Oracle® Tuxedo

Release Notes

11*g* Release 1 (11.1.1.2.0)

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ORACLE®

Oracle Tuxedo Release Notes, 11*g* Release 1 (11.1.1.2.0)

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Oracle Tuxedo 11*g* Release 1 (11.1.1.2.0)
Date: May 2012

Table 1 Revision History

Revision Date	Summary of Change
May 2012	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • Oracle Enterprise Linux 6.1 (32-bit) on x86-64 • Oracle Enterprise Linux 6.1 (64-bit) on x86-64 • Red Hat Linux Enterprise AS 6 (64-bit) on x86-64
December 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • Oracle Solaris 11 (64-bit) on x86-64 • Oracle Solaris 11 (32-bit) on SPARC • Oracle Solaris 11 (64-bit) on SPARC

Table 1 Revision History

November 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • Microsoft Windows 7 (32-bit) (Client Only) on x86_64 with MS Visual Studio 2010 Professional Edition • Microsoft Windows 7 (64-bit) (Client Only) on x86_64 with MS Visual Studio 2010 Professional Edition • Microsoft Windows 2008 Server (32-bit) on x86 with MS Visual Studio 2010 Professional Edition • Microsoft Windows 2008 Server (64-bit) on x86-64 with MS Visual Studio 2010 Professional Edition • Microsoft Windows XP on x86 with Visual Studio 2010 (Client Only)
October 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • Novell SUSE Linux Enterprise Server 11 (64-bit) on 86-64
August 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • IBM AIX 7.1 (32-bit) on IBM PowerPC • IBM AIX 7.1 (64-bit) on IBM PowerPC • Oracle Solaris 11 (64-bit) on x86-64 • Microsoft Windows 7 (64-bit) (Client Only) on x86_64 with MS Visual Studio 2008 Professional Edition
July 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • HP OpenVMS V8.4 (64-bit) on IA64 • IBM i 7.1 on IBM PowerPC • Microsoft Windows 7 (32-bit) (Client Only) on x86_64 with MS Visual Studio 2008 Professional Edition
June 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • Red Hat Linux Enterprise AS 5 (64-bit) on x86-64

Table 1 Revision History

May 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • Microsoft Windows 2008 R2 Server (32-bit) on x86-64 with MS Visual Studio 2008 Professional Edition • Microsoft Windows 2008 R2 Server (64-bit) on x86-64 with MS Visual Studio 2008 Professional Edition
April 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • HP-UX 11i v3 (32-bit) on Itanium
February 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • Oracle Linux 5.5 (64-bit) on ExaLogic X2-2 • Oracle Solaris 11 Express x86 (64-bit) on Exalogic
January 2011	Updated "Oracle Tuxedo 11gR1 Platform Data Sheets" in Installing the Oracle Tuxedo System with: • HP-UX 11i v3 (64-bit) on Itanium • Novell SUSE Linux Enterprise Server 10 (64-bit) on s390x • Red Hat Linux Enterprise AS 5 (64-bit) on s390x
August 2010	GA release

This document contains release notes for the Oracle Tuxedo 11*g* Release 1 (11.1.1.2.0) release. It includes the following topics:

- About This Oracle Tuxedo Release
- Installation Upgrade Considerations
- Oracle Tuxedo Software Components
- Supported Platforms

About This Oracle Tuxedo Release

This topic includes the following sections:

- What's New and Improved

- Installation Upgrade Considerations
- Oracle Tuxedo Software Components

What's New and Improved

Oracle Tuxedo Release 11*g* Release 1 (11.1.1.2.0) includes the following new features and enhancements:

Support Multiple Resource Managers in one Tuxedo Group

In this release, Oracle Tuxedo supports multiple Resource Managers (RMs) in one group. Every group application server has the ability to communicate with multiple RMs in one global transaction. For more information, see the Oracle Tuxedo ATMI COBOL Function Reference, Oracle Tuxedo ATMI C Function Reference, Oracle Tuxedo File Formats, and Data Descriptions, MIBs, and System Processes Reference.

Nested Views

Previous Oracle Tuxedo releases have supported views. In Release 11.1.1.2.0 view functionality has been extended to support nested views. For more information, see Managing Typed Buffers in Programming an Oracle Tuxedo ATMI Application Using C.

Domain-Level AUTOTRAN

Previous Oracle Tuxedo releases support AUTOTRAN for individual services. Domain-level AUTOTRAN configuration is added in this release.

Installation Upgrade Considerations

For complete information on upgrading to Oracle Tuxedo 11*g* Release 1 (11.1.1.2.0), see "Upgrading the Oracle Tuxedo System to Release 11*g* Release 1 (11.1.1.2.0)" in *Installing the Oracle Tuxedo System*.

Oracle Tuxedo Software Components

The Oracle Tuxedo software consists of the following components:

- Oracle Tuxedo ATMI software

  The ATMI software enables you to build scalable ATMI applications using either of two programming languages: C or COBOL. This software includes the following components:

  - Oracle Tuxedo ATMI servers
  - Oracle Tuxedo /WS clients
  - Oracle Tuxedo Native clients
  - Oracle Tuxedo .NET Workstation clients
  - Oracle Tuxedo infrastructure

- Oracle Tuxedo CORBA software

  The CORBA software enables you to build scalable CORBA applications in the C++ programming language. This software includes the following components:

  - CORBA C++ servers
  - C++ client and server Object Request Broker (ORB)
  - Oracle Tuxedo object infrastructure

- Oracle Jolt 11*g* Release 1 (11.1.1.2.0) software

  Oracle Jolt is a Java-based interface to the Oracle Tuxedo system that extends the functionality of existing Oracle Tuxedo applications to include intranet- and Internet-wide availability.

- Oracle SNMP Agent software

  Oracle SNMP Agent for Oracle Tuxedo and Oracle WebLogic Enterprise is a Simple Network Management Protocol (SNMP) agent that enables Oracle Tuxedo and Oracle WebLogic Enterprise applications to be managed from an Enterprise Management Console.

Supported Platforms

Oracle Tuxedo software runs on the platforms listed in the following sections. Oracle has certified these platforms for development and production use with the Oracle Tuxedo11*g* Release 1 (11.1.1.2.0) product. Oracle can provide customer support only for these platforms. Note that although Oracle has attempted to implement the Oracle Tuxedo software in a manner that conforms to industry-standards, it is not feasible for Oracle to certify its use with all third-party databases, ORBs, and other products.

Additional software ports and certifications will be made available after the initial release of 11*g* Release 1 (11.1.1.2.0). For information regarding subsequent ports and certifications, please refer to the Platform Support information on the Oracle Web site at the following link: Oracle Tuxedo 11g Release 1 (11.1.1.2.0) Platform Data Sheets.

Note: The required stack size for an Oracle Tuxedo server thread has slightly increased, you may need to adjust the thread stack size accordingly in case of stack overflow issues (especially on AIX platform).