

Oracle® Tuxedo® Mainframe Adapter for TCP

Release Notes

Release 10g R3

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ORACLE®

Tuxedo® Mainframe Adapter for TCP Release Notes, Release 10g R3

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Oracle Tuxedo Mainframe Adapter for TCP 10.0 Release Notes

The following topics are discussed in this document.

- [About Tuxedo Mainframe Adapter for TCP 10.0](#)
- [Oracle Tuxedo Mainframe Adapter for TCP Platform Support](#)
- [Minimum Hardware Requirements](#)
- [Oracle Tuxedo Mainframe Adapter for TCP Software Requirements](#)
- [Upgrading from eLink TCP 3.x](#)
- [Known Problems](#)
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About Tuxedo Mainframe Adapter for TCP 10.0

Oracle Tuxedo Mainframe Adapter for TCP 10.0 provides Tuxedo applications transparent non-transactional, request-response connectivity to mainframe-based applications.

What's New

The following new features are available in Version 10.0 of the Tuxedo Mainframe Adapter for TCP product:

- Support for Tuxedo 10.0
- Support for z/OS 1.8

Product Packaging

The following items are included in the Tuxedo Mainframe Adapter for TCP product box:

- Product software CD ROM
- Product Documentation sheet
- Oracle Systems, Inc. Support Guide, Registration Card.

Oracle Tuxedo Mainframe Adapter for TCP Platform Support

Oracle Tuxedo Mainframe Adapter for TCP 10.0 is supported for the following platforms:

Table 1 TMA for TCP Supported Platforms

Platform	ATMI Platform Version
IBM AIX 5.3 (32-bit) PowerPC	Tuxedo 10.0
SUN Solaris 9/10(32 bit) SPARC	Tuxedo 10.0
Microsoft Windows 2003 Server with VS2005	Tuxedo 10.0

Minimum Hardware Requirements

This section describes the minimum hardware requirements for the Oracle TMA TCP product.

- An S/390 processor capable of supporting the required software products listed in the section “Oracle Tuxedo Mainframe Adapter for TCP Software Requirements.”
- TCP/IP network connectivity

Oracle Tuxedo Mainframe Adapter for TCP Software Requirements

This section describes the minimum software requirements for the Oracle TMA TCP 10.0.

Oracle Tuxedo Mainframe Adapter for TCP Supported Stacks

Oracle Tuxedo Mainframe Adapter for TCP is designed to work with IBM TCP for MVS stack product. Use the version that is provided with z/OS V1R8.

Oracle TMA TCP for IMS

The following software runs with Oracle TMA TCP for IMS:

- IBM IMS/TM 8.1/9.1
- IBM z/OS 1.8

Oracle TMA TCP for CICS

The following software runs with Oracle TMA TCP for CICS:

- IBM CICS TS 3.1
- TCP/IP for MVS Version 3.1 with CICS Socket Interface
- C/370 Runtime Library Version 2.1 or higher
- IBM z/OS 1.8

Upgrading from eLink TCP 3.x

If you are upgrading to Tuxedo Mainframe Adapter for TCP 10.0 from eLink TCP 3.x, perform a new installation of the product. You will need to edit the `UBBCONFIG`, `DMCONFIG`, and `GWICONFIG` files. Refer to configuration information in the [Oracle Tuxedo Mainframe Adapter for TCP 8.1 Online Documentation](#).

Note: Make certain you have already installed Tuxedo 10.0, 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 the data-dependent routing, some additional restrictions were 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 information about configuring data-dependent routing using the `ROUTING` command, refer to the 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 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 of a 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
```

Fixed Problems

This section describes known problems from previous releases of eLink for Mainframe TCP that have been fixed with the current release of the software. The following table lists a Case or CR (Change Request) number for each problem. Refer to this number to conveniently track the solution as the problems are resolved.

Please contact your Oracle Customer Support for assistance in tracking any unresolved problems. For contact information, see the [“Contacting Oracle Customer Support.”](#) section.

Change Request Number	Description
CR329489	<p>TCP IMS gateway failed to accept new connections in some situation.</p> <p>TCP IMS gateway failed to accept new connections in some situation.</p> <p>Platform: z/OS</p>

Contacting Oracle Customer Support

If you have any questions about this version of Tuxedo Mainframe Adapter for TCP, or if you have problems installing and running Tuxedo Mainframe Adapter for TCP, contact Support for BEA Products at <http://www.oracle.com/bea/support.html>.

