

Oracle® Secure Backup

Licensing Information User Manual

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Oracle Secure Backup Licensing Information User Manual, Release 12.1

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Preface

This document, which is part of the Program Documentation under the terms of your Oracle licensing agreement, is intended to help you understand the features, functionality, and options available for Oracle Programs. If you have a question about your licensing needs, then please contact your Oracle sales representative or refer to the resources listed in "[Related Documents](#) (page v)" for more information.

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This book is intended for all users of Oracle Secure Backup 12.1.

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Related Documents

For more information, see the Software Investment Guide, available at:

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Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.

Convention	Meaning
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Oracle Secure Backup Product Family

This chapter describes the two Oracle Secure Backup tape management editions along with feature availability and the Oracle Secure Backup Cloud Module.

This chapter contains these sections:

- [Introducing the Oracle Secure Backup Product Family](#) (page 1-1)
- [Feature Availability by Centralized Management Edition](#) (page 1-2)
- [Oracle Secure Backup Cloud Module](#) (page 1-3)
- [Special-Use Licensing](#) (page 1-3)
- [Packaging and Support](#) (page 1-4)

1.1 Introducing the Oracle Secure Backup Product Family

Oracle Secure Backup is a centralized tape backup management solution providing high performance, heterogeneous data protection in distributed UNIX, Linux, Windows, and Network Attached Storage (NAS) environments. Protecting file-system and Oracle Database data, Oracle Secure Backup provides a complete tape backup solution for your IT environment. In addition to tape backup, Oracle Secure Backup delivers an integrated Oracle Database backup to third-party cloud (Internet) storage, through the Oracle Secure Backup Cloud Module.

Oracle Secure Backup offers two centralized backup management editions for the data center, each suitable for different development and deployment scenarios:

- Oracle Secure Backup is ideally suited for distributed environments consisting of multiple heterogeneous servers with advanced data protection requirements such as encryption, automated rotation of tapes between multiple locations, and protection of NAS devices.
- Oracle Secure Backup Express edition provides reliable data protection for single-server Oracle Database environments backing up to tape. Oracle Secure Backup Express is available free with the Oracle Database and is the same core product as Oracle Secure Backup. The Express edition is limited to a single host with one direct-attached tape drive and has some restrictions on advanced feature usage, as shown in [Table 1-1](#) (page 1-2).

Oracle Secure Backup is licensed per simultaneous backup or restore operation to an Oracle Secure Backup disk pool, configured tape drive and/or Cloud. When using the Oracle Secure Backup centralized backup management solution, a backup or restore operation would include Oracle database or MySQL jobs via integration with the Oracle System Backup Tape (SBT) API as well as file-system jobs. An Oracle Secure Backup license is required for each configured tape drive as one backup or restore stream is in progress at any one time. Oracle Secure Backup disk pools accommodate

simultaneous backup and restore streams and therefore a license would be required for each concurrent job (user-defined maximum number of concurrent jobs) per disk pool. For example, if an Oracle Secure Backup domain included 4 tape drives and one disk pool configured to allow 10 concurrent jobs, a total of 14 licenses would be needed.

The Oracle Secure Backup Cloud Module provides Oracle Database backup to cloud storage using Recovery Manager (RMAN) and is independent of the Oracle Secure Backup data protection management editions at the data center. The Oracle Secure Backup Cloud Module can be used as a complement or replacement for the Oracle Secure Backup centralized management solution or other third-party media-management products.

1.2 Feature Availability by Centralized Management Edition

Table 1-1 (page 1-2) lists the features available in Oracle Secure Backup and Oracle Secure Backup Express. This table explains the differences between Oracle Secure Backup and Oracle Secure Backup Express and helps you to determine which deployment is best for your business.

Table 1-1 Feature Availability of Oracle Secure Backup and Oracle Secure Backup Express

Feature	Oracle Secure Backup Express	Oracle Secure Backup
Integrated with RMAN for online tape backup and restore of Oracle Database	Yes	Yes
Backup and restore of non-database file-system data to tape	Yes	Yes
Backup and restore to/from disk	No	Yes
Backup of Oracle Real Application Clusters (Oracle RAC) environments	No	Yes
Integrated with Oracle Enterprise Manager Cloud Control starting with Oracle Database 10g Release 2	Yes	Yes
Multiple tape drive usage within the backup environment	No	Yes
Fibre attached device support	No	Yes
Backup encryption to tape	No	Yes
RMAN advanced backup compression levels	No	Yes
ACSLs support	No	Yes
Vaulting support (automates rotation of tapes between multiple locations)	No	Yes
Networked backup of distributed servers and/or tape devices	No	Yes

1.3 Oracle Secure Backup Cloud Module

The Oracle Secure Backup Cloud Module delivers Oracle RMAN integration with Amazon S3 using an SBT library specific to Amazon S3.

The Oracle Secure Backup Cloud Module is licensed for each RMAN channel simultaneously used by the backup domain to an Amazon S3 destination. An Oracle Secure Backup Cloud Module license can be shared among multiple Oracle Database backups, as long as the number of RMAN channels for backup to the cloud does not exceed the number of Oracle Secure Backup Cloud Module licenses. For example, if one environment has 12 Oracle Secure Backup Cloud Module licenses, then 3 Oracle Database backups could each use 4 RMAN channels simultaneously or 1 Oracle Database backup could use all 12 RMAN channels at one time as long as no other RMAN channels were being used.

Cloud storage costs associated with Oracle Database backups are set by Amazon S3 and are independent of Oracle. An Amazon S3 user account must be established before performing Oracle RMAN backups directly to Amazon S3 using the Oracle Secure Backup Cloud Module.

Note:

The Oracle Secure Backup Cloud Module is not available with Oracle Secure Backup Express edition.

1.4 Special-Use Licensing

The Oracle Database Enterprise Edition (EE) offers licensed options for some advanced database management technologies. Oracle Secure Backup includes use of two optimizations at no additional cost. These optimizations are normally available only with the purchase of the Oracle Advanced Security Option or the Oracle Advanced Compression Option. This Oracle Secure Backup special-use licensing includes:

- RMAN backup encryption beginning with Oracle Database 10g Release 2
 - Direct to tape is available only when using Oracle Secure Backup. It is not available when using third-party media-management products.
 - Direct to cloud storage, using Amazon S3, is available when using the Oracle Secure Backup Cloud Module.
- RMAN backup compression algorithms that would otherwise require Oracle Advanced Compression option
 - The RMAN backup compression special-use licensing is available when using the Oracle Secure Backup Cloud Module or the Oracle Secure Backup management solution and is not available with the Oracle Secure Backup Express edition.

The Oracle Secure Backup special-use licenses apply to RMAN backup encryption, which is a component of the Oracle Advanced Security Option, and RMAN backup compression levels, which are components of the Oracle Advanced Compression Option. To use additional features of the Oracle Advanced Security Option or the Oracle Advanced Compression Option, you must license those options separately.

While Oracle Secure Backup supports all editions of Oracle Database, special-use licensing is only available when backing up an Oracle Database Enterprise Edition.

1.5 Packaging and Support

Oracle Secure Backup Express is bundled with the Oracle Database. Support for Oracle Secure Backup Express is provided exclusively through a free Oracle Discussion Forum monitored by Oracle employees as well as community experts.

Updates and technical support are provided only to customers who maintain technical support services for their Oracle licenses in accordance with Oracle's Technical Support Policies. Oracle Secure Backup is a separately licensed product and is supported in accordance with Oracle's Technical Support Policies.

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NCSA HTTPd Server

Software Development Group

National Center for Supercomputing Applications

University of Illinois at Urbana-Champaign

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httpd@ncsa.uiuc.edu

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install - install a program, script, or datafile

This comes from X11R5 (mit/util/scripts/install.sh).

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PCRE LICENCE

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

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compress.c 4.0

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glob.c 1.4

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