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| [1.  About RMAN Compatibility](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=525048778879537&id=73431.1&_adf.ctrl-state=vkxn9l54b_41 \\l aref_section31) |

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| [2.  RMAN Compatibility Matrix](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=525048778879537&id=73431.1&_adf.ctrl-state=vkxn9l54b_41 \\l aref_section32) |

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| [3.  RMAN compatibility: errors](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=525048778879537&id=73431.1&_adf.ctrl-state=vkxn9l54b_41 \\l aref_section33) |

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| [4.  RMAN Compatibility: Case Studies](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=525048778879537&id=73431.1&_adf.ctrl-state=vkxn9l54b_41 \\l aref_section34) |

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| [Related Documents](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=525048778879537&id=73431.1&_adf.ctrl-state=vkxn9l54b_41 \\l aref_section35) |

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| [References](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=525048778879537&id=73431.1&_adf.ctrl-state=vkxn9l54b_41 \\l REF) |

**APPLIES TO:**

Oracle Database - Personal Edition

Oracle Database - Standard Edition

Oracle Database - Enterprise Edition - Version 8.0.3.0 to 12.1.0.1 [Release 8.0.3 to 12.1]

Oracle Database - Enterprise 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 to the RMAN executable.

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 Schema** |
| 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 executable |
| 9.2.0 | >=9.0.1.3 and <= Target database | >=8.1.7 < 12C | >= RMAN executable |
| 10.1.0 | >=9.0.1.3 and <= Target database | >=9.0.1 < 12C | >= RMAN executable |
| 10.2.0 | >=9.0.1.3 and <= target database | >=9.0.1 | >= RMAN executable |
| 11.1.0 | >=9.0.1.3 and <= target database | >=10.2.0.3 (note 1) | >= RMAN executable |
| 11.2.0 | >=9.0.1.3 and <= target database | >=10.2.0.3 (note 1) | >= RMAN executable |
| 12.1.0.x | =12.1.0.x | >=10.2.0.3 | = RMAN executable |

Note 1 : Due to [Bug 6756872](https://support.oracle.com/epmos/faces/BugDisplay?parent=DOCUMENT&sourceId=73431.1&id=6756872 \\t _blank) - RMAN REGISTER OF 11G TARGET INTO 10G CATALOG FAILS WITH 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](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=73431.1&id=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](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=73431.1&id=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](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=73431.1&id=207303.1) - Client / Server Interoperability Support Matrix for Different Oracle Versions

[NOTE:369644.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=73431.1&id=369644.1) - Frequently Asked Questions about Restoring Or Duplicating Between Different Versions And Platforms

[NOTE:307022.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=73431.1&id=307022.1) - RMAN Compatibility Oracle8i 8.1.7.4 - Oracle10g 10.1.0.4

[NOTE:2201135.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=73431.1&id=2201135.1) - RMAN Resync Fails With ORA-00904 after applying 12.1.0.2.161018 Bundle Patch (24340679)