

Oracle® Tuxedo® Mainframe Adapter for TCP

Release Notes

12c Release 2 (12.2.2)

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Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.2.2) Release Notes

The following topics are discussed in this document.

- [About Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 \(12.2.2\)](#)
- [Installation Notes](#)
- [Upgrading from eLink TCP 3.x](#)
- [Known Problems](#)

About Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.2.2)

Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.2.2) provides Oracle Tuxedo applications transparent non-transactional, request-response connectivity to mainframe-based applications.

What's New

In this release, the original user name and password validation mechanism for TMA TCP connection is obsoleted. The magic number is used instead to enhance the connection validation for TMA TCP, including for z/CICS and z/IMS.

Installation Notes

Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.2.2) is supported for the following Oracle Tuxedo releases:

- Oracle Tuxedo 12c Release 2 (12.2.2)

For more information, see ["Oracle Tuxedo Mainframe Adapter for TCP Supported Platforms, Hardware Requirements, and Software Requirements"](#) in *Installing the Oracle Tuxedo Mainframe Adapter for TCP*.

Upgrading from eLink TCP 3.x

If you are upgrading to Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.2.2) from eLink TCP 3.x, perform a new product installation. You will need to edit the `UBBCONFIG`, `DMCONFIG`, and `GWICONFIG` files. Refer to configuration information in the [Oracle Tuxedo Mainframe Adapter for TCP Online Documentation](#).

Note: Make certain you have already installed Tuxedo 12c Release 2 (12.2.2), which requires you to set up a new directory for the installation.

Upgrading from eLink TCP 3.x to Support Data-Dependent Routing

To support data-dependent routing, some additional restrictions are placed on the contents of the `GWICONFIG` file.

In prior releases, no restrictions were placed on the naming of the entries in the `NATIVE` and `FOREIGN` sections of the `GWICONFIG` file. Beginning with the eLink TCP 3.2, each entry in the `NATIVE` section of the `GWICONFIG` files must have a corresponding entry with an identical name in the `DM_LOCAL_DOMAINS` of the `DMCONFIG` file. Each entry in the `FOREIGN` section of the `GWICONFIG` file must have a corresponding entry with an identical name in the `DM_REMOTE_DOMAINS` section of the `DMCONFIG` file.

Because service routing is now determined by the contents of the `DMCONFIG` file, services in the `LOCAL_SERVICES` section of the `GWICONFIG` file no longer need to be tied to `NATIVE` entries in that file. As a result, the `NATIVE` keyword is no longer valid for entries in the `LOCAL_SERVICES` section. Services are now tied to local domains in the `DMCONFIG` file, by specifying the corresponding `LDM` in the service entry in the `DM_LOCAL_SERVICES` section, or by applying default service assignment rules.

For the same reasons, services in the `REMOTE_SERVICES` section of the `GWICONFIG` file no longer need to be tied to `FOREIGN` entries in that file. As a result, the `FOREIGN` keyword is no longer valid for entries in the `REMOTE_SERVICES` section. Services are now tied to remote domains in the `DMCONFIG` file by specifying the corresponding `RDOM` in the service entry in the `DM_REMOTE_SERVICES` section, or by using a routing statement to specify data-dependent routing, or by applying default service assignment rules. For more information, see Oracle Tuxedo documentation.

Known Problems

The JCL provided for linking the CICS requester (`LNKIBM`, `LNKINT`) may cause problems on some system configurations. In IBM APARs II10227 and PQ19993, it is recommended that when linking with the `SEZACMTX` and `SCEELKED` libraries, `SEZACMTX` be placed ahead of `SCEELKED` in the `SYSLIB` statements, as follows:

```
//SYSLIB      DD ...
//            DD DSNNAME=hlq.SEZACMTX,DISP=SHR
//            DD ...
//            DD DSNNAME=hlq.SCEELKED,DISP=SHR
//            DD ...
```

The JCL provided does not conform to this recommendation. You may need to edit the provided JCL before linking the requester, as shown in the following example `SYSLIB` section:

```
//SYSLIB      DD DSN=CICS.SDFHLOAD,DISP=SHR
//            DD DSN=&TCPLIB,DISP=SHR
//            DD DSN=SYS1.SEZACMTX,DISP=SHR
//            DD DSN=SYS1.SCEELKED,DISP=SHR
```

