



# **Nexus Release Notes**

Version 3.06.02

Pukka-j Limited

## **Version 3.06.02**

**Release Date:** January 31, 2025

### **1 Introduction**

This is a sub version patch for some bug fixes and small alterations.

### **2 New Features**

None

### **3 Improvements**

#### **3.1 Logging**

Updated the logging of stack traces into the main log to include the top level log message. Improved some logging in parts of the code. Started to move errors from the std error log into the main log.

#### **3.2 JSON Parsing**

The JSON parsing was moved to an external library from the kernel jar into a json.jar file as it is an external dependency. The json.org library was included in the kernel but the most recent build is now used from json.org as a separate file.

#### **3.3 HTTP Factory**

The code for creating HTTP responses was updated to normalise certain responses and refactoring of the code.

#### **3.4 Stream Closing**

Updated the DICOM release request to ensure that streams are closed upon a release request/response.

### 3.5 Query Factory

Changed the SQL query to use a class instance created in the constructor of the abstract factory instead of the using the Singleton design.

### 3.6 Delay Node Config

The configuration in the delay node only allowed set periods for a delay. This has been updated to allow any user defined seconds value.

### 3.7 Unused Code Removal

Refactoring removal of classes no longer referenced in the code.

## 4 Bug Fixes

### 4.1 Delay Node

**Issue:** The delay node was delaying on every file rather than at the study level.

**Resolution:** The logic has been updated to ensure all file in a study have a single delay rather than one per image.

### 4.2 Email Alert Config

**Issue:** There was an issue with the alert node configuration for the custom email body. The config key had changed slightly, so configs created on older versions of Nexus didn't get loaded to the UI correctly.

**Resolution:** The check is now in place to look for the older version of the config key..

## 5 Known Issues

There are no known issues.

## 6 Installation Instructions

Before making any changes, the **docs** and **lib** folders in the install directory should be backed up along with the **nexus.jar** in the install root.

The libraries required for this release are:

**nexus.jar** 3.06.02  
**pjk.jar** 1.20.02  
**pacsoology.jar** 1.25.02  
**mint.jar** 1.28.02

Plugin library versions are:

**anon.jar** 1.12.06  
**broker.jar** 1.12.04  
**redact.jar** 1.11.04

For Origin users:

**websocket.jar** 1.12.02

An update MySQL library is potentially required depending upon the MySQL service.

The UI is updated via the files:

**cloe.js.gz**  
**pj.css**