



Best practices

Upgrading Platform Symphony to a newer version

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Introduction

For your convenience and flexibility, there are three ways to upgrade IBM Platform Symphony.

Upgrade methods

In Platform Symphony 6.1.1, there are 3 upgrade methods available:

1. **Direct upgrade:** Install a new version on top of an existing cluster with different sub directories; there is no change to any configuration files. After the whole cluster installation is complete, you must activate the new version for it to take effect. You can also deactivate the upgrade and roll back to the previous version.
2. **Rolling upgrade:** Direct upgrade is only supported for specific previous versions of Symphony. For some older versions, you have to perform a direct upgrade from the older version to a middle version first, then upgrade directly to new version. For example, for 4.1 clusters, you must perform a direct upgrade to 5.1 first, and then, perform a direct upgrade to 6.1.1.
3. **Parallel upgrade:** Install a new cluster in parallel with an old cluster, then copy over all old conf/work files. In a time window, you then shut down the old cluster, start the new cluster, and submit workload to the new cluster. If there is any issue, shut down the new cluster, start the old cluster to roll back. Multi-soam versions are not supported in this case.

Steps

1. Install the latest Platform Symphony package, for example Platform Symphony 6.1.1.
2. For the Parallel upgrade method, the latest package can be installed in a different directory or the same directory as the older version of Symphony.
3. Copy “license.dat” file to the “\$EGO_TOP/kernel/conf directory”, or use “egoconfig setentitlement” command to set the license.
4. Run the Activate command to do the upgrade operation.
5. Restart ego services to switch Symphony services from older to latest version.

The latest version of Platform Symphony should now be working normally. Different upgrade methods suit different requirement, thereby helping to reduce the risk during product upgrades.

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