

Oracle® GoldenGate for Mainframe 10.0 Upgrade Instructions

Upgrade Instructions
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ORACLE

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Upgrading to Oracle GoldenGate for Mainframe v10.0

Please Read the Release Notes

Before doing the upgrade procedure please read the release notes to ensure that you have the proper parameters as some of those parameters have changed.

Upgrade Procedures (estimated time 45 minutes):

Note: If you are upgrading any of our Base24 modules, you must contact GoldenGate Technical Support for the latest code.

Verify that a successful backup copy of your GGS subvolume is available.

If you are upgrading your application to a newer version, follow the normal installation steps above, except install GGS to a subvolume with a slightly different name. We recommend that you install the application to a subvolume with a name of GGS plus the version number. For example, if you are installing GGS version 8.0.0.0, then choose the subvolume GGS8000 for the new subvolume.

Shutdown the previous instance of GGS. For example,

```
TACL 1> RUN GGSCI
GGSCI 1> STOP SYNCFILE *
GGSCI 2> STOP REPLICAT *
GGSCI 3> STOP EXTRACT *
GGSCI 4> STOP LOGGER
GGSCI 5> STOP MANAGER
```

Run the MIGRATE macro to move your Extract and Replicat configuration and checkpoint information to your new version. When you execute MIGRATE from the new installed subvolume, it will ask you for the location of your old GGS application.

```
TACL 1> RUN MIGRATE
```

If you have user exits: You must recompile your user exits, then rebind them into GoldenGate every time you upgrade. This ensures the latest GoldenGate features will work with your code.

If you customize your program locations: MIGRATE changes the program pointers to our new GoldenGate default. If you expect Extract or Replicat to run from a specific program pointer, you must manually specify this using the ALTER command. Perform this step after you have recompiled your user exits, and rebound them into GoldenGate.

```
TACL> RUN GGSCI
```

```
GGSCI> ALTER EXTRACT <group name> PROGRAM <program name>
```

If you have any user-defined obey files that contain table define names particular to your environment or other startup and shutdown files, you must move those files manually. One good approach is to duplicate files from your old environment to the new environment using the KEEP option. Therefore, only files that do not exist on the new subvolume will be moved. For example:

```
TACL 1> FUP DUP GGS7000.*, GGS8000.* , KEEP
```

From the new subvolume, you can now restart all of your existing GGS processes as normal. For example:

```
TACL 1> RUN GGSCI
```

```
GGSCI 1> START MANAGER
```

```
GGSCI 2> START LOGGER
```

```
GGSCI 3> START EXTRACT *
```

```
GGSCI 4> START EXTRACT *
```

```
GGSCI 5> START SYNCFILE *
```

Once you have verified that the upgrade was successful, we recommend you purge the files from the old GGS subvolume.