

Oracle® Tuxedo Mainframe Adapter for SNA

Release Notes

Release 11g R1

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ORACLE®

Tuxedo Mainframe Adapter for SNA Release Notes, Release 11g R1

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Oracle Tuxedo Mainframe Adapter for SNA 11g R1 Release Notes

The following topics are discussed in this document.

- [About Oracle Tuxedo Mainframe Adapter for SNA 11g R1 Release](#)
- [Supported Platforms](#)
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About Oracle Tuxedo Mainframe Adapter for SNA 11g R1 Release

Oracle Tuxedo Mainframe Adapter for SNA is a domains-based product that provides bi-directional connectivity between Oracle Tuxedo clients or servers and mainframe applications. The mainframe applications may use Customer Information Control System/Extended System Architecture (CICS TS) and Information Management System (IMS) implicit LU6.2, or any IBM-supported Application Program-to-Program Communication (APPC) or CICS TS interface.

New Product Features

The following new feature is available in Version 11g R1 of the Tuxedo Mainframe Adapter for SNA product:

- Support for Tuxedo 11gR1 (11.1.1.2.0)
- Support for Tuxedo 11gR1 (11.1.1.3.0) (require Tuxedo Mainframe Adapter for SNA 11.1.1.2.0 rolling patch 018 or above, and Tuxedo 11.1.1.3.0 rolling patch 015 or above)

- Support z/OS 1.9
- High Availability Enhancements
 - Gateway automatically reconnects to CRM when CRM restarts
 - Heart beat from Gateway to CRM
 - CRM automatically reconnects to remote LU upon failure

Supported Platforms

The following sections list the supported platforms for each of the Tuxedo Mainframe Adapter for SNA components.

Supported Tuxedo Mainframe Adapter for SNA Gateway Platforms

[Table 1](#) provides a list of Tuxedo Mainframe Adapter for SNA Gateway supported platforms.

Table 1 Tuxedo Mainframe Adapter for SNA Gateway Supported Platforms

Operating System
HP-UX 11i v2 (64-bit) Itanium
HP-UX 11i v3 (64-bit) Itanium
IBM AIX 5.3 (32-bit) on IBM PowerPC
IBM AIX 5.3 (64-bit) on IBM PowerPC
IBM AIX 6.1 (32-bit) on IBM PowerPC
IBM AIX 6.1 (64-bit) on IBM PowerPC
Novell SUSE Linux Enterprise Server 10 (64-bit) x86
Red Hat Enterprise Linux 5.4 (64-bit) on x86-64
Red Hat Enterprise Linux 6.4 (64-bit) on x86-64
Red Hat Enterprise Linux 7.0 (64-bit) on x86-64
Oracle Linux 5.4 (64-bit) on x86-64

Table 1 Tuxedo Mainframe Adapter for SNA Gateway Supported Platforms

Operating System
Oracle Linux 5.8 (64-bit) on Exalogic 2.0
Microsoft Windows Server 2008 (32-bit) x86 with VS2008
Oracle Solaris 9 (32-bit) SPARC
Oracle Solaris 10 (32-bit) SPARC
Oracle Solaris 10 (64-bit) SPARC
Oracle Solaris 11 (32-bit) SPARC

Note: 32-bit Tuxedo Mainframe Adapter for SNA can run on a 64-bit machine. However, it *must* run on a 32-bit version of Tuxedo. It cannot run on a 64-bit version of Tuxedo.

For more information, see [Oracle Tuxedo Mainframe Adapter for SNA Certified Platform Tables](#).

Supported Communications Resource Manager (CRM) Platforms and Required Stacks

[Table 2](#) provides a list of CRM supported platforms and stacks.

Table 2 CRM Supported Platforms

Platform	Stack
HP-UX 11i v2 (64-bit) Itanium	SNApplus2 v7
HP-UX 11i v3 (64-bit) Itanium	SNApplus2 v7
z/OS V1R9 (31 and 64-bit) (MVS)	VTAM V1R9
z/OS V1R10 (31 and 64-bit) (MVS)	VTAM V1R10
z/OS V1R11 (31 and 64-bit) (MVS)	VTAM V1R11
z/OS V1R12 (31 and 64-bit) (MVS)	VTAM V1R12

Table 2 CRM Supported Platforms

Platform	Stack
z/OS V1R13 (31 and 64-bit) (MVS)	VTAM V1R13
z/OS V2R2 (31 and 64-bit) (MVS)	VTAM V2R2

Note: To support Tuxedo Mainframe Adapter for SNA 11gR1 (11.1.1.2.0) on z/OS V2R2 (31 and 64-bit) (MVS), you must install z/OS patch APAR PI62318.

For more information, see [Oracle Tuxedo Mainframe Adapter for SNA Certified Platform Tables](#).

Supported Mainframe Software

[Table 3](#) provides a list of IBM host software supported by Tuxedo Mainframe Adapter for SNA.

Table 3 Supported Mainframe Software

Platform
CICS Transaction Server 3.1, 3.2, 4.1, 4.2
IMS Version 9.1

Fixed Problems

This section describes known problems from the prior release of the Tuxedo Mainframe Adapter for SNA that have been fixed with the current release of the Tuxedo Mainframe Adapter for SNA software. [Table 4](#) lists a bug number for each problem.

Table 4 Fixed Problems

Bug Number	Description and Workaround or Solution
9269080	Problem: Gateway makes transaction available before connecting to CRM