



Amazon Relational Database Service (Updated 2014-05-28)

Quick Reference Card (Only the most common parameters are shown for each command. See the CLI Reference for a complete list of commands and parameters.)

Database Instances

rds-create-db-instance
Creates a new DB instance.
rds-create-db-instance *DBInstanceIdentifier*
 --allocated-storage *value*
 --db-instance-class *value* --engine *value*
 --master-user-password *value*
 --master-username *value*
 [--license-model *value*] [--character-set *value*]
 [--auto-minor-version-upgrade *value*]
 [--engine-version *value*] [--multi-az *value*]
 [--availability-zone *value*] [--iops *value*]
 [--db-name *value*] [--port *value*]
 [--db-parameter-group *value*] [--publicly-accessible *value*]
 [--db-subnet-group-name *value*]
 [--db-security-groups *value*[,*value*...]]
 [--preferred-maintenance-window *value*]
 [--backup-retention-period *value*]
 [--preferred-backup-window *value*]

rds-modify-db-instance
Modifies an existing DB instance.
rds-modify-db-instance *DBInstanceIdentifier*
 [--allow-major-version-upgrade *value*]
 [--auto-minor-version-upgrade *value*]
 [--engine-version *value*]
 [--allocated-storage *value*]
 [--apply-immediately]
 [--backup-retention-period *value*]
 [--db-instance-class *value*]
 [--db-parameter-group-name *value*]
 [--db-subnet-group-name *value*]
 [--db-security-groups *value*[,*value*...]]
 [--vpc-security-group-ids *value*[,*value*...]]
 [--master-user-password *value*]
 [--multi-az *value*]
 [--preferred-maintenance-window *value*]
 [--preferred-backup-window *value*]
 [--new-db-instance-identifier *value*]
 [--iops *value*]

rds-describe-db-instances
Returns information about all DB instances for this account or just the specified instance.
rds-describe-db-instances [*DBInstanceIdentifier*]
 [--max-records *value*]

rds-delete-db-instance
Deletes the specified DB instance.
rds-delete-db-instance *DBInstanceIdentifier*
 [--final-db-snapshot-identifier *value*]
 [--skip-final-snapshot]

rds-restore-db-instance-to-point-in-time
Creates a new DB Instance from the data contained in the source DB Instance at a specified time.
rds-restore-db-instance-to-point-in-time
TargetDBInstanceIdentifier
 --source-db-instance-identifier *value*
 [--use-latest-restorable-time] [--restore-time *value*]
 [--availability-zone *value*] [--db-instance-class *value*]
 [--port *value*] [--multi-az *value*] [--engine *value*]
 [--db-subnet-group-name *value*] [--iops *value*]
 [--auto-minor-version-upgrade *value*]
 [--publicly-accessible *value*] [--license-model *value*]
 [--option-group *value*]

rds-restore-db-instance-from-db-snapshot
Creates a new DB instance from a DB snapshot.
rds-restore-db-instance-from-db-snapshot
DBInstanceIdentifier
 --db-snapshot-identifier *value*
 [--availability-zone *value*]
 [--db-name *value*] [--engine *value*]
 [--db-instance-class *value*] [--option-group *value*]
 [--license-model *value*] [--port *value*]
 [--multi-az *value*] [--iops *value*]
 [--db-subnet-group-name *value*]
 [--auto-minor-version-upgrade *value*]
 [--publicly-accessible *value*]

Database Snapshots

rds-create-db-snapshot
Creates a snapshot containing all data and configuration associated with an DB instance.
rds-create-db-snapshot *DBInstanceIdentifier*
 --db-snapshot-identifier *value*

rds-delete-db-snapshot
Permanently deletes a DB snapshot.
rds-delete-db-snapshot *DBSnapshotIdentifier*

rds-describe-db-snapshots
Returns information about DB snapshots for this account. Specify a DB instance ID to return a list of snapshots for that instance, or a DB snapshot ID for information about a specific snapshot.
rds-describe-db-snapshots
 [--db-instance-identifier *value*]
 [--db-snapshot-identifier *value*] [--snapshot-type *value*]

rds-copy-db-snapshot
Creates a copy of all data and configuration associated with the specified DB snapshot.
rds-copy-db-snapshot *SourceDBSnapshotIdentifier*
 --target-db-snapshot-identifier *value*

Read Replicas

rds-create-db-instance-read-replica
Creates a DB instance that acts as a read replica of a source DB instance.
rds-create-db-instance-read-replica *DBInstanceIdentifier*
 --source-db-instance-identifier *value*
 [--db-instance-class *value*] [--publicly-accessible *value*]
 [--port *value*] [--iops *value*]
 [--auto-minor-version-upgrade *value*]
 [--availability-zone *value*]

rds-promote-read-replica
Promotes a read replica to become the new source DB instance.
rds-promote-read-replica *DBInstanceIdentifier*
 [--backup-retention-period *value*]
 [--preferred-backup-window *value*]

Log Files

rds-describe-db-log-files
Displays a list of log files for a DB instance. Filter by optional parms.
rds-delete-db-snapshot *DBInstanceIdentifier*
 [--filename-contains *value*]
 [--file-last-written *value*]
 [--file-size *value*]

rds-download-db-logfile
Downloads the specified log file.
rds-download-db-logfile *DBInstanceIdentifier*
 --log-file-name *value*

Database Security

rds-create-db-security-group
Creates a DB security group. The EC2 VPC ID should only be specified if creating a security group for an instance in a VPC.
rds-create-db-security-group *DBSecurityGroupName*
 --db-security-group-description *value*
 --ec2-vpc-id *value*

rds-describe-db-security-groups
Returns information about all DB security groups for this account, or just the specified DB security group.
rds-describe-db-security-groups [*DBSecurityGroupName*]
 [--maxrecords *value*]

rds-authorize-db-security-group-ingress
Authorizes network traffic for a named security group.
rds-authorize-db-security-group-ingress
DBSecurityGroupName
 [--ec2-security-group-id *value*]
 [--ec2-security-group-name *value*]
 [--cidr-ip *value*]
 [--ec2-security-group-owner-id *value*]

rds-revoke-db-security-group-ingress
Revokes network traffic authorization for a security group.
rds-revoke-db-security-group-ingress *DBSecurityGroupName*
 [--cidr-ip *value*]
 [--ec2-security-group-name *value*]
 [--ec2-security-group-id *value*]
 [--ec2-security-group-owner-id *value*]

rds-delete-db-security-group
Deletes a DB security group.
rds-delete-db-security-group *DBSecurityGroupName*

Parameters & Parameter Groups

rds-create-db-parameter-group
Creates a DB parameter group.
rds-create-db-parameter-group *DBParameterGroupName*
 --description *value* --db-parameter-group-family *value*

rds-describe-db-parameter-groups
Returns information about all DB parameter groups for this account, or just the specified DB parameter group.
rds-describe-db-parameter-groups [*DBParameterGroupName*]
 [--max-records *value*]

rds-delete-db-parameter-group
Deletes a DB parameter group.
rds-delete-db-parameter-group *DBParameterGroupName*

rds-reset-db-parameter-group
Resets the specified parameters in the DB parameter group to default values or resets all parameters if no parameters are specified.
rds-reset-db-parameter-group *DBParameterGroupName*
 [--parameters "name=value, method=value" ...]
 [--reset-all-parameters]

rds-modify-db-parameter-group
Modifies the parameters in a DB Parameter Group.
rds-modify-db-parameter-group *DBParameterGroupName*
 --parameters "name=value, value=value, method=value" ...

rds-describe-db-parameters
Returns information about parameters in the DB parameter group.
rds-describe-db-parameters *DBParameterGroupName*
 [--source *value*]
 [--maxrecords *value*]

rds-describe-engine-default-parameters
Returns information about the default parameters for the specified parameter group family.
rds-describe-engine-default-parameters
ParameterGroupFamily
 [--maxrecords *value*]

Tagging

rds-add-tag-to-resource
Adds a tag to an Amazon RDS resource.
rds-add-tag-to-resource *resourcename*
 --key *value*
 --value *value*

rds-list-tags-for-resource
List all tags for an Amazon RDS resource.
rds-list-tags-for-resource *resourcename*

rds-remove-tags-from-resource
Removes a tag for each key specified from an Amazon RDS resource.
rds-remove-tags-from-resource *resourcename*
 --keys *value*[,*value2*,...]

Events and Event Subscriptions

rds-describe-events
Returns information about events related to DB instances, DB Snapshots, DB Security Groups, and DB Parameter Groups.
rds-describe-events [--duration *value*]
 [--start-time *value*] [--max-records *value*]
 [--source-identifier *value*] [--EventCategories *value*]
 [--source-type *value*] [--end-time *value*]

rds-describe-event-subscriptions
Lists all the subscription descriptions for an AWS account or for the specified subscription.
rds-describe-event-subscriptions *SubscriptionName*
 [--marker *value*] [--max-records *value*]

rds-create-event-subscription
Creates an Amazon RDS event notification subscription.
rds-create-event-subscription *SubscriptionName*
 --SnsTopicArn *value*
 [--EventCategories *value*] [--SourceIds *value*]
 [--SourceType *value*] [--Enabled *value*]

rds-add-source-identifier-to-subscription
Adds a source identifier to an existing event notification subscription.
rds-add-source-identifier-to-subscription *SubscriptionName*
 --SourceIdentifier *value*

rds-describe-event-categories
Lists categories for all event source type or the specified source type.
rds-describe-event-categories --SourceType *value*

rds-modify-event-subscription
Adds a source identifier to an existing event notification subscription.
rds-modify-event-subscription *SubscriptionName*
 --SnsTopicArn *value* [--EventCategories *value*]
 [--SourceType *value*] [--Enabled *value*]