Oracle Tuxedo 11g Release 1 (11.1.1.2.0) Release Notes

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# Oracle Tuxedo 11g Release 1 (11.1.1.2.0) Release Notes

 Oracle Tuxedo 11g Release 1 (11.1.1.2.0)  
 Date: August 2011

## Table 1  Revision History

<table>
<thead>
<tr>
<th>Revision Date</th>
<th>Summary of Change</th>
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| 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 Enterprise Linux 6.0 (64-bit)  
   - 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 |
This document contains release notes for the Oracle Tuxedo 11g 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 11g 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 11g Release 1 (11.1.1.2.0), see “Upgrading the Oracle Tuxedo System to Release 11g 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 11g 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 Tuxedo 11g 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 11g 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).