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Database Backup Cloud Service



Back Up to Oracle Cloud

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Introduction

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Why Use the Service?

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Introduction

Oracle Database Backup Cloud Service is a secure, scalable, on-demand storage solution for backing up Oracle databases to the public cloud.

Oracle Database Backup Cloud Service complements your existing backup strategy by providing an off-site storage location in the cloud.

There are no up-front capital costs or hardware expenses. Storage management and data transfer complexities are handled by the service, not by database administrators. Administrators use the familiar RMAN (Oracle Recovery Manager) interface to perform backup and restore operations, so there's no need to learn new tools or commands. If you know how to back up to tape or disk, you know how to back up to the cloud.

Oracle Database Backup Cloud Service is easy to get and easy to use. Your data is always available and always secure, and you can quickly increase storage capacity when needed.





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Storing database backups off-site is critical for your enterprise to be disaster ready. To reduce application downtime, stored data must be accessible 24 x 7.

Stuff happens.

That's why business-critical backups must be kept off-site. It's just good practice.

Off-site backup is typically accomplished by writing backups to tape and shipping the tapes to a secure location. This is a costly and operationally complex endeavor. It requires hardware, personnel, and procedures to make sure off-site backups are current, protected, and available at a moment's notice should the unthinkable happen. Many small and medium businesses don't have a tape infrastructure, and end up deploying some form of virtual tape or disks for storing backups and archives. Or something like that.

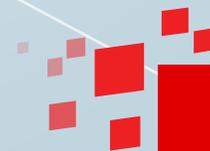
Enter Oracle Cloud storage.

Oracle Cloud storage provides a great alternative to writing, shipping, and storing tapes at an off-site location. Its pricing and operational characteristics make it a compelling alternative to the way you've always done business when it comes to backups.

The pay-as-you-go, elastic self-provisioning model means that you can scale up quickly. You don't need to worry about having enough tapes or local storage to hold your critical backup data, because cloud storage resources can quickly and easily be added to meet your business needs.

The cloud infrastructure provides performance, redundancy, and security, which in turn provide peace of mind. Adverse events are absorbed when they happen so you don't lose availability. You can restore data faster and reduce downtime from days to just hours or minutes when compared with retrieving tapes from an off-site storage location.

That's why you back up to Oracle Cloud.



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Why Use Oracle Database Backup Cloud Service?

Good question. You probably have a few others, too.

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Will I have it when I need it?

You don't want it to happen, but sometimes it does: disaster strikes. With Oracle Database Backup Cloud Service, your backups are always accessible over the Internet and are immediately available for recovery when needed. Data is replicated across multiple storage nodes in the same geographic region, which protects against hardware failure and data corruption.

Is it secure?

Your business data is crucial and confidential and must be treated securely. It's crazy to think otherwise. Oracle Database Backup Cloud Service protects your data by providing end-to-end security. Your data is encrypted at the source, securely transmitted to the cloud, and securely stored in the cloud. You keep the keys at your site, not in the cloud.

How much work is involved?

Oracle Database Backup Cloud Service is simple to deploy and easy to use. Subscribe to the service, install the cloud backup module, configure a few settings, and you're ready to back up to the cloud using familiar commands and tools. It's that simple.

How much is it going to cost?

No CapEx. Say it again out loud if you need to. No capital expenditures. Oracle Database Backup Cloud Service provides virtually unlimited scaling capacity with no up-front capital expenditures or hardware costs. Other than paying for the amount of storage you want, there are no other up-front costs. Use the online dashboard to monitor how much storage capacity you're using over time, and then buy more as needed. Backup compression is included free of charge, which conserves bandwidth by reducing the size of your backups before they're sent to the cloud.



How Do I Use the Service?

Oracle Database Backup Cloud Service is easy to get and easy to use. Here's what you'll do.

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Get the service.

First, you'll get Oracle Database Backup Cloud Service from the Oracle Cloud website (cloud.oracle.com/database_backup) or the Oracle Store (shop.oracle.com). You can sign up for a trial or buy a subscription. An Oracle sales representative can also help with your purchase. Paid subscriptions are available month-to-month or longer term.

Install the backup module.

Next you'll download and install the Oracle Database Cloud Backup Module from Oracle Technology Network (OTN). The module is what makes it possible to perform cloud backups and restores. You'll install the module on the system where your Oracle database is running. Multiple database versions and operating systems are supported.

Configure RMAN, then back up and restore.

After you install the backup module, you'll configure a few RMAN settings. Then you're ready to back up to the cloud using familiar RMAN commands. You'll also use RMAN for restore and recovery.

Monitor your service.

You'll use the online dashboard to monitor your service and see how much storage capacity you're using for your backups. You can quickly add more capacity from the Oracle Store if you need to.



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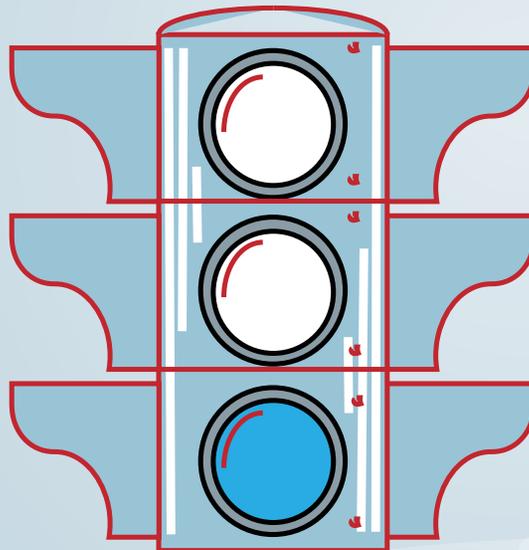
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Subscribe

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For information about subscribing, see [Trial and Paid Subscriptions for Oracle Cloud Services](#) and visit the Oracle Cloud website at cloud.oracle.com.

Learn More about Oracle Database Backup Cloud Service.

Visit cloud.oracle.com/database_backup.

Watch Videos

Watch [Oracle Database Backup Cloud Service Overview](#).

Attend Oracle Cloud Events

See events.oracle.com and blogs.oracle.com/cloud for information about Oracle Cloud events.

Join the Community

- Oracle Cloud Community: cloud.oracle.com
- Oracle Cloud Computing Group

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