Oracle® Tuxedo® Mainframe Adapter for TCP

Release Notes

12*c* Release 2 (12.1.3)

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ORACLE

Oracle Tuxedo® Mainframe Adapter for TCP Release Notes, 12*c* Release 2 (12.1.3)

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Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.1.3) Release Notes

The following topics are discussed in this document.

- About Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.1.3)
- Installation Notes
- Upgrading from eLink TCP 3.x
- Known Problems
- Fixed Problems

About Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.1.3)

Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.1.3) provides Oracle Tuxedo applications transparent non-transactional, request-response connectivity to mainframe-based applications.

What's New

The following new feature is available in this version of the Oracle Tuxedo Mainframe Adapter for TCP product:

- Support for multibyte character set (MBCS)

Besides single-byte character set (SBCS) character set translation, Oracle Tuxedo Mainframe Adapter for TCP supports multibyte character set (MBCS) translation. This feature allows translation among more than 200 different SBCS and MBCS character sets.

For more information, see "Using Multibyte Character Set (MBCS) Translations" in *Oracle Tuxedo Mainframe Adapter for TCP Gateway User's Guide*.

Installation Notes

Oracle Tuxedo Mainframe Adapter for TCP 12c Release 2 (12.1.3) is supported for the following Oracle Tuxedo releases:

- Oracle Tuxedo 12c Release 2 (12.1.3) Rolling Patch 003 or above

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 (12.1.3) 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 (12.1.3), 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 LDOM 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 DSNAME=hlq.SEZACMTX,DISP=SHR
//            DD ...
//            DD DSNAME=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 DSNAME=SYS1.SCEELKED,DISP=SHR
```

Fixed Problems

This section describes known problems from previous releases of Tuxedo Mainframe Adapter for TCP that have been fixed in the current release. The following table lists a bug number for each problem.

Bug Number	Description
Bug 17636004	TCPIMS CRASHES AS RECEIVING INVALID TPIPE NAME IN MCI
Bug 16997643	NO MESSAGE TRAFFIC AFTER RECEIVING MESSAGE BEA2151E