



PBS INSTALLATION GUIDE FOR WINDOWS OPERATING SYSTEM

Version 1.0

Introduction.

This document outlines the installation of PBS on Windows Operating systems. The steps are designed for Windows 7 and 10 operating systems.

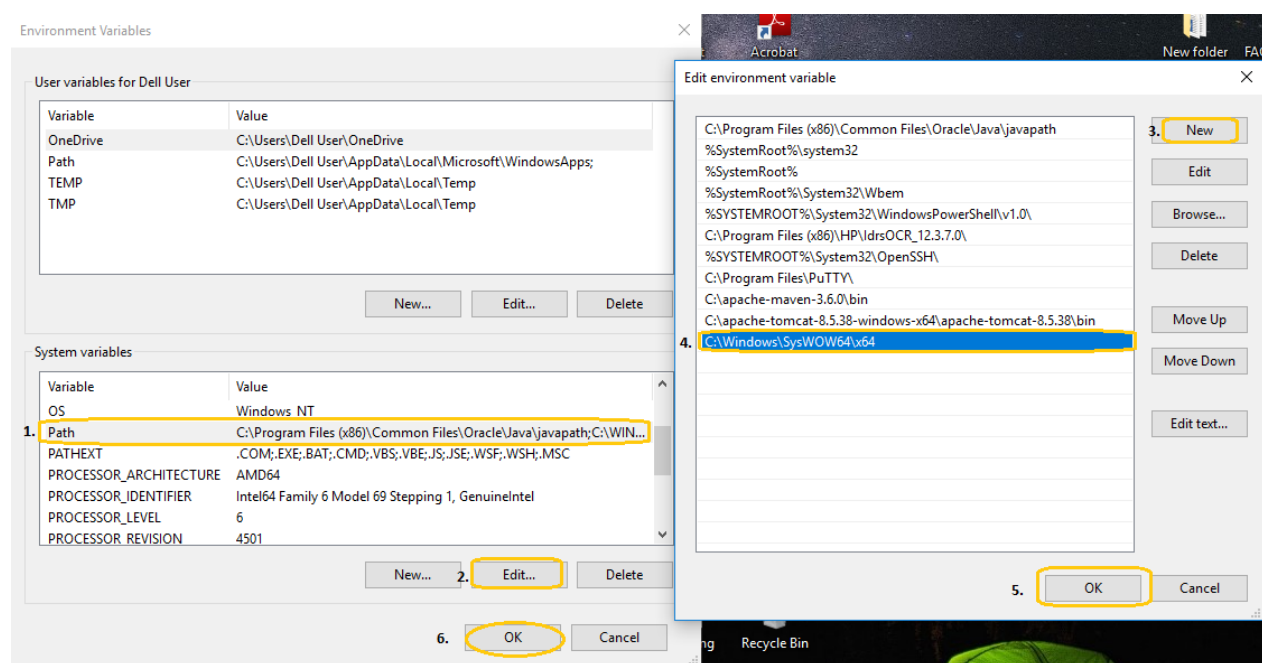
Requirements and Dependencies.

- Windows 7/10 Operating Systems.
- Oracle java JRE 1.8.
- Duly installed Secugen device.
- "X64", "win32" USB libraries.
- "NMRS-Biometric-deploy" folder.
- Text Editor.
- Existing OpenNMRS Installation with all required modules.

Step 1. Deploy USB libraries.

OS Architecture	Procedure
<ul style="list-style-type: none">• 32 bits• 64 bits	<ul style="list-style-type: none">• Copy the win32 folder into C:\windows\system32• Copy the x64 folder into C:\windows\SysWOW64

Step 2. Set the Environment variables.



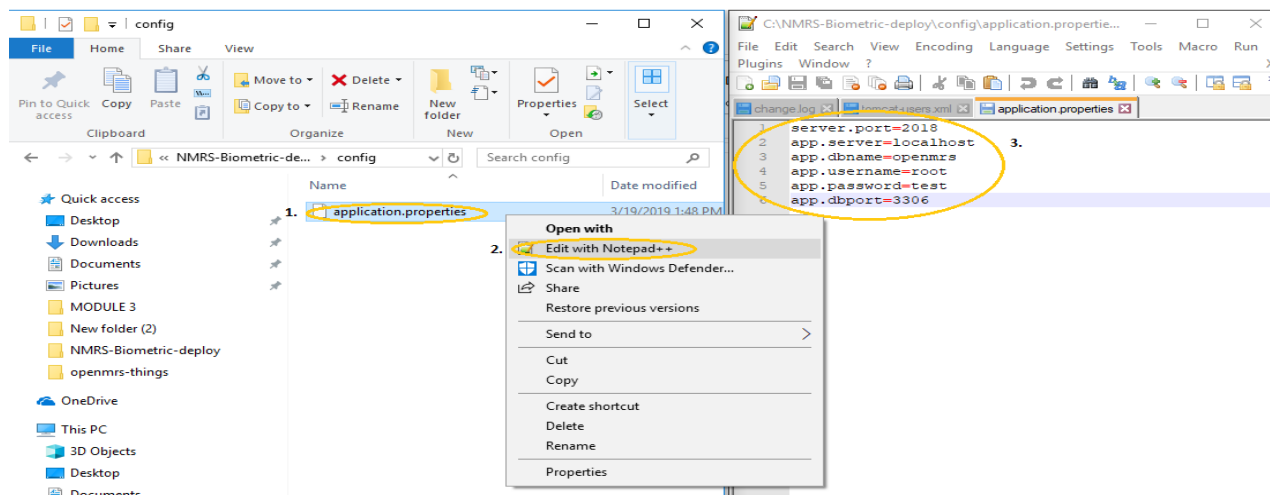
OS Architecture	Path
<ul style="list-style-type: none"> • 32 bits • 64 bits 	<ul style="list-style-type: none"> • C:\windows\system32 • C:\windows\SysWOW64

Step 3. Install and configure biometric service.

- Copy NMRS-Biometric-deploy to preferred directory.
- Edit the configuration file. The configuration folder contains a configuration file named “**applications.properties**”.

Details of the configuration are outlined below

Server.port	DO NOT MODIFY THIS.
App.server	Database server host.
App.dbname	openmrs database name.
App.username	Database username).
App.password	Database password.
App.dbport	Database server port.



- Open command prompt as **ADMINISTRATOR**.
- CD to the NMRS-Biometric-deploy path
- Run NMRS-Bio.exe install.
- If the above command runs without errors, then the installation is successful, and the service should be available on windows services.
- Reboot computer system.

Notes.

- Switching USB ports will require biometric service restart.
- Avoid switching USB ports when fingerprint capture is in progress.
- Apply lotion/water on dry fingers, clean wet fingers to effective fingerprint capture.
- Ensure fingerprint capture devices are firmly connected to USB ports.