

# Minerva 10.6.1 LA Admin UI 1.9 LA Upgrade Patch 011 Installation and Upgrade Guide

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## Installation Requirements Minerva 10.6.1 LA Admin UI 1.9 LA Upgrade Patch 011

### Environment Prerequisites

These instructions assume the following about the environment:

- It has all Back-Office systems at Minerva Back-Office 10.6.1 LA
- It is virtualized (on VMs).
- Red Hat:
  - Installation: v7.5
  - Upgrade: v6.5 or v7.5
- It has Oracle database release 11.2.0.4 or 12.2.0.1.0 installed.
- It has WebLogic Server Version 10.3.6.0.
- It has Java SE Development Kit 7 Update 321 or later (required for communication with Minerva 11). Note that newer JDK updates are not publicly available and a subscription is required to download them.
- It has EPG Provider.
- It has NTP configured correctly on the DSS, Edge and Edge Panel nodes.
- It has an NFS server mounted in the /u0x/images/ directory of all Application and Admin servers of the system.

#### Note:

MAUI can be upgraded from any previous version; there is no need to upgrade the current version before installing the upgrade target version.

## Release Component Minerva 10.6.1 LA Admin UI 1.9 LA Upgrade Patch 011

Component	Version
M10 Admin UI 1.9.0 LA Patch 11	MAUI-bundle-1.9.12.1.156.R.265912

## User Name and Password Requirements

For User Names and Passwords for the system or procedure, log in to the Minerva Support Site and search for Knowledgebase article #36329.

The following user names and passwords are necessary for the execution of this procedure:

- **Main User.**
- **Manager User.**

# Installation and Upgrade Procedure Minerva 10.6.1 LA Admin UI 1.9 LA Upgrade Patch 011

## Acquire and Extract the Minerva Distribution Software

**Note:**

The MAUI database (DB) RPM is new to Minerva 10.6.1 LA Admin UI 1.9 LA Upgrade Patch 011 and is not applicable to any earlier releases.

On each Minerva server, download the Minerva 10.6.1 LA Admin UI 1.9 LA Upgrade Patch 011 distribution files as follows:

1. Log in to the server as a **Main User** and copy the MAUI ISO file to directory **/u0x/MAUI-1\_9\_11\_LA**:

```
# mkdir -p /u0x/MAUI-1_9_11_LA
# cd /u0x/MAUI-1_9_11_LA
```

2. Mount the ISO file and copy the contents to **/u0x/MAUI-1\_9\_11\_LA**:

```
# mount -t iso9660 -o loop MAUI-bundle-*.iso /media/cdrom/
# cp -r /media/cdrom/* /u0x/MAUI-1_9_11_LA/
# umount /media/cdrom/
```

3. Proceed to the next section.

## Stop WebLogic and the itvmgr Processes

Perform these steps on all Application and Admin servers:

1. Log in to the server as, or switch to, the **Manager User**.
2. Stop the Back-Office services:

```
$ itvmgrctl stop all
```

3. Navigate to directory **/itvmgr/bin** and stop WebLogic:

```
$ cd /itvmgr/bin
$ sudo ./weblogic.sh forcestop
```

4. Proceed to the next section

## Install/Upgrade the Admin UI Database RPM

Follow these steps to install/upgrade the Minerva 10.6.1 LA Admin UI 1.9 LA Upgrade Patch 011 Database RPM on the Single-Tier or on the database server(s) of the Multi-Tier environment:

1. Log in to the server as, or switch to, the **Main User**.
2. Install or upgrade the MAUI DB RPM:

```
# cd /u0x/MAUI-1_9_11_LA/
```

**For Installation:**

```
# rpm -ivh MAUIDB-RPM-Build-1.9*.rpm
```

#### To Upgrade:

```
# rpm -Uvh MAUIDB-RPM-Build-1.9*.rpm --nodeps --force --nopreun
```

3. Verify the MAUI DB RPM installed version. There is one option for verifying the version:

#### Option 1:

```
# rpm -qa | grep -i MAUIDB
```

#### Example Output:

```
MAUIDB-RPM-Build-1.9.12.1.156.R.265912-1.x86_64
```

#### Note:

Disregard the "Records already exists" messages that are output from running the MAUI DB rpm.

4. Proceed to the next section.

## Start WebLogic and the itvmgr Processes

Perform the following steps on each non-database server:

#### Important:

Conditional access requires the restart of CAS "itvmgrctl start cas" before restarting WebLogic.

1. Log on to the system as, or switch to, the **Manager User**.
2. Start Conditional Access:

#### Important:

Conditional access requires the restart of CAS "itvmgrctl start cas" before restarting WebLogic.

```
$ itvmgrctl start cas
```

3. Navigate to directory **/itvmgr/bin** and start WebLogic:

```
$ cd /itvmgr/bin
$ sudo ./weblogic.sh start
```

4. Wait two or three minutes, then check the WebLogic status as follows:

```
$ sudo ./weblogic.sh status
```

If WebLogic is completely started, the console returns the following message:

```
Weblogic is up and running
```

If WebLogic is not completely started, the console returns the following message:

```
Weblogic process running, but still not completely started
```

**Important:**

If WebLogic is not completely started, wait a while longer, then rerun the **weblogic.sh** script again with the **status** attribute to get a status update. Don't proceed until WebLogic is completely started.

Note that the appearance of the command prompt after the WebLogic start command is executed is not an indication that WebLogic is running.

- Restart all **itvmgrctl** processes:

```
$ itvmgrctl start all
```

- Proceed to the next section.

## Install/Upgrade the Admin UI RPM

Follow these steps to install/upgrade the Minerva 10.6.1 LA Admin UI 1.9 LA Upgrade Patch 011 RPM on the Single-Tier or on the admin server(s) of the Multi-Tier environment:

- Log in to the server as, or switch to, the **Main User**.
- Install or upgrade the MAUI RPM:

```
# cd /u0x/MAUI-1_9_11_LA/
```

**For Installation:**

```
# rpm -ivh MAUI-RPM-Build-1.9*.rpm
```

**To Upgrade:**

```
# rpm -Uvh MAUI-RPM-Build-1.9*.rpm --nodeps --force --nopreun
```

- Verify the MAUI RPM installed version. There are two options for verifying the version:

**Option 1:**

```
# cat /itvmgr/app/backOfficeUI/maui-version.json
```

**Example Output:**

```
{ "buildVersion" : "1.9.12.1.156.R.265912" }
```

**Option 2:**

```
# rpm -qa | grep -i MAUI
```

**Example Output:**

```
MAUI-RPM-Build-1.9.12.1.156.R.265912-1.x86_64  
MAUIDB-RPM-Build-1.9.12.1.156.R.265912-1.x86_64
```

- Proceed to the next section.

## Restart WebLogic and the itvmgr Processes

Perform the following steps on each non-database server:

**Important:**

Conditional access requires the restart of CAS "**itvmgrctl start cas**" before restarting WebLogic.

1. Log on to the system as, or switch to, the **Manager User**.
2. Stop the Back-Office services:

```
$ itvmgrctl stop all
```

3. Navigate to directory **/itvmgr/bin** and stop WebLogic:

```
$ cd /itvmgr/bin  
$ sudo ./weblogic.sh forcestop
```

4. Start Conditional Access:

**Important:**

Conditional access requires the restart of CAS "**itvmgrctl start cas**" before restarting WebLogic.

```
$ itvmgrctl start cas
```

5. Navigate to directory **/itvmgr/bin** and start WebLogic:

```
$ cd /itvmgr/bin  
$ sudo ./weblogic.sh start
```

6. Wait two or three minutes, then check the WebLogic status as follows:

```
$ sudo ./weblogic.sh status
```

If WebLogic is completely started, the console returns the following message:

```
Weblogic is up and running
```

If WebLogic is not completely started, the console returns the following message:

```
Weblogic process running, but still not completely started
```

**Important:**

If WebLogic is not completely started, wait a while longer, then rerun the **weblogic.sh** script again with the **status** attribute to get a status update. Don't proceed until WebLogic is completely started.

Note that the appearance of the command prompt after the WebLogic start command is executed is not an indication that WebLogic is running.

7. Restart all **itvmgrctl** processes:

```
$ itvmgrctl start all
```

## Change Log

Version	Date	Change Details
00	2023-07-26	Initial release.

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