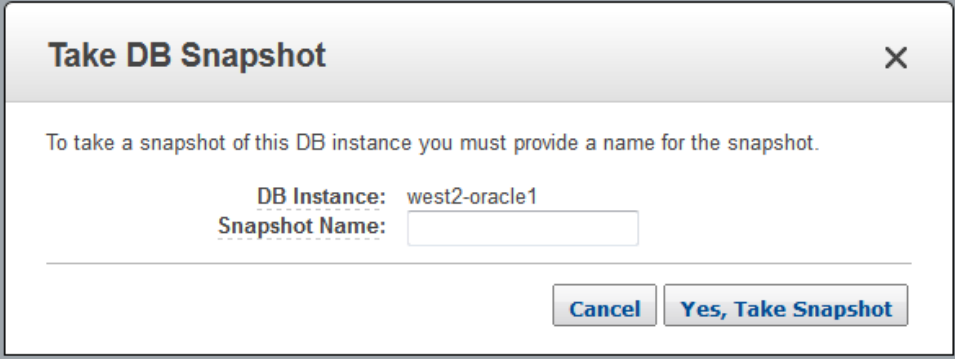


To create a DB snapshot

1. Sign in to the AWS Management Console and open the Amazon RDS console at <https://console.aws.amazon.com/rds/>.
2. In the navigation pane, click **DB Instances**.
3. Click **Instance Actions**, and then click **Take DB Snapshot**. The **Take DB Snapshot** window appears.
4. Type the name of the snapshot in the **Snapshot Name** text box.



Take DB Snapshot

To take a snapshot of this DB instance you must provide a name for the snapshot.

DB Instance: west2-oracle1

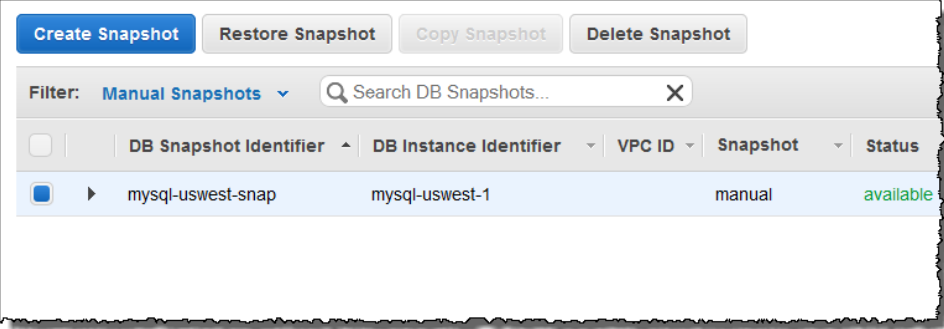
Snapshot Name:

5. Click **Yes, Take Snapshot**.

AWS Management Console

To restore a DB instance from a DB snapshot

1. Sign in to the AWS Management Console and open the Amazon RDS console at <https://console.aws.amazon.com/rds/>.
2. In the navigation pane, choose **Snapshots**.
3. Choose the DB snapshot that you want to restore from.



Create Snapshot Restore Snapshot Copy Snapshot Delete Snapshot

Filter: Manual Snapshots Search DB Snapshots...

	DB Snapshot Identifier	DB Instance Identifier	VPC ID	Snapshot	Status
<input checked="" type="checkbox"/>	mysql-uswest-snap	mysql-uswest-1		manual	available

4. Choose **Restore Snapshot**. The **Restore DB Instance** window appears.
5. Type the name of the restored DB instance in the **DB Instance Identifier** text box.
6. Choose **Restore DB Instance**.
7. Only the default DB parameter and security groups are associated with the restored instance. If you want to restore the functionality of the DB instance to that of the DB instance that the snapshot was created from, you must modify the DB instance to use the security group and parameter group used by the previous DB instance. The next steps

assume that your DB instance is in a VPC; if your DB instance is not in a VPC, use the EC2 Management Console to locate the security group you need for the DB instance.

8. Sign in to the AWS Management Console and open the Amazon VPC console at <https://console.aws.amazon.com/vpc/>.
9. In the navigation pane, choose **Security Groups**.
10. Select the security group that you want to use for your DB instances. If you need to add rules to link the security group to a security group for an EC2 instance

o copy a DB snapshot

1. Sign in to the AWS Management Console and open the Amazon RDS console at <https://console.aws.amazon.com/rds/>.
2. In the navigation pane, choose **Snapshots**.
3. Set **Filter** to **Automated Snapshots**.
Select the check box for the automated DB snapshot you want to copy.
Choose **Copy Snapshot**
The **Copy DB Snapshot** window appears.
4. Verify that the name of the automated DB snapshot you want to copy appears in **Source DB Snapshot**.
To copy the DB snapshot to a different region, choose that region for **Destination Region**.
Type the name of the DB snapshot copy in **New DB Snapshot Identifier**.
To copy tags and values from the snapshot to the copy of the snapshot, choose **Copy Tags**.

Make Copy of DB Snapshot?

Source DB Snapshot: ss1

Destination Region: US West (Oregon)

New DB Snapshot Identifier:

Copy Tags: ☐

Enable Encryption: No

Please note that depending on the amount of data to be copied and the Region you choose, this operation could take several hours to complete and the display on the progress bar could be delayed until setup is complete.

Cancel Copy Snapshot

To encrypt the copied DB snapshot, choose **Yes** for **Enable Encryption**, and then specify the KMS key identifier to use to encrypt the copied DB snapshot for **Master Key**.

Make Copy of DB Snapshot?

Source DB Snapshot

ss1

Destination Region

US West (Oregon)

New DB Snapshot Identifier

encrypted-snapshot

Copy Tags

☐

Enable Encryption

Yes

Master Key

rds

Description

Account

This account (86)

KMS Key ID

5cc95356c

Please note that depending on the amount of data to be copied and the Region you choose, this operation could take several hours to complete and the display on the progress bar could be delayed until setup is complete.

Cancel

Copy Snapshot

If the DB snapshot being copied is encrypted, specify the KMS key identifier for the KMS encryption key that will be used to encrypt the DB snapshot as the **Master Key**.

Make Copy of DB Snapshot?

Source DB Snapshot: ss1

Destination Region: EU West (Ireland)

New DB Snapshot Identifier: copy-encrypted-snap

Copy Tags: ☐

Enable Encryption: Yes

Master Key: (default)

Description: Default master key

Account: This account (40...)

KMS Key ID: aws/rds

Please note that depending on the amount of data to be copied and the Region you choose, this operation could take several hours to complete and the display on the progress bar could be delayed until setup is complete.

Cancel Copy Snapshot

5. Choose **Yes, Copy Snapshot**.

Sharing a Snapshot by Using the Amazon RDS Console

Using the Amazon RDS console, you can share a manual DB snapshot with up to 20 AWS accounts. You can also use the console to stop sharing a manual DB snapshot with one or more accounts.

To share a manual DB snapshot by using the Amazon RDS console

1. Sign in to the AWS Management Console and open the Amazon RDS console at <https://console.aws.amazon.com/rds/>.
2. In the navigation pane, choose **Snapshots**.
3. For **Filter**, choose **Manual Snapshots**, and then select the check box for the manual DB snapshot you want to share. Choose **Share Snapshot**.

The **Manage Snapshot Permissions** window appears.

Create Snapshot Restore Snapshot Migrate Snapshot Copy Snapshot **Share Snapshot** Delete Snapshot

Filter: Owned by Me Search...

	Snapshot	DB Instance or Cluster	Snapshot Creation Time	Status	Progress
<input checked="" type="checkbox"/>	manual-snapshot1	sample-instance	Oct 27, 2015, 1:24:17 PM	available	Completed

DB Snapshot Name: manual-snapshot1

VPC: vpc-d3b3aab6

DB Engine: mysql

4. For **DB Snapshot Visibility**, choose **Public** to permit all AWS accounts to restore a DB instance from your manual DB snapshot. Choose **Private** to permit only AWS accounts that you specify to restore a DB instance from your manual DB snapshot.

Warning

If you set **DB Snapshot Visibility** to **Public**, all AWS accounts can restore a DB instance from your manual DB snapshot and have access to your data. Do not share any manual DB snapshots that contain private information as **Public**.

5. For **AWS Account ID**, type the AWS account identifier for an account that you want to permit to restore a DB instance from your manual DB snapshot, and then choose **Add**. Repeat to include additional AWS account identifiers, up to 20 AWS accounts. If you make an error when adding an AWS account identifier to the list of permitted accounts, you can delete it from the list by choosing **Delete** at the right of the incorrect AWS account identifier.

Manage Snapshot Permissions [X]

You are sharing an unencrypted DB Snapshot. When you share an unencrypted DB Snapshot, you give the other account permission to make a copy of the DB Snapshot and to restore a database from your DB Snapshot.

DB Snapshot manual-snapshot1

DB Snapshot Visibility ☒ Private ☐ Public

AWS Account ID **Add**

AWS Account ID	Delete
<input type="text" value="0123456789"/>	<input type="button" value="X"/>

Cancel **Save**

6. After you have added identifiers for all of the AWS accounts that you want to permit to restore the manual DB snapshot, choose **Save** to save your changes.

To stop sharing a manual DB snapshot with an AWS account

1. Sign in to the AWS Management Console and open the Amazon RDS console at <https://console.aws.amazon.com/rds/>.
2. In the navigation pane, choose **Snapshots**.
3. For **Filter**, choose **Manual Snapshots**, and then select the check box for the manual DB snapshot you want to stop sharing with an AWS account. Choose **Share Snapshot**.
4. To remove permission for an AWS account, choose **Delete** for the AWS account identifier for that account from the list of authorized accounts.

Manage Snapshot Permissions ✕

You are sharing an unencrypted DB Snapshot. When you share an unencrypted DB Snapshot, you give the other account permission to make a copy of the DB Snapshot and to restore a database from your DB Snapshot.

DB Snapshot manual-snapshot1

DB Snapshot Visibility ☒ Private ☐ Public

AWS Account ID Add

AWS Account ID	Delete
<input type="text"/>	<input type="checkbox"/>

Cancel Save

5. Choose **Save** to save your changes.

To restore a DB instance to a specified time

1. Sign in to the AWS Management Console and open the Amazon RDS console at <https://console.aws.amazon.com/rds/>.
2. In the navigation pane, click **DB Instances**.
3. Click **Instance Actions**, and then click **Restore To Point In Time**.
The **Restore DB Instance** window appears.
4. Click on the **Use Custom Restore Time** radio button.
5. Enter the date and time that you wish to restore to in the **Use Custom Restore Time** text boxes.
6. Type the name of the restored DB instance in the **DB Instance Identifier** text box.
7. Click the **Launch DB Instance** button.

To disable automated backups immediately

1. Sign in to the AWS Management Console and open the Amazon RDS console at <https://console.aws.amazon.com/rds/>.
2. In the navigation pane, click **DB Instances**, and then select the check box next to the DB instance you want to modify.
3. Click the **Modify** button.
The **Modify DB Instance** window appears.
4. Select **0** in the **Backup Retention Period** drop-down list box.
5. Check the **Apply Immediately** check box.
6. Click the **OK** button.