RMAN Compatibility Matrix (Doc ID 73431.1)

In this Document

APPLIES TO:

Oracle Database - Personal Edition
Oracle Database - Standard Edition
Oracle Database - Ent   Edition - Version 8.0.3.0 to 12.1.0.1 [Release 8.0.3 to 12.1]
Oracle Database - Ent   Edition - Version 12.1.0.2 to 12.1.0.2 [Release 12.1]
Information in this document applies to any platform.
Checked for relevance on 16-July-2015

PURPOSE

RMAN Compatibility Matrix and Guide (up to and including 12.1.0)

SCOPE

Novice Through Advance RMAN User

DETAILS

1. About RMAN Compatibility

The RMAN environment can contain the following components:

- RMAN executable
- Recovery catalog database
- Recovery catalog schema in the recovery catalog database
- Target database
- Auxiliary database (used for duplicate, duplicate for standby or tablespace point-in-time recovery)

Each component has a release number. Oracle uses up to 5 digits, but only up to 4 are significant for RMAN compatibility purposes.

- Examples: 10.1.0.4, 9.2.0.6, 8.1.7.4

2. RMAN Compatibility Matrix

In general, the rules of RMAN compatibility are as follows:

- The RMAN executable version should be the same as the target database. Legal exception combinations are listed in Table B-1.
- The RMAN catalog schema version must be greater than or equal t   le.
- The RMAN catalog is backwards compatible with target databases from earlier releases.

Table B-1 RMAN Compatibility Table
Table B-1 shows version requirements for RMAN components.

Target/Auxiliary Database	RMAN Executable	Catalog Database	Catalog Sche
8.1.7.4	8.1.7.4	>=8.1.7 < 12C	8.1.7.4
8.1.7.4	8.1.7.4	>=8.1.7 < 12C	>=9.0.1.4
9.0.1	9.0.1	>=8.1.7 < 12C	>= RMAN exe
9.2.0	>=9.0.1.3 and <= Target database	>=8.1.7 < 12C	>= RMAN exe
10.1.0	>=9.0.1.3 and <= Target database	>=9.0.1 < 12C	>= RMAN exe
10.2.0	>=9.0.1.3 and <= target database	>=9.0.1	>= RMAN exe
11.1.0	>=9.0.1.3 and <= target database	>=10.2.0.3 (note 1)	>= RMAN exe
11.2.0	>=9.0.1.3 and <= target database	>=10.2.0.3 (note 1)	>= RMAN exe
12.1.0.x	=12.1.0.x	>=10.2.0.3	= RMAN execu

Note 1 : Due to Bug 6756872 - RMAN REGISTER OF 11G TARGET INTO 10G CATALOG FAIL   ITH ORA-04028

3. RMAN compatibility: errors

When compatibility of components is broken RMAN will rise one of the following errors:
RMAN-6186 / RMAN-06186 - associated message: "PL/SQL package %s.%s version %s in %s database is too old"
RMAN-6429 / RMAN-06429 - associated message: "%s database is not compatible with this version of RMAN".

4. RMAN Compatibility: Case Studies

Note 307022.1 RMAN Compatibility, Oracle8i 8.1.7.4 through Oracle10g R1 10.1.0.4
Note 369644.1 Answers To FAQ For Restoring Or Duplicating Between Different Versions And Platforms

For 12C catalog : 207303.1 Client / Server / Interoperability Support Matrix For Different Oracle Versions

Related Documents

Oracle9i Recovery Manager User's Guide
Oracle9i Recovery Manager Reference
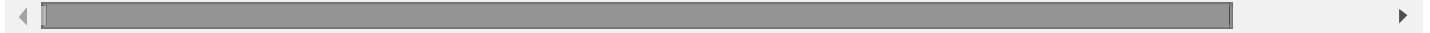Oracle10g Recovery Manager Backup and Recovery Basics

Oracle10g Recovery Manager Backup And Recovery Advanced User's Guide
Oracle10g Recovery Manager Reference
Oracle11g Backup and Recovery User's Guide
Oracle11g Backup and Recovery Reference

REFERENCES

NOTE:207303.1 - Client / Server Interoperability Support Matrix for Different Oracle Versions
NOTE:369644.1 - Frequently Asked Questions about Restoring Or Duplicating Between Different Versions And Platforms
NOTE:307022.1 - RMAN Compatibility Oracle8i 8.1.7.4 - Oracle10g 10.1.0.4

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