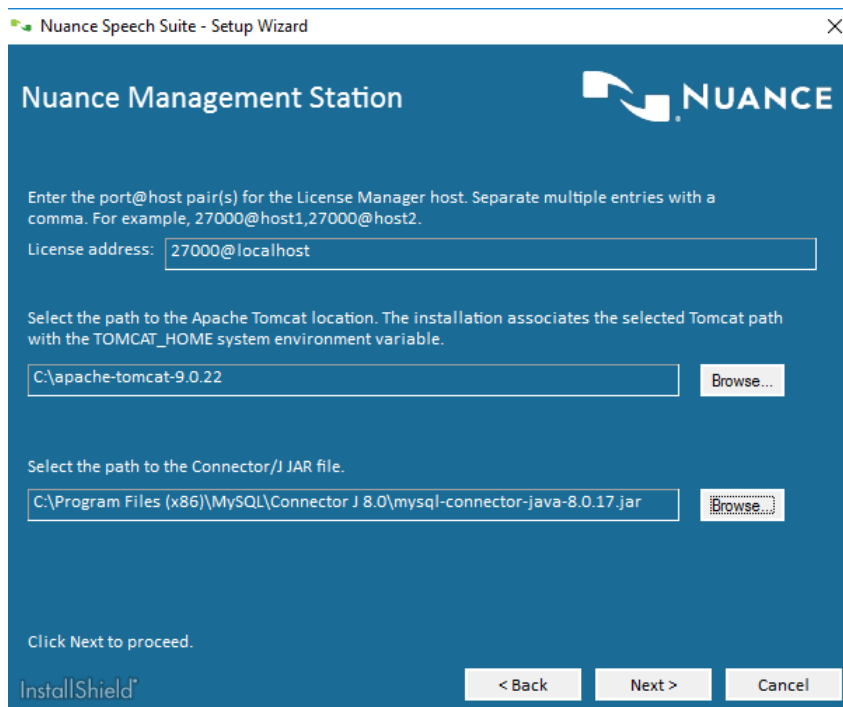
Database Name:

Server Port:

Click Next to proceed.

InstallShield®

< Back Next > Cancel



The screenshot shows the 'Nuance Management Station' window of the Nuance Speech Suite Setup Wizard. The window has a blue header with the Nuance logo and title. Below the header, there is a text block explaining that the user should enter the port@host pair(s) for the License Manager host. A text input field labeled 'License address:' contains '27000@localhost'. Below this, there is a text block explaining that the user should select the path to the Apache Tomcat location. A text input field contains 'C:\apache-tomcat-9.0.22' and a 'Browse...' button is next to it. Below this, there is a text block explaining that the user should select the path to the Connector/J JAR file. A text input field contains 'C:\Program Files (x86)\MySQL\Connector J 8.0\mysql-connector-java-8.0.17.jar' and a 'Browse...' button is next to it. At the bottom, there is a 'Click Next to proceed.' instruction, the 'InstallShield' logo, and three buttons: '< Back', 'Next >', and 'Cancel'.

Nuance Speech Suite - Setup Wizard

Nuance Management Station

Enter the port@host pair(s) for the License Manager host. Separate multiple entries with a comma. For example, 27000@host1,27000@host2.

License address:

Select the path to the Apache Tomcat location. The installation associates the selected Tomcat path with the TOMCAT_HOME system environment variable.

Browse...

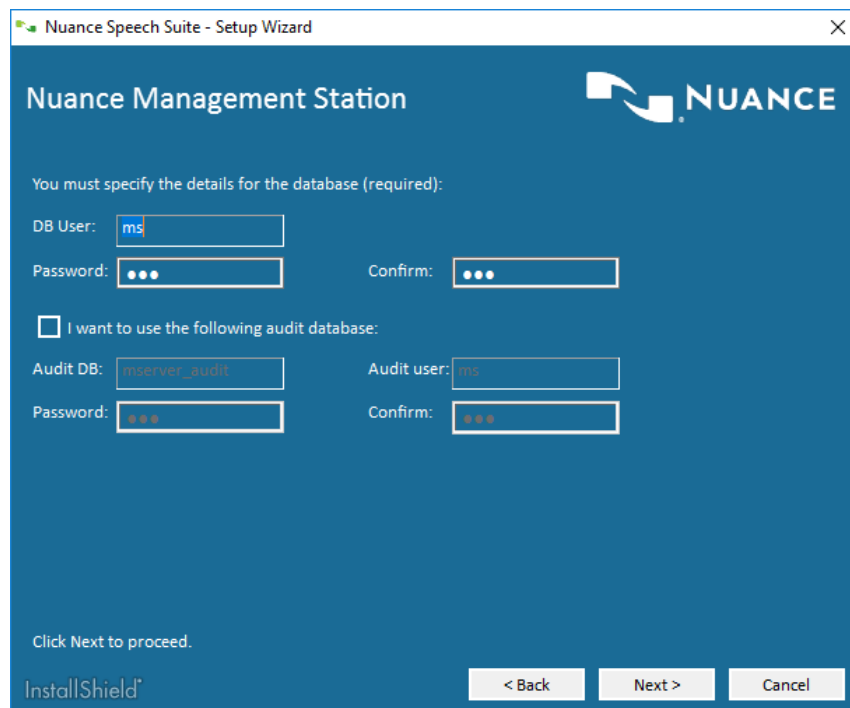
Select the path to the Connector/J JAR file.

Browse...

Click Next to proceed.

InstallShield®

< Back Next > Cancel



Nuance Speech Suite - Setup Wizard

Nuance Management Station

You must specify the details for the database (required):

DB User:

Password: Confirm:

☐ I want to use the following audit database:

Audit DB: Audit user:

Password: Confirm:

Click Next to proceed.

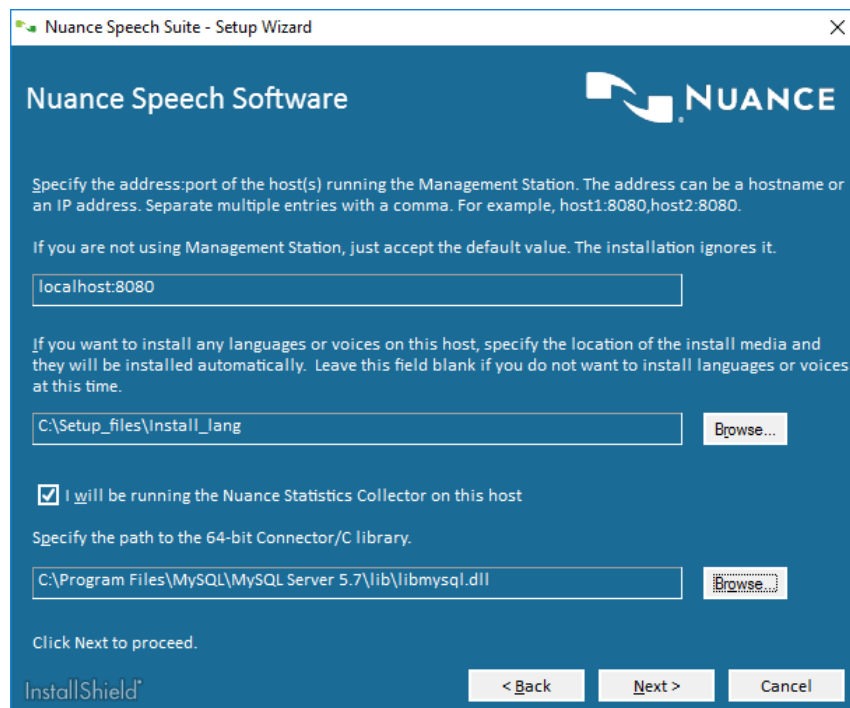
InstallShield®

< Back Next > Cancel

To install the provided US English ASR and TTS languages files then point to the folder *Install_lang* in the folder where the installation package was extracted. Otherwise replace these packages with any language (extracted) from the Recognizer and Vocalizer packages available on SWDL.

If SQL server is used then enter the path to the *msodbcsql17.dll* file that typically is installed in the *C:\Windows\System32* folder.

If MySQL is used the point to the *libmysql.dll* file in the *<drive>:\Program Files\MySQL\MySQL Server 8.0\lib* folder.



Nuance Speech Suite - Setup Wizard

Nuance Speech Software

Specify the address:port of the host(s) running the Management Station. The address can be a hostname or an IP address. Separate multiple entries with a comma. For example, host1:8080,host2:8080.

If you are not using Management Station, just accept the default value. The installation ignores it.

If you want to install any languages or voices on this host, specify the location of the install media and they will be installed automatically. Leave this field blank if you do not want to install languages or voices at this time.

Browse...

☒ I will be running the Nuance Statistics Collector on this host

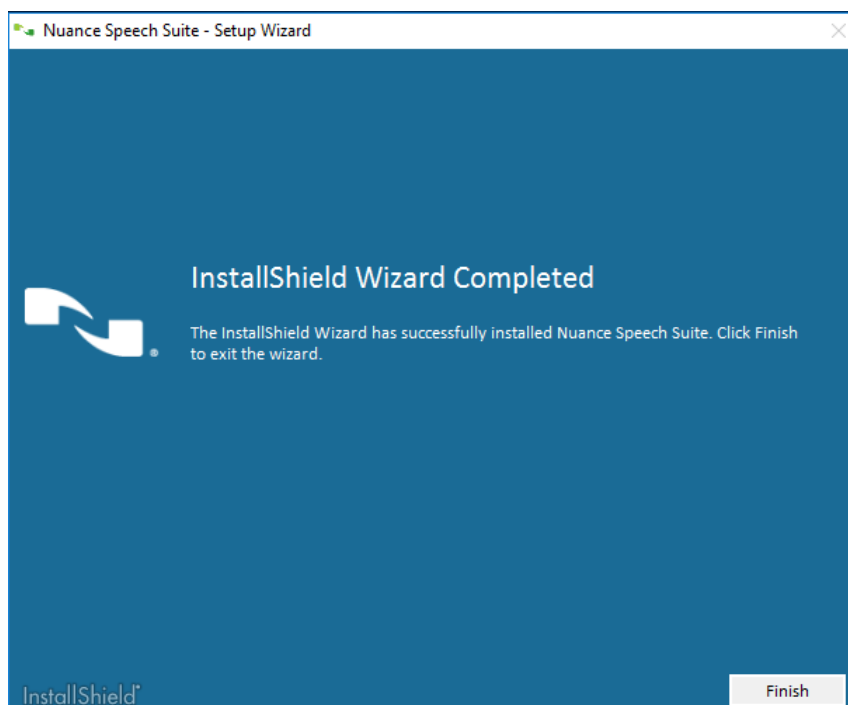
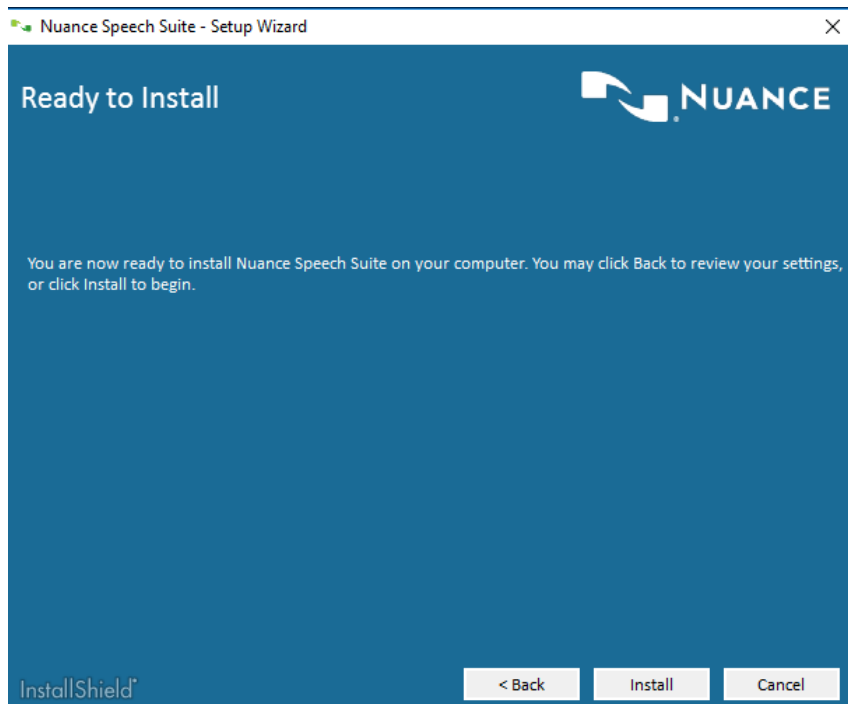
Specify the path to the 64-bit Connector/C library.

Browse...

Click Next to proceed.

InstallShield®

< Back Next > Cancel



Finish up the installation

Copy updated *NSSserver.cfg* file from the *SpeechServer_config* folder to <Drive>:\Program Files (x86)\Nuance\Speech Server\Server\config

Open Services Control Manager and right mouse click on Nuance Speech Server, select Properties and change Startup type to Automatic (Delayed).

Follow the instruction in the Nuance Installation guide how to log on to the Nuance Management Station (user is *Administrator* and initial password in *changeit*) to assign resources and to start the services.