Engine options

Engine type Info

- (•) Amazon Aurora
- ( ) MySQL
- ( ) MariaDB
- ( ) PostgreSQL
- ( ) Oracle
- ( ) Microsoft SQL Server

Edition

- (•) Amazon Aurora MySQL-Compatible Edition
- ( ) Amazon Aurora PostgreSQL-Compatible Edition

Edition

- (•) Amazon Aurora MySQL-Compatible Edition
- ( ) Amazon Aurora PostgreSQL-Compatible Edition

Capacity type Info

- (•) Provisioned
  You provision and manage the server instance sizes.
- ( ) Serverless
  You specify the minimum and maximum amount of resources needed, and Aurora scales the capacity based on database load. This is a good option for intermittent or unpredictable workloads.

▶ **Replication features** Info

Single-master replication is currently selected

Engine version Info

View the engine versions that support the following database features.

▶ Show filters

Templates

Choose a sample template to meet your use case.

- ○ **Production**
  Use defaults for high availability and fast, consistent performance.
- ◉ **Dev/Test**
  This instance is intended for development use outside of a production environment.

Settings

DB cluster identifier **Info**

Type a name for your DB cluster. The name must be unique across all DB clusters owned by your AWS account in the current AWS Region.

database-1

The DB cluster identifier is case-insensitive, but is stored as all lowercase (as in "mydbcluster"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

▼ **Credentials Settings**

Master username Info

Type a login ID for the master user of your DB instance.

admin

1 to 16 alphanumeric characters. First character must be a letter.

☐ Auto generate a password

Amazon RDS can generate a password for you, or you can specify your own password.

Master password Info

••••••••

Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), '(single quote), "(double quote) and @ (at sign).

Confirm password Info

••••••••

DB instance class

DB instance class Info

◉ Memory optimized classes (includes r classes)

○ Burstable classes (includes t classes)

DB instance class

DB instance class Info

- ○ Memory optimized classes (includes r classes)
- ◉ Burstable classes (includes t classes)

db.t2.small
1 vCPUs 2 GiB RAM Not EBS Optimized

Include previous generation classes

Availability & durability

Multi-AZ deployment Info

- ○ Create an Aurora Replica or Reader node in a different AZ (recommended for scaled availability)
  Creates an Aurora Replica for fast failover and high availability.
- ◉ Don't create an Aurora Replica

Subnet group **Info**

DB subnet group that defines which subnets and IP ranges the DB instance can use in the VPC you selected.

default

Public access **Info**

- (•) Yes
  Amazon EC2 instances and devices outside the VPC can connect to your database. Choose one or more VPC security groups that specify which EC2 instances and devices inside the VPC can connect to the database.
- ( ) No
  RDS will not assign a public IP address to the database. Only Amazon EC2 instances and devices inside the VPC can connect to your database.

VPC security group

Choose a VPC security group to allow access to your database. Ensure that the security group rules allow the appropriate incoming traffic.

- (•) Choose existing
  Choose existing VPC security groups
- ( ) Create new
  Create new VPC security group

Existing VPC security groups

Choose VPC security groups

default ×

▼ Additional configuration

Database options, encryption enabled, failover, backup enabled, backtrack disabled, Enhanced Monitoring enabled, maintenance, CloudWatch Logs, delete protection disabled.

Database options

Initial database name **Info**

employee

If you do not specify a database name, Amazon RDS does not create a database.

DB cluster parameter group **Info**

default.aurora-mysql5.7

DB parameter group **Info**

default.aurora-mysql5.7

Option group **Info**

Maintenance

Auto minor version upgrade **Info**

- [x] Enable auto minor version upgrade
  Enabling auto minor version upgrade will automatically upgrade to new minor versions as they are released. The automatic upgrades occur during the maintenance window for the database.

Maintenance window **Info**

Select the period you want pending modifications or maintenance applied to the database by Amazon RDS.

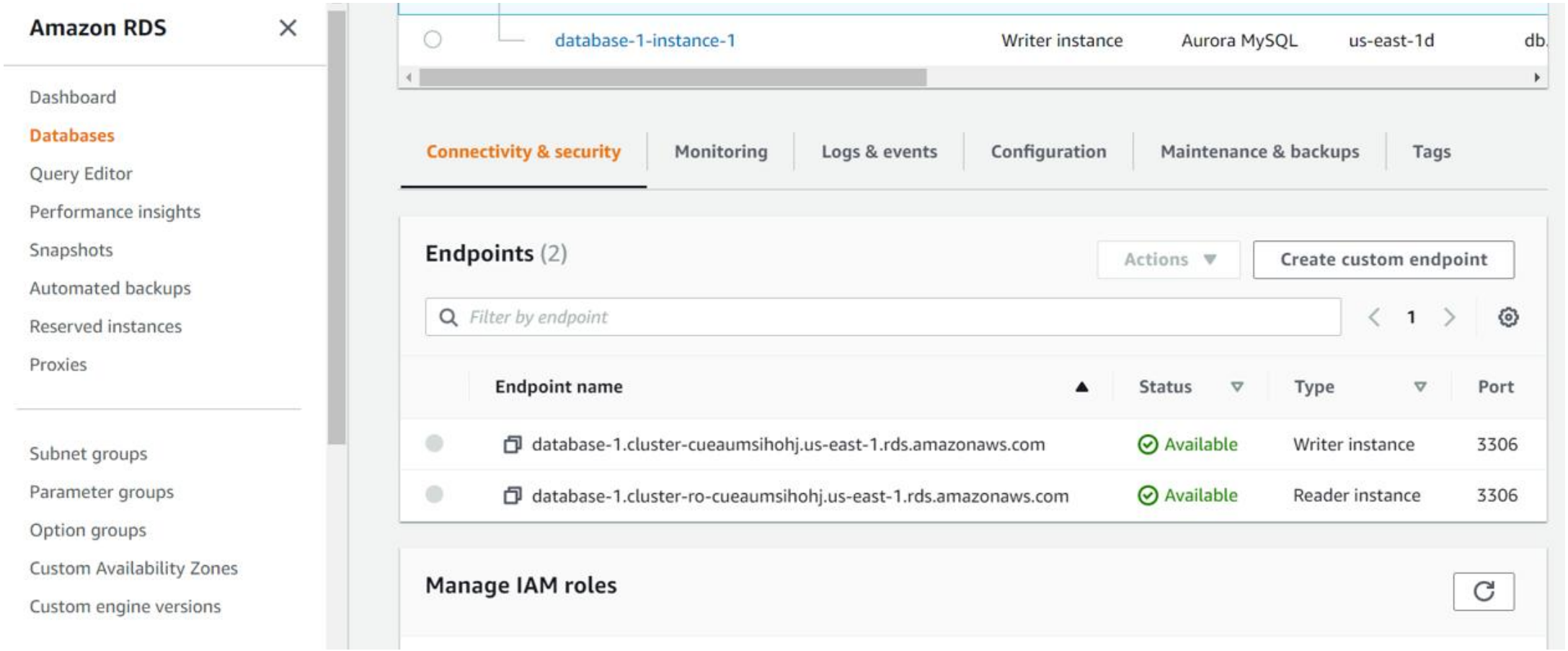
- ( ) Select window
- (•) No preference

Deletion protection

- [ ] Enable deletion protection
  Protects the database from being deleted accidentally. While this option is enabled, you can't delete the database.

ⓘ You are responsible for ensuring that you have all of the necessary rights for any third-party products or services that you use with AWS services.

Cancel Create database


Amazon RDS
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Snapshots
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Reserved instances
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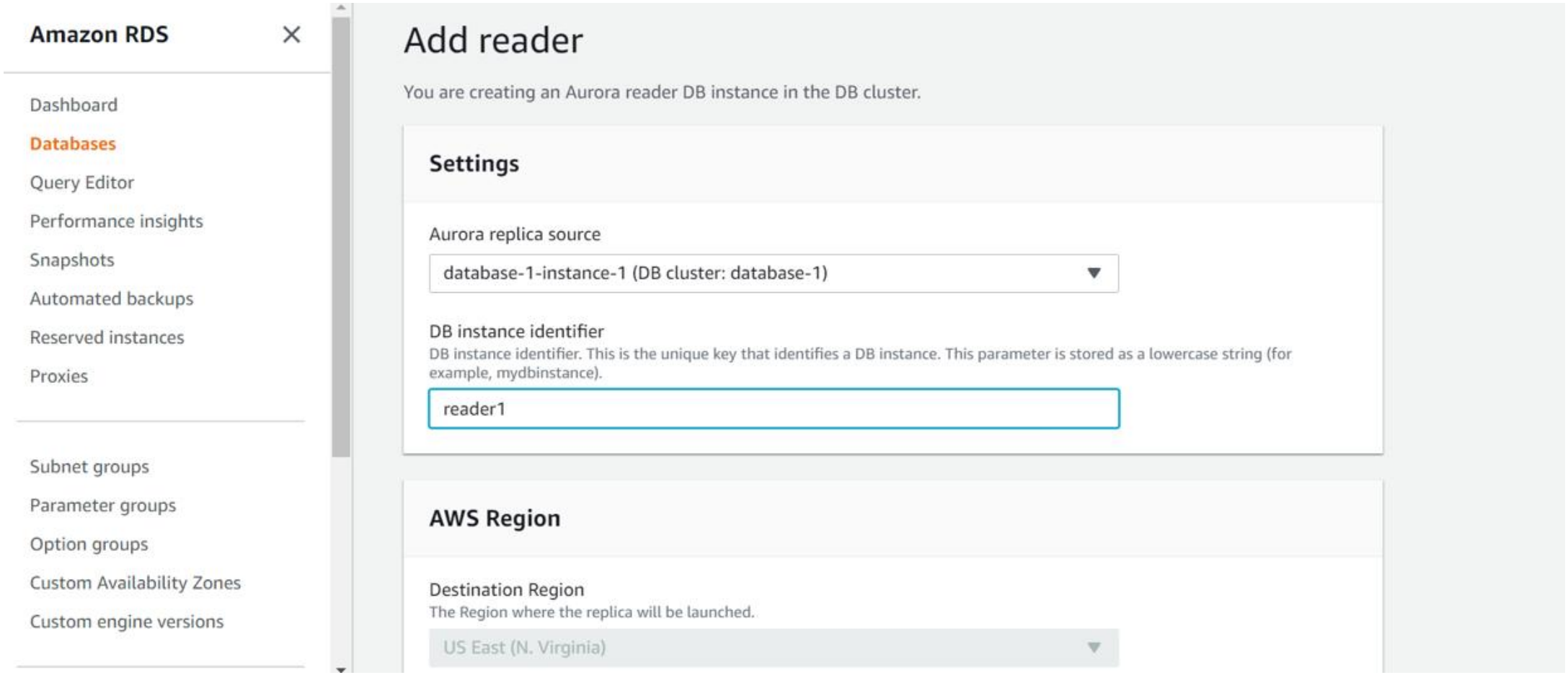
Custom Availability Zones
Custom engine versions
database-1-instance-1
Writer instance
Aurora MySQL
us-east-1d
Connectivity & security
Monitoring
Logs & events
Configuration
Maintenance & backups
Tags
Endpoints (2)
Actions
Create custom endpoint
Filter by endpoint
1
Endpoint name
Status
Type
Port
database-1.cluster-cueaumsihohj.us-east-1.rds.amazonaws.com
Available
Writer instance
3306
database-1.cluster-ro-cueaumsihohj.us-east-1.rds.amazonaws.com
Available
Reader instance
3306
Manage IAM roles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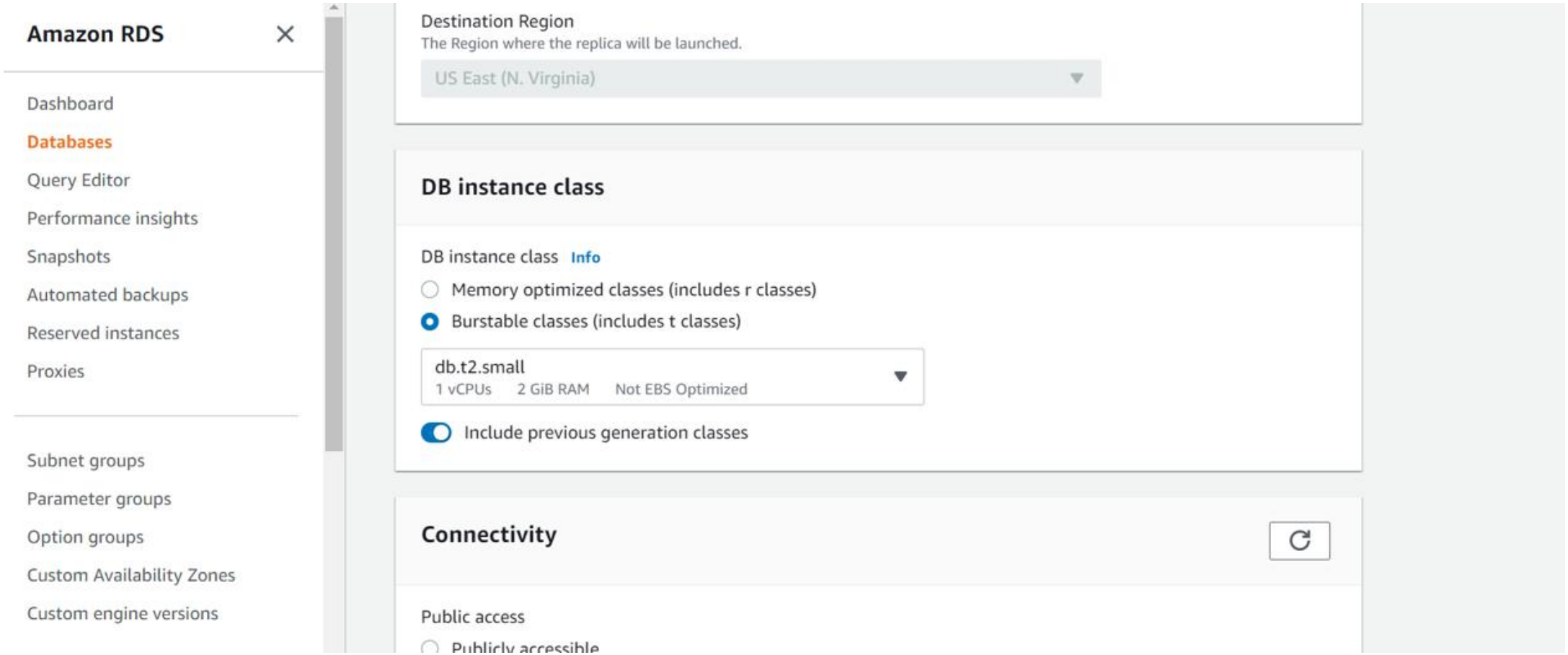
Add reader
You are creating an Aurora reader DB instance in the DB cluster.
Settings
Aurora replica source
database-1-instance-1 (DB cluster: database-1)
DB instance identifier
DB instance identifier. This is the unique key that identifies a DB instance. This parameter is stored as a lowercase string (for example, mydbinstance).
reader1
AWS Region
Destination Region
The Region where the replica will be launched.
US East (N. Virginia)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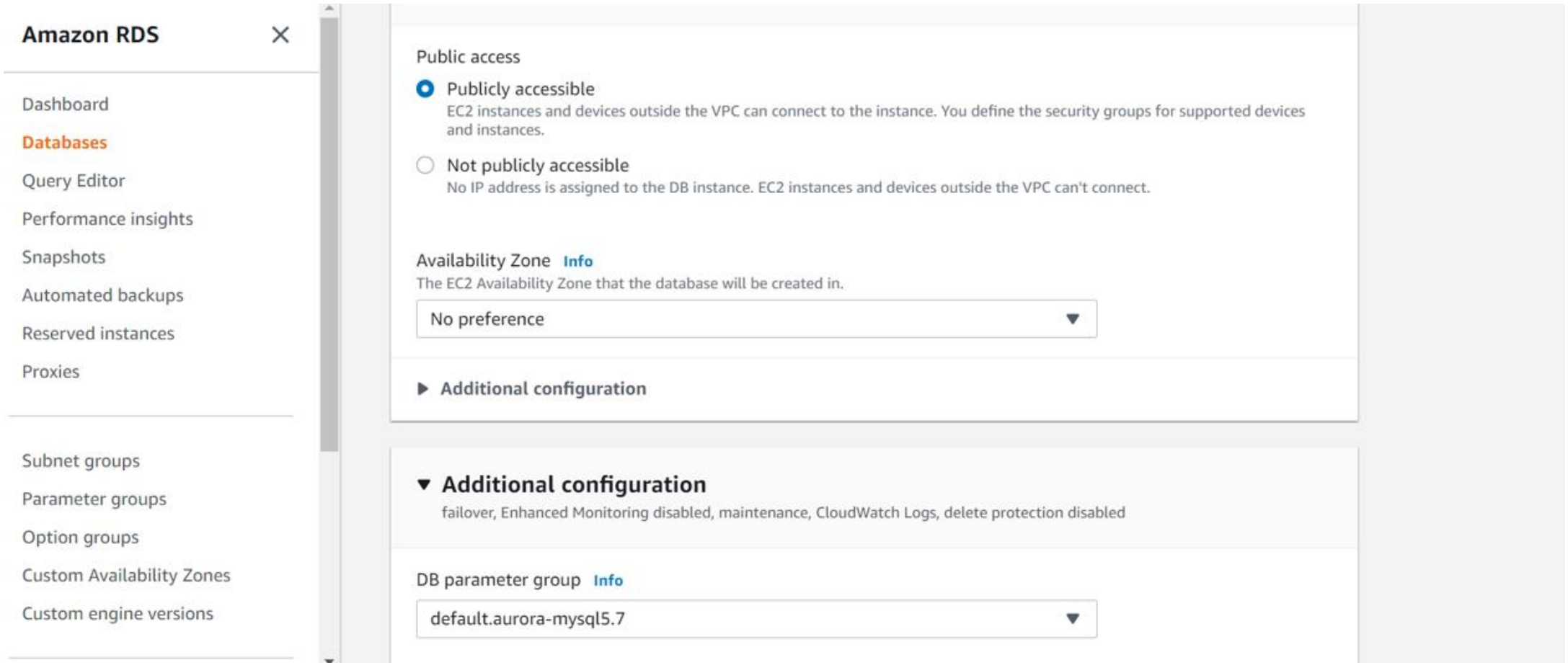
Option groups
Custom Availability Zones
Custom engine versions
Destination Region
The Region where the replica will be launched.
US East (N. Virginia)
DB instance class
DB instance class Info
Memory optimized classes (includes r classes)
Burstable classes (includes t classes)
db.t2.small
1 vCPUs 2 GiB RAM Not EBS Optimized
Include previous generation classes
Connectivity
Public access
Publicly accessible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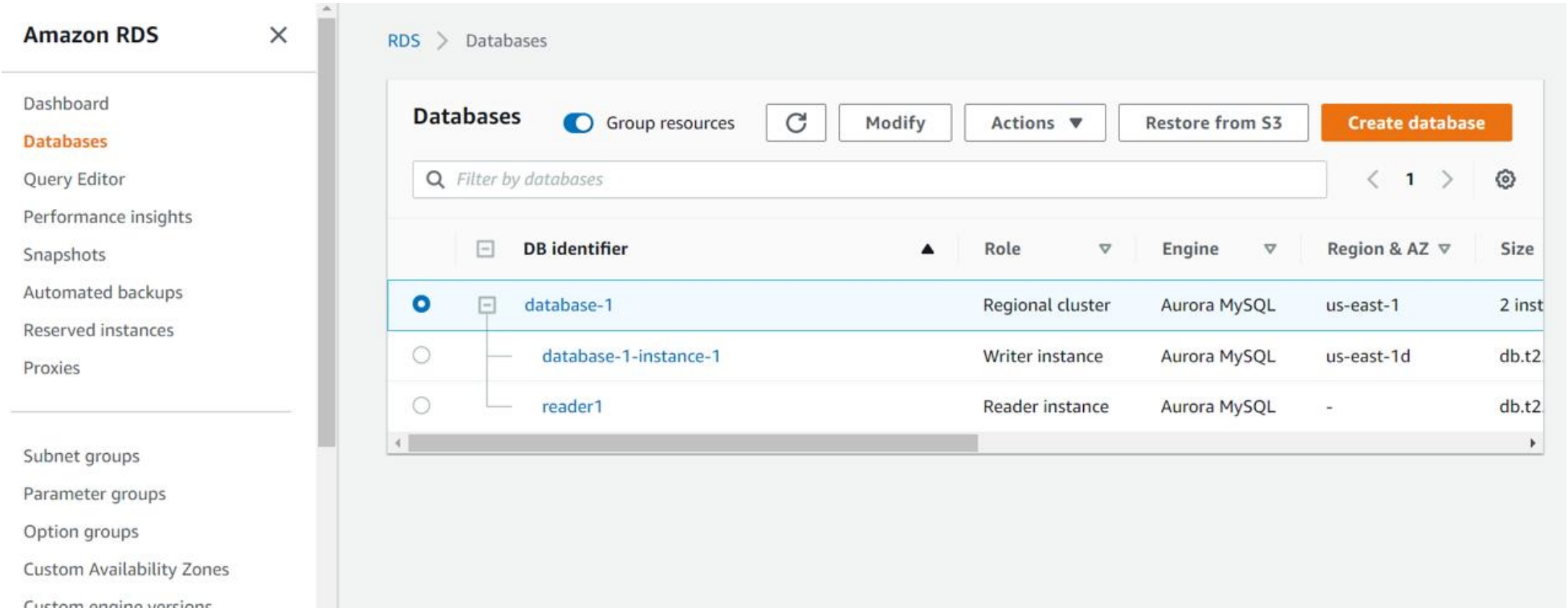
Public access
Publicly accessible
EC2 instances and devices outside the VPC can connect to the instance. You define the security groups for supported devices and instances.
Not publicly accessible
No IP address is assigned to the DB instance. EC2 instances and devices outside the VPC can't connect.
Availability Zone Info
The EC2 Availability Zone that the database will be created in.
No preference
Additional configuration
Additional configuration
failover, Enhanced Monitoring disabled, maintenance, CloudWatch Logs, delete protection disabled
DB parameter group Info
default.aurora-mysql5.7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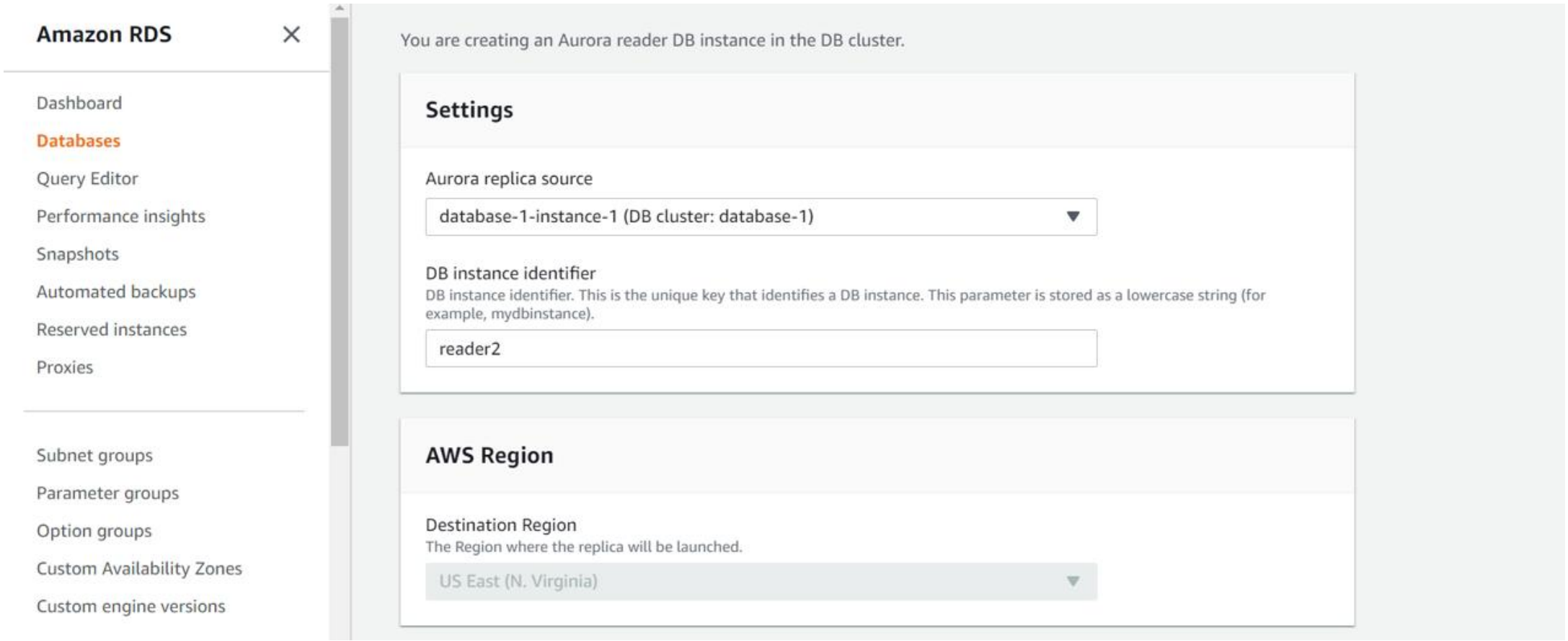
Option groups
Custom Availability Zones
RDS > Databases
Databases
Group resources
Modify
Actions
Restore from S3
Create database
Filter by databases
1
DB identifier
Role
Engine
Region & AZ
Size
database-1
Regional cluster
Aurora MySQL
us-east-1
2 inst
database-1-instance-1
Writer instance
Aurora MySQL
us-east-1d
db.t2
reader1
Reader instance
Aurora MySQL
-
db.t2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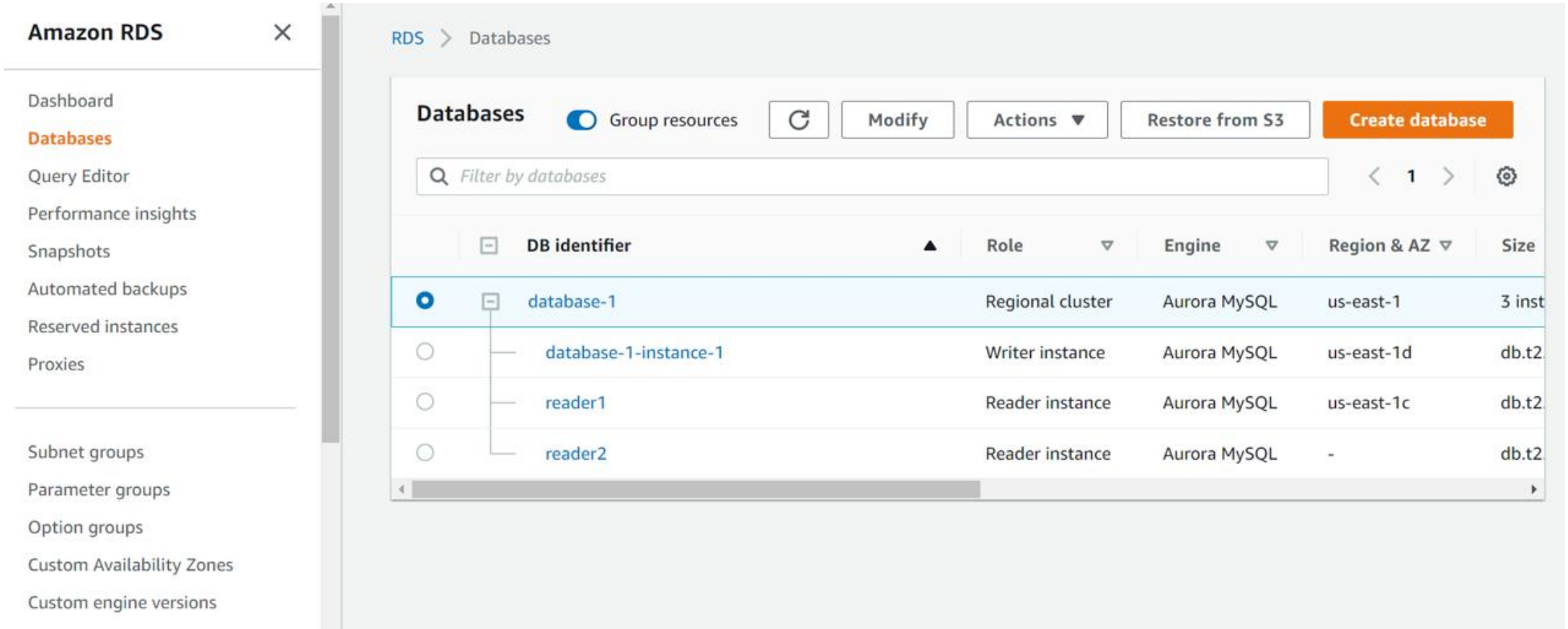
Settings
Aurora replica source
database-1-instance-1 (DB cluster: database-1)
DB instance identifier
DB instance identifier. This is the unique key that identifies a DB instance. This parameter is stored as a lowercase string (for example, mydbinstance).
reader2
AWS Region
Destination Region
The Region where the replica will be launched.
US East (N. Virginia)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RDS > Databases
Databases
Group resources
Modify
Actions
Restore from S3
Create database
Filter by databases
1
DB identifier
Role
Engine
Region & AZ
Size
database-1
Regional cluster
Aurora MySQL
us-east-1
3 inst
database-1-instance-1
Writer instance
Aurora MySQL
us-east-1d
db.t2
reader1
Reader instance
Aurora MySQL
us-east-1c
db.t2
reader2
Reader instance
Aurora MySQL
-
db.t2