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DeleteDBCluster

PDF

The DeleteDBCluster action deletes a previously provisioned DB cluster. When you delete a DB cluster, all automated backups for that DB cluster are deleted and can't be recovered. Manual DB cluster snapshots of the specified DB cluster are not deleted.

If you're deleting a Multi-AZ DB cluster with read replicas, all cluster members are terminated and read replicas are promoted to standalone instances.

For more information on Amazon Aurora, see [What is Amazon Aurora?](#) in the *Amazon Aurora User Guide*.

For more information on Multi-AZ DB clusters, see [Multi-AZ DB cluster deployments](#) in the *Amazon RDS User Guide*.

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

DBClusterIdentifier

The DB cluster identifier for the DB cluster to be deleted. This parameter isn't case-sensitive.

Constraints:

- Must match an existing DBClusterIdentifier.

Type: String

Required: Yes

DeleteAutomatedBackups

Specifies whether to remove automated backups immediately after the DB cluster is deleted. This parameter isn't case-sensitive. The default is to remove automated backups immediately after the DB cluster is deleted, unless the AWS

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FinalDBSnapshotIdentifier

The DB cluster snapshot identifier of the new DB cluster snapshot created when `SkipFinalSnapshot` is disabled.

Note

If you specify this parameter and also skip the creation of a final DB cluster snapshot with the `SkipFinalShapshot` parameter, the request results in an error.

Constraints:

- Must be 1 to 255 letters, numbers, or hyphens.
- First character must be a letter
- Can't end with a hyphen or contain two consecutive hyphens

Type: String

Required: No

SkipFinalSnapshot

Specifies whether to skip the creation of a final DB cluster snapshot before RDS deletes the DB cluster. If you set this value to `true`, RDS doesn't create a final DB cluster snapshot. If you set this value to `false` or don't specify it, RDS creates a DB cluster snapshot before it deletes the DB cluster. By default, this parameter is disabled, so RDS creates a final DB cluster snapshot.



Note

If `SkipFinalSnapshot` is disabled, you must specify a value for the `FinalDBSnapshotIdentifier` parameter.

Type: Boolean

Required: No



DBCluster

Contains the details of an Amazon Aurora DB cluster or Multi-AZ DB cluster.

For an Amazon Aurora DB cluster, this data type is used as a response element in the operations

CreateDBCluster, DeleteDBCluster, DescribeDBClusters, FailoverDBCluster, ModifyDBCluster, PromoteReadReplicaDBCluster, RestoreDBClusterFromS3, RestoreDBClusterFromSnapshot, RestoreDBClusterToPointInTime, StartDBCluster, and StopDBCluster.

For a Multi-AZ DB cluster, this data type is used as a response element in the operations

CreateDBCluster, DeleteDBCluster, DescribeDBClusters, FailoverDBCluster, ModifyDBCluster, RebootDBCluster, RestoreDBClusterFromSnapshot, and RestoreDBClusterToPointInTime.

For more information on Amazon Aurora DB clusters, see [What is Amazon Aurora?](#) in the *Amazon Aurora User Guide*.

For more information on Multi-AZ DB clusters, see [Multi-AZ deployments with two readable standby DB instances](#) in the *Amazon RDS User Guide*.

Type: [DBCluster](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).



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additional automated backups. The retained automated backups quota is the same as your DB cluster quota.

HTTP Status Code: 400

DBClusterNotFoundFault

`DBClusterIdentifier` doesn't refer to an existing DB cluster.

HTTP Status Code: 404

DBClusterSnapshotAlreadyExistsFault

The user already has a DB cluster snapshot with the given identifier.

HTTP Status Code: 400

InvalidDBClusterSnapshotStateFault

The supplied value isn't a valid DB cluster snapshot state.

HTTP Status Code: 400

InvalidDBClusterStateFault

The requested operation can't be performed while the cluster is in this state.

HTTP Status Code: 400

SnapshotQuotaExceeded

The request would result in the user exceeding the allowed number of DB snapshots.

HTTP Status Code: 400

Examples

Deleting an Aurora DB cluster

This example illustrates one usage of DeleteDBCluster.

Sample Request

```
https://rds.us-east-1.amazonaws.com/?Action=DeleteDBCluster
&DBClusterIdentifier=sample-cluster-1
&SignatureMethod=HmacSHA256
&SignatureVersion=4
&Version=2014-10-31
&X-Amz-Algorithm=AWS4-HMAC-SHA256
&X-Amz-Credential=AKIADQKE...
```




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```
<AllocatedStorage>1000</AllocatedStorage>
<AssociatedRoles />
<AvailabilityZones />
<ReadReplicaIdentifiers />
<EngineVersion>8.0.26</EngineVersion>
<MasterUsername>admin</MasterUsername>
<DBClusterMembers />
<HttpEndpointEnabled>>false</HttpEndpointEnabled>
<Port>3066</Port>
<MonitoringInterval>0</MonitoringInterval>
<BackupRetentionPeriod>1</BackupRetentionPeriod>
<DBClusterIdentifier>my-cluster</DBClusterIdentifier>
<DbClusterResourceId>cluster-ABCDEFGHIJK</DbClusterResourceId>
<LatestRestorableTime>2021-01-01T00:00:00Z</LatestRestorableTime>
<Status>available</Status>
<PreferredBackupWindow>2021-01-01T00:00:00Z-2021-01-01T01:00:00Z</PreferredBackupWindow>
<DeletionProtection>>false</DeletionProtection>
<Endpoint>my-multi-az-cluster.amazonaws.com</Endpoint>
<EngineMode>provisioned</EngineMode>
<Engine>mysql</Engine>
<ReaderEndpoint>my-multi-az-cluster-readonly.amazonaws.com</ReaderEndpoint>
<PubliclyAccessible>true</PubliclyAccessible>
<IAMDatabaseAuthenticationEnabled>false</IAMDatabaseAuthenticationEnabled>
<EarliestRestorableTime>2021-01-01T00:00:00Z</EarliestRestorableTime>
<ClusterCreateTime>2021-01-01T00:00:00Z</ClusterCreateTime>
<PerformanceInsightsEnabled>false</PerformanceInsightsEnabled>
<MultiAZ>false</MultiAZ>
<DomainMemberships />
<StorageEncrypted>>false</StorageEncrypted>
<DBSubnetGroup>subnetgroup-12345678</DBSubnetGroup>
<VpcSecurityGroups>
  <VpcSecurityGroupMembership>
    <VpcSecurityGroupId>sg-12345678</VpcSecurityGroupId>
    <Status>active</Status>
  </VpcSecurityGroupMembership>
</VpcSecurityGroups>
<TagList />
<HostedZoneId>Z3GZ3VYA3P</HostedZoneId>
<PreferredMaintenanceWindow>2021-01-01T00:00:00Z-2021-01-01T01:00:00Z</PreferredMaintenanceWindow>
<DBClusterParameterGroup>pg1</DBClusterParameterGroup>
<StorageType>io1</StorageType>
<DBClusterInstanceClass>db.m4.xlarge</DBClusterInstanceClass>
<CopyTagsToSnapshot>>false</CopyTagsToSnapshot>
<AutoMinorVersionUpgrade>true</AutoMinorVersionUpgrade>
<DBClusterArn>arn:aws:rds:us-east-1:123456789012:dbcluster:my-cluster</DBClusterArn>
</DBCluster>
</DeleteDBClusterResult>
<ResponseMetadata>
  <RequestId>08b84e67-7e89-4f8b-9b2d-123456789012</RequestId>
</ResponseMetadata>
</DeleteDBClusterResponse>
```

See Also



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