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Introduction

This *Tech Note* provides guidelines for migrating an AppServer Galaxy to a patch, service pack or later version.

Application Versions

- Wonderware Application Server 3.0 and later

Important Migration Guidelines

The following guidelines are strongly recommended.

Review the [Install-AppServer.chm](#) Document

It is very important to follow the exact procedure for migration that is documented in the file **Install-AppServer.chm**. This file is located on the root of any AppServer Installation CD, including AppServer Service Packs. When you open the Install-AppServer file, look for a section with a title similar to **Upgrading a Previous Version of Application Server to Version 3.1 SP2** for the migration steps.

The correct general workflow based on Install-AppServer.chm is:

1. Upgrade GR Node, Reboot machine, Deploy GR node.
2. Use the upgraded IDE to migrate the Galaxy.

For a redundant pair:

3. Upgrade **AOS1 Node**, reboot that machine, but DO NOT Deploy AOS1 node.
4. Upgrade **AOS2 Node**, reboot that machine, but DO NOT Deploy AOS2 node.
5. Deploy AOS1 & AOS2 platforms.

Common Workflow Errors

Two important steps that you can easily miss during the migration process are to:

- Deploy the GR Platform *before* starting to upgrade other platforms

- Upgrade the redundant pairs as a set.

If the step of upgrading the **redundant pair** as a set is not followed correctly (see above), then a deployment of any object on one or more of the AOS nodes can result in an error message **Software upgrade required. Please perform deploy changes by selecting platform to get the latest software update. This will only undeploy objects which are in Software Upgrade Required state.**

In other words, you cannot deploy any object in this case.

Solution

The following steps are a solution that has worked to resolve this situation. These steps are not included in the product documentation.

1. Undeploy *everything* on the two Platforms.
2. Remove all redundancy configurations on the two Platforms and App Engines.
3. Deploy everything on the two Platforms.
4. Undeploy everything on the two Platforms a second time.
5. Reconfigure the redundancy for the two Platforms and App Engines.
6. Redeploy everything on the two Platforms.

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