



## **Network Manager Fix Release Notes**

**4.8.0.x Fix 1**

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## 1. Introduction

This document defines the changes made to the Network Manager product for 4.8.0.x Fix 1 and is specifically targeted at end users.

After reading through this document, should you have any further training or consultancy requirements then please contact your Bentley account manager.

## 2. Fix Details

<b>Fix Details Baseline Release</b>	4.8.0.x
<b>Fix Description</b>	Network Manager 4.8.0.x Fix 1 Patchset
<b>Prerequisites</b>	
<b>Implementation Instructions</b>	<p>The staging folder is the location of the folder that <b>exnm04080002en_updt1.zip</b> was extracted to (the folder containing this readme).</p> <p>Go to the relevant exor\bin directory on the Oracle Weblogic Server and rename the following files:-</p> <p style="padding-left: 40px;">webutil.plx to webutil_old.plx  doc0100.fmx to doc0100_old.fmx  doc0120.fmx to doc0120_old.fmx  hig2510.fmx to hig2510_old.fmx  hig1815.fmx to hig1815_old.fmx</p> <p>Then copy in the new version of the file from the staging folder.</p> <p>Go to the relevant &lt;ORACLE_HOME&gt;\forms\java directory on the Oracle WebLogic Forms Server and rename the following files –</p> <p style="padding-left: 40px;">exor-mapviewer.jar to exor-mapviewer_old.jar  exor_login_util.jar to exor_login_util_old.jar</p> <p>Then copy in the following jars from the staging folder directory –</p> <p style="padding-left: 40px;">exor_login_util.jar  exor-mapviewer.jar</p> <p>If the Java Shapefile Tool has been configured, as specified in Section 4.6 of <i>Core Release Notes v4.8.0.0.pdf</i> document, identify the location of sde2shp.jar and rename: -</p> <p style="padding-left: 40px;">shp2sde.jar to shp2sde_old.jar</p> <p>Then copy in the shp2sde.jar from the staging folder</p> <p>Log onto SQL*Plus as the Highways Owner with the staging folder as the working directory.</p> <p style="padding-left: 40px;">At the prompt type START nm_4800_fix1.sql and press return.</p> <p>Exit SQL*Plus</p>
<b>Limitations</b>	
<b>Configuration Information</b>	None
<b>How To Test</b>	Recommend full regression test
<b>Rollback Strategy</b>	Initially implement on a test environment

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### 3. List of Amended Files

Filename	Version
webutil.plx	5.4
doc0100.fmx	5.3
doc0120.fmx	5.8
hig2510.fmx	5.2
hig1815.fmx	5.4
sdo_lrs.pkw	1.6
sdo_lrs.pkh	1.4
nm3_java_utils.pkh	1.1
nm3sdo.pkw	2.102
nm3jobs.pkw	3.15
nm3web.pkw	2.7
nm3close.pkw	2.24
nm3invval.pkw	2.24
nm3undo.pkw	2.38
register_aggr_theme.prw	1.1
CMDUtilities.java	1.2
exor-mapviewer.jar	1.12
exor_login_util.jar	1.5
shp2sde.jar	1.2
mci_ldjava_11g.bat	1.0
nm_4800_fix1.sql	1.2

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## 4. New Roles

This fix introduces three new roles that are related to specific Java functions and these roles will need to be granted to any user that intends to use the following operations:

<b>EXTRACT_SHAPE_FILE</b>	This role is required for anyone who wishes to extract a Shapefile from the system.
<b>UPLOAD_SHAPE_FILE</b>	This role is required for anyone who wishes to upload a Shapefile into the system.
<b>CHECK_XSS</b>	This role is required for all TIG users to use the identify XSS vulnerable URLs and prevent such attacks.

## 5. Java Tools

### 1. Creation of Additional Database Objects –

Run **mci\_ldjava\_11g.bat** from **Command Prompt** with staging folder as working directory.

**Usage:** `mci_ldjava_11g.bat user/pass@connect`

#### Note –

- The system executing this batch file must have **loadjava** utility. This can be confirmed by running the command `loadjava -help` on a **Command Prompt** on the system, if it shows the help options, the batch file can be run. Generally, **loadjava** is available on systems with Oracle Database or Oracle Database Client or Forms & Reports Server installed.
- In case the system has *more than one Oracle Homes*, e.g. installing Oracle Database Server, Oracle Database Client – 32 bit and Oracle Database Client – 64 bit on the same system creates three Oracle Homes, **PATH** Environment Variable needs to be set before running the batch file on the **same Command Window**. **First entry** in the **PATH** variable must be the Oracle Home directory path for the **Database Server**.

```
C:\Stage\exnm04070001en_updt17>SET PATH=D:\Oracle\Product\11.2.0.2\Bentley;%PATH%
C:\Stage\exnm04070001en_updt17>mci_ldjava_11g.bat user/password@connect
```


- User must be the **Highways Owner**.

### 2. Creation of Environment Variable for MapCapture –

A new environment variable called – **SDE\_UTIL\_PATH** will need to be created on the database server that points to the Shapefile jars (e.g. `sde2shp.jar`, `shp2sde.jar` etc.) location.

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After creation the database server will need to be **restarted**.

### 3. Creation of Environment Variable for TIG –

A new environment variable called – `XSS_UTIL_PATH` will need to be created on the database server that points to the `tig-xss.jar` location (Please refer “*Transportation Intelligence Gateway Deployment Guide*” for more details on `tig-xss.jar`).

After creation the database server will need to be **restarted**.

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## 6. Log No. Summary

This chapter summarises all software issues that have been addressed by this fix.

For issues raised by customers, Bentley Technical Support Group (TSG) Ticket Numbers are cross referenced where applicable.

<i>Details</i>	<i>Internal Reference</i>	<i>TSG Ticket Number</i>
When attempting to associate a document in DOC0120, exception 'ORA-0000 Normal, successful completion.' is produced	Defect 1066410	SR# 7000849558 SR# 7000885943 SR# 7000978511 SR# 7000980688
AWLRS failure with 4.8 NSG due to sdo_lrs prerequisite	Defect 1068326	
MCI - Error creating defect on asset	Defect 1063841	
Can't load a document via Load document bundles.	Defect 1055200	
Update Copyright notice and version for 4.8 release in CSV Upload page.	Defect 1050906	
Can't run register_aggr_theme.sql.	Defect 1052253	
Document display doesn't work in Associated documents form (app and db locations).	Defect 1054916	
Implementation Version is incorrect under the Applet Info button on the Locator map	Defect 1062444	
After applying Core 4700 Fix 62, if a hierarchical asset contains a child asset that has been end-dated in the past, the parent asset cannot be closed. Exception 'ORA-20000: NET-0012: End date is out of range of parent..' is encountered	Defect 1073834	SR# 7001010065
In Documents form (DOC0100), when attempting to display a document the form crashes	Defect 1074745	

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