Nuance Mobile
quick reference
guide.

NUANCE

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Prerequisites

Hardware
– Windows operating system (OS) running on a computer with at least a 2
 GHz processor
– Minimum 2 GB of RAM is necessary, but 4 GB or greater is recommended
– Minimum of 20 GB of hard disk space
– NIC Card

Software
Supported Windows operating systems:

– Windows Server 2008 R2 SP1 Enterprise

– Windows Server 2008 (32/64 bit) Standard/Enterprise – with the latest
 service pack
 Important: Make sure that the Windows Server 2008 has Microsoft
 Visual C++ 2005 SP1 (VC80) Redistributable Package 8.0.50727.4027 or
 later, which can be downloaded from the Microsoft web site. Versions of
 mscrt80.dll earlier than 8.0.50727.4027 will not work with the Nuance Mobile
 Server database. Windows Server2008 R2 SP1 does not require any update
 as it already has the later version of mscrt80.dll.

Installing Mobile Server

Follow these steps to install Mobile Server.

– Download the Nuance Mobile Server installation from Software Updates in
 AutoStore.
– Run **Setup.exe** as administrator.
– Click the **Next** button through the remainder of the screens to install the
 application with the default configuration.
– On the **InstallShield Wizard Completed** page, leave the **Launch
 Configuration Manager** check box selected to launch Configuration
 Manager when installation is complete.
– Click **Finish** to complete the installation.
– Proceed to the next section to use Configuration Manager to configure
 Nuance Mobile.

Configuring Nuance Mobile
with Configuration Manager

Once Mobile Server is installed, you must open the Mobile Server
Configuration Manager to configure various settings.

– **Note:** Configuration Manager is available in the **Nuance** group on the
 Windows **Start** menu. The Configuration Manager will open automatically
 after the installation wizard completes if you did not clear the **Launch
 Configuration Manager** check box.

Database configuration

Nuance Mobile relies on a Microsoft SQL Server database to manage transactions. For a quick installation, simply use the embedded (built-in) SQL server.

To configure the embedded SQL Server Compact database:

– Click the **Create Database** button.
– Click the **Apply** button.

Figure 1. Change Password dialog box
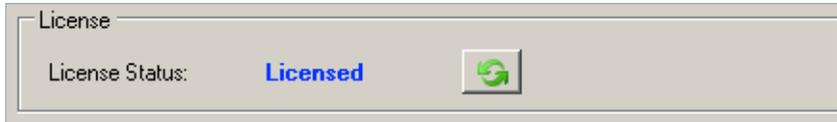

– **Note:** the **Current Password**, is "nuancemobile"

AutoStore configuration

– From Configuration Manager, click the **AutoStore** tab:

Figure 2. Mobile Server Configuration

– Make sure that **Server Address** shows the correct address for the AutoStore server. You can enter "localhost" if Nuance Mobile Server is running on the same machine as AutoStore.
– In the **Mobile Service port**, enter the port you will be using for Mobile Server communication.
– Click **Apply**, and then click the refresh button in the **License** box.
– The License Status should change to "Licensed" if Nuance Mobile Server connects successfully to the AutoStore server.


Important: For Nuance Mobile Server to communicate with AutoStore and show the "Licensed" status, the WebCapture service must be running, and the port number shown here must match the **Mobile Service port** number in the WebCapture **Mobile Server** settings. See Configuring WebCapture Endpoint for Nuance Mobile Server in this document.
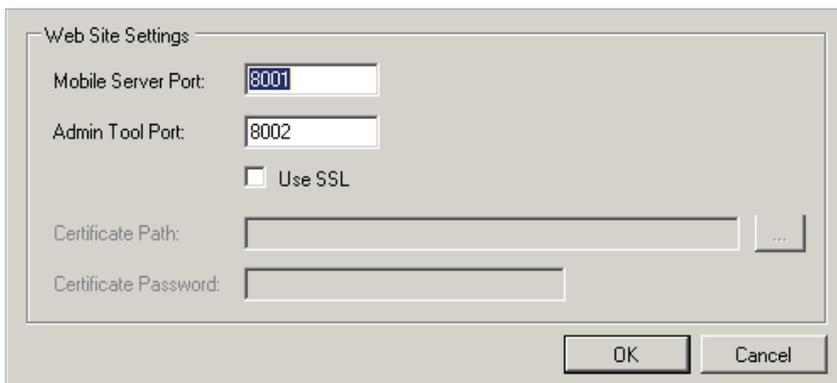
Mobile Server configuration

– From Configuration Manager, click the **Mobile Server** tab:

Figure 3. AutoStore Configuration
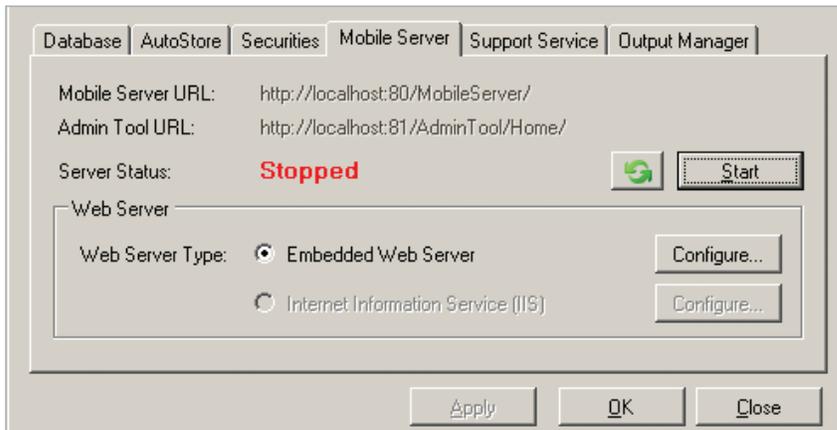
– If the **Server Status** is "Running," click **Stop**.
– Click **Configure**. The Configuration window appears.

Figure 4. Embedded Web Server Configuration Window

– Then click **OK** to close the configuration window.
– Click **Apply** to save the settings.
– Click **Start** to start the service.

Security Keys configuration

This page is for the security keys needed to encrypt the credentials that are sent between the client and the server. Every time the Mobile Server is installed, a new set of keys must be generated.

To configure security keys:

– In the Configuration Manager, click the **Securities** tab. This displays the **Security Keys Configuration** page.

Figure 5. Security Keys Configuration

– Enter a **Password**, then click **Create**.
  A confirmation message appears, indicating that the security keys were successfully created.
– Next to **Built-in Admin password**, type the password for the "admin" user. The admin user password allows a Nuance Mobile administrator to access the Nuance Mobile Administrator Tool using the "admin" user name. The default password is "admin."
– Click **Apply** to save the security settings. If necessary, you can review the configuration settings on any of the pages.
– Click **OK** to finish configuration. This will also close Configuration Manager.

Launch Admin Tools

At this point, you can log into Admin Tools to perform initial setup before other users are configured as administrators using the default "admin" user name.

You can launch Admin Tools from a link in Configuration Manager. Or, you can note the Admin Tool URL and enter it in your browser. You may want to add it to your browser Favorites.

To launch Admin Tools:

– In Nuance Mobile Server Configuration Manager, click the
 Mobile Server tab.
– Click the link to **Admin Tool URL**.

Figure 6. Admin Tools URL
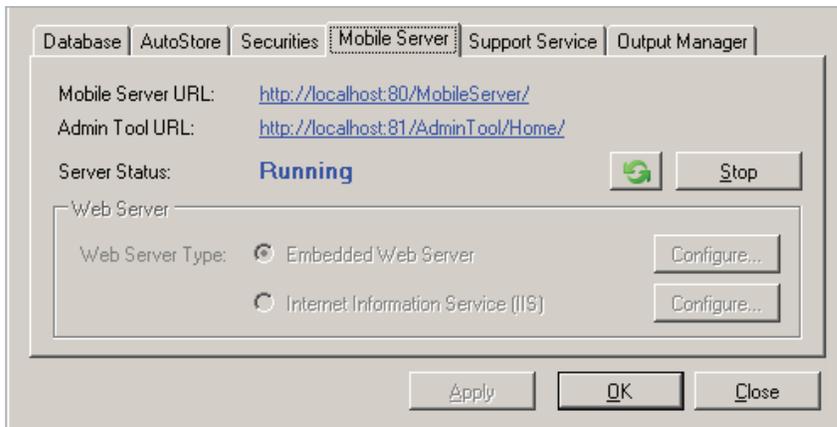
– Log in with the user name "admin" and the password entered on the
 Securities tab. The default password if you did not change it is "admin."

 Note: At this point, switch back to the Configuration Manager to close it.
 Click **OK** to make sure your settings are saved. Then, click **Close**.

– Refer to the **Nuance Mobile Administrator Guide** for information about
 using Admin Tools.

Configuring Webcapture for Nuance Mobile Server

WebCapture must open a communication port that is accessible to Mobile
Server. Webcapture is also the authentication provider for Nuance Mobile,
and it can be configured to fetch the users' home directory path. All these
settings are configured in AutoStore Process Designer (APD).

Note: Refer to your AutoStore documentation for more information about
AutoStore Process Designer.

Note: If WebCapture is already in use in a configuration, it is highly
recommended that you set up a new and separate task dedicated to
Nuance Mobile.

To configure WebCapture communication port for Mobile Server:

– APD, double-click the **WebCapture** icon in a workflow.
– Click the **Mobile Server** tab.

Figure 7. Service settings for Mobile Server in WebCapture

– For **Mobile Service port**, enter the port you will be using for Mobile Server communication.
– **Important:** The value entered here must match the value entered for **Mobile Service port** in the on the **AutoStore** tab of Nuance Mobile Server Configuration Manager. See AutoStore Configuration in this document.

To configure WebCapture for authentication of Nuance Mobile users:

– Click the **Authentication** tab.

Figure 8. WebCapture Authentication

– For **Authentication Type**, choose the authentication type that you are using:
  - Active Directory
  - LDAP authentication
  - Custom script (requires a Custom Development license)

– Configure the settings to authenticate users and groups for the selected
authentication type.
– Save and restart the task.

To configure WebCapture to fetch users' home directories:

– If not already there, start APD and double-click the **WebCapture** icon in the
workflow.
– Click the **Authentication** tab.

Figure 9. WebCapture Authentication

– Select the **Use an LDAP search to retrieve additional user information**
check box.
– Click **Configure** to open the LDAP Lookup Settings dialog box.

Figure 10. LDAP Lookup Settings

– Fill in the following fields:

For this option	Do this
LDAP server	Enter the LDAP server address. This is the same as the address for the domain controller.
Root DN	Enter the domain's Root Distinguished Name.
Login credentials	– If the LDAP server allows anonymous login, choose the **Login as anonymous** option. – If it does not, choose the **Login with following credentials** and provide the **User name** and **Password**.
Directory Type	Choose **Active Directory.**
Additional Attributes	Enter homeDirectory. If there are additional attributes that are needed for workflows, enter them here as well and separate them with ";"

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