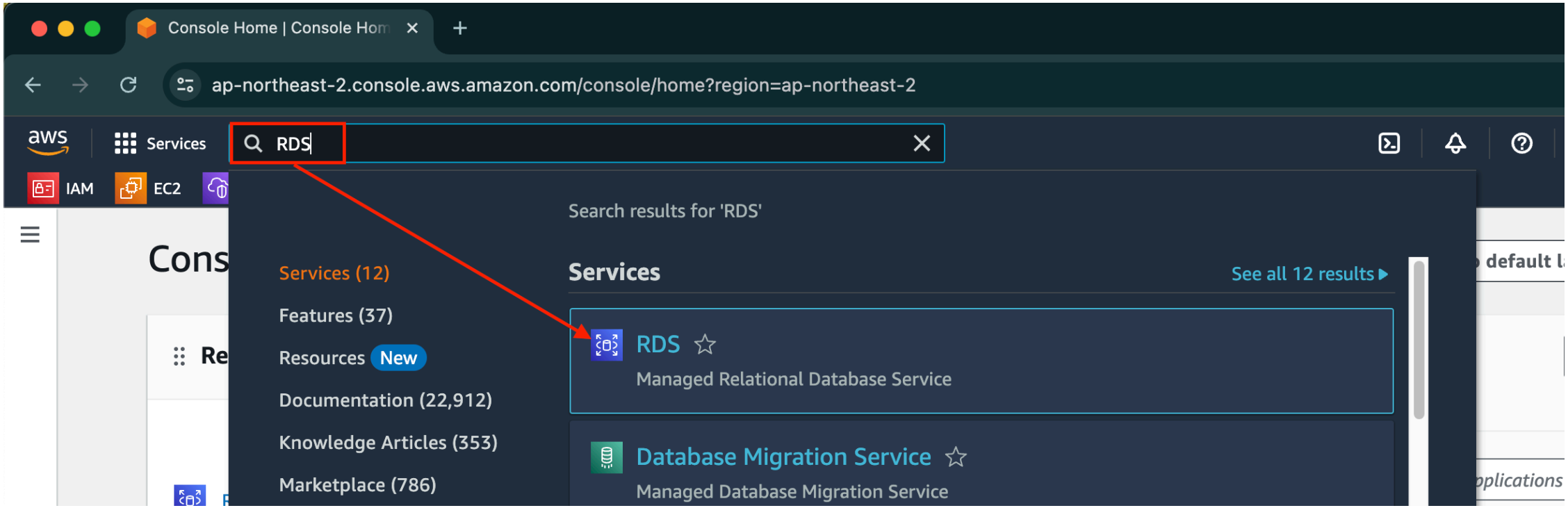
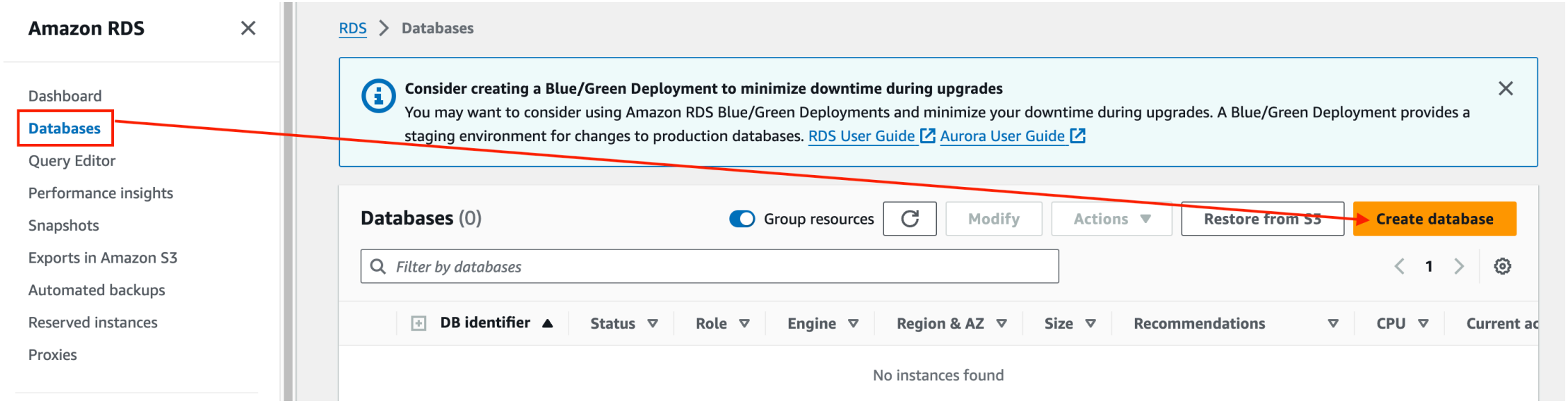
AWS MySQL 생성

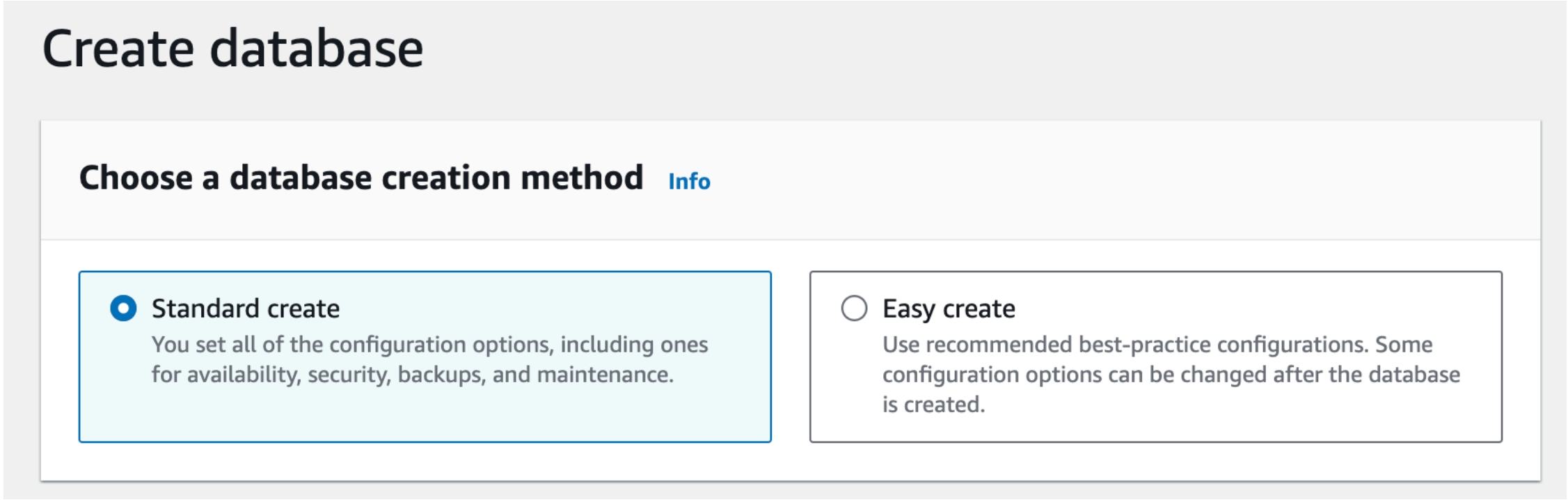
단계1: RDS 접속


Console Home | Console Hom
ap-northeast-2.console.aws.amazon.com/console/home?region=ap-northeast-2
aws
Services
RDS
IAM
EC2
Search results for 'RDS'
Services (12)
Features (37)
Resources New
Documentation (22,912)
Knowledge Articles (353)
Marketplace (786)
Services
See all 12 results
RDS
Managed Relational Database Service
Database Migration Service
Managed Database Migration Service

단계2: Databases > Create Database



단계3: Choose a database creation method



단계4: Engine Options > Engine type

Engine options

Engine type Info

- ○ Aurora (MySQL Compatible)

- ○ Aurora (PostgreSQL Compatible)

- ● MySQL

- ○ MariaDB

단계5: Engine Options > Engine Version

Edition

MySQL Community

Engine version Info

View the engine versions that support the following database features.

Hide filters

Show versions that support the Multi-AZ DB cluster Info

Create a A Multi-AZ DB cluster with one primary DB instance and two readable standby DB instances. Multi-AZ DB clusters provide up to 2x faster transaction commit latency and automatic failover in typically under 35 seconds.

Show versions that support the Amazon RDS Optimized Writes Info

Amazon RDS Optimized Writes improves write throughput by up to 2x at no additional cost.

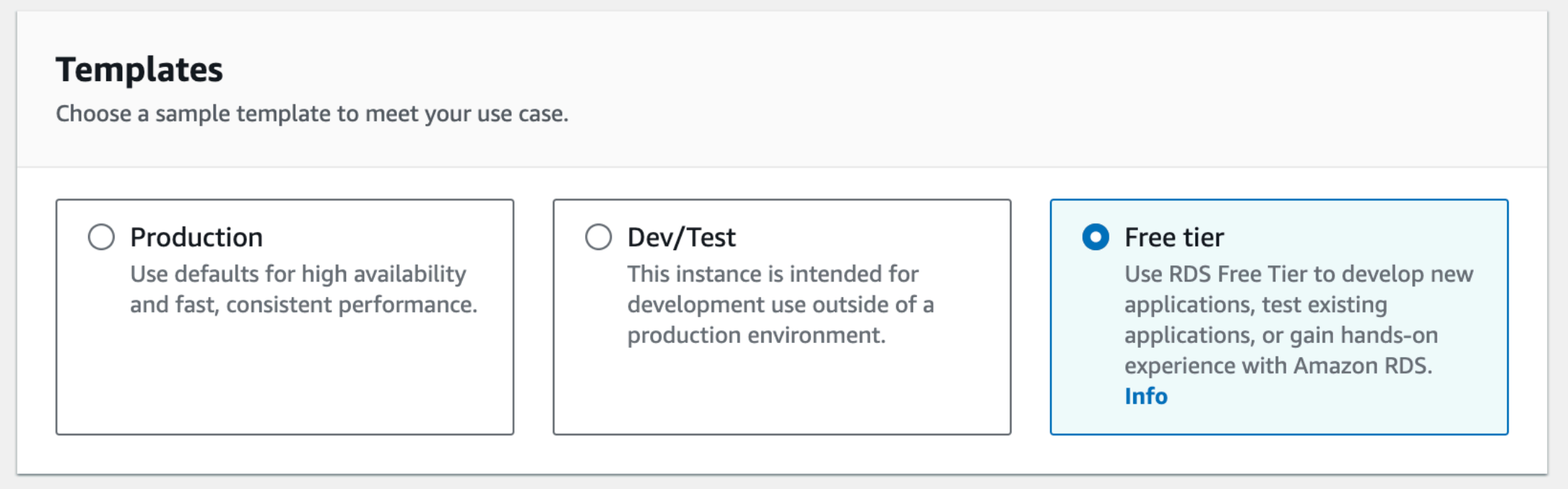
Engine Version

MySQL 8.0.35

Enable RDS Extended Support Info

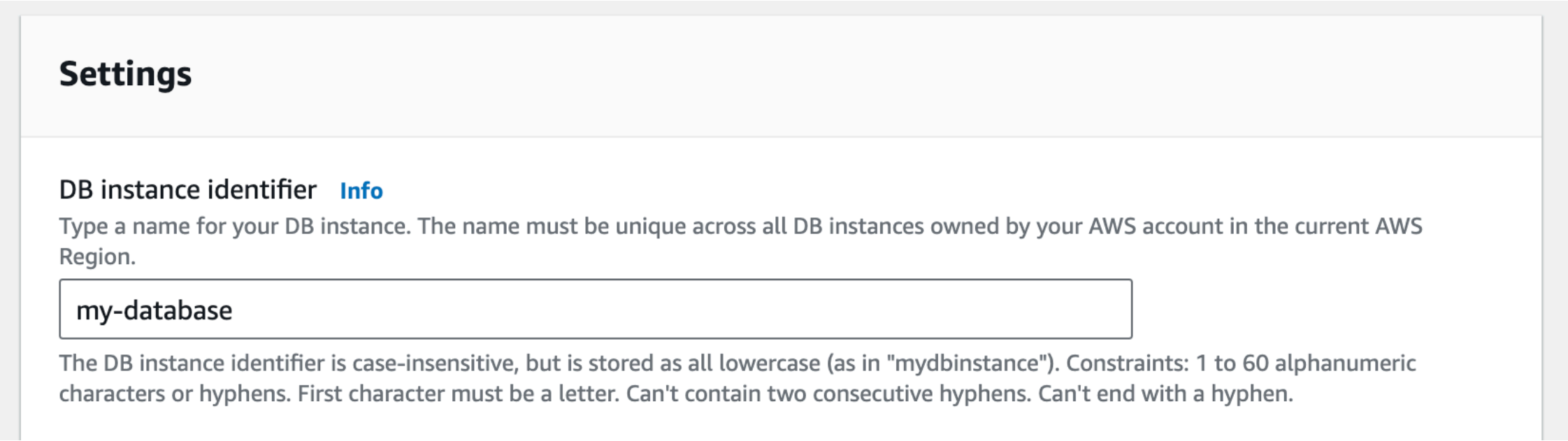
Amazon RDS Extended Support is a paid offering. By selecting this option, you consent to being charged for this offering if you are running your database major version past the RDS end of standard support date for that version. Check the end of standard support date for your major version in the RDS for MySQL documentation

단계6: Template



단계7: Settings > DB instance identifier

- `DB 인스턴스 식별자` : 선택한 리전의 계정에 대해 고유한 DB 인스턴스 이름을 입력합니다. 본 자습서에서는 이름을 rds-mysql-10minTutorial로 지정합니다.



단계8: Settings > Credentials Settings

- `마스터 사용자 이름` : DB 인스턴스에 로그인할 때 사용할 사용자 이름을 입력합니다.
- `마스터 암호` : 마스터 사용자 암호에 8~41개의 인쇄용 ASCII 문자(/, " 및 @ 제외)가 포함된 암호를 입력합니다.
- `암호 확인` : 암호를 다시 입력합니다.

Credentials Settings

Master username Info

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

admin

1 to 16 alphanumeric characters. The first character must be a letter.

Credentials management

You can use AWS Secrets Manager or manage your master user credentials.

- ○ Managed in AWS Secrets Manager - *most secure*
  RDS generates a password for you and manages it throughout its lifecycle using AWS Secrets Manager.
- ◉ Self managed
  Create your own password or have RDS create a password that you manage.

☐ Auto generate password

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

Master password Info

••••••••

Password strength Weak

Minimum constraints: At least 8 printable ASCII characters. Can't contain any of the following symbols: / ' " @

Confirm master password Info

••••••••

단계9: Instance configuration

Instance configuration

The DB instance configuration options below are limited to those supported by the engine that you selected above.

DB instance class Info

▼ Hide filters

Show instance classes that support Amazon RDS Optimized Writes Info

Amazon RDS Optimized Writes improves write throughput by up to 2x at no additional cost.

Include previous generation classes

Standard classes (includes m classes)

Memory optimized classes (includes r and x classes)

Burstable classes (includes t classes)

db.t3.micro

2 vCPUs 1 GiB RAM Network: 2,085 Mbps

단계10: Storage

Storage

Storage type Info

Provisioned IOPS SSD (io2) storage volumes are now available.

General Purpose SSD (gp2)
Baseline performance determined by volume size

Allocated storage Info

20 GiB

The minimum value is 20 GiB and the maximum value is 6,144 GiB

After you modify the storage for a DB instance, the status of the DB instance will be in storage-optimization. Your instance will remain available as the storage-optimization operation completes. Learn more

▼ Storage autoscaling

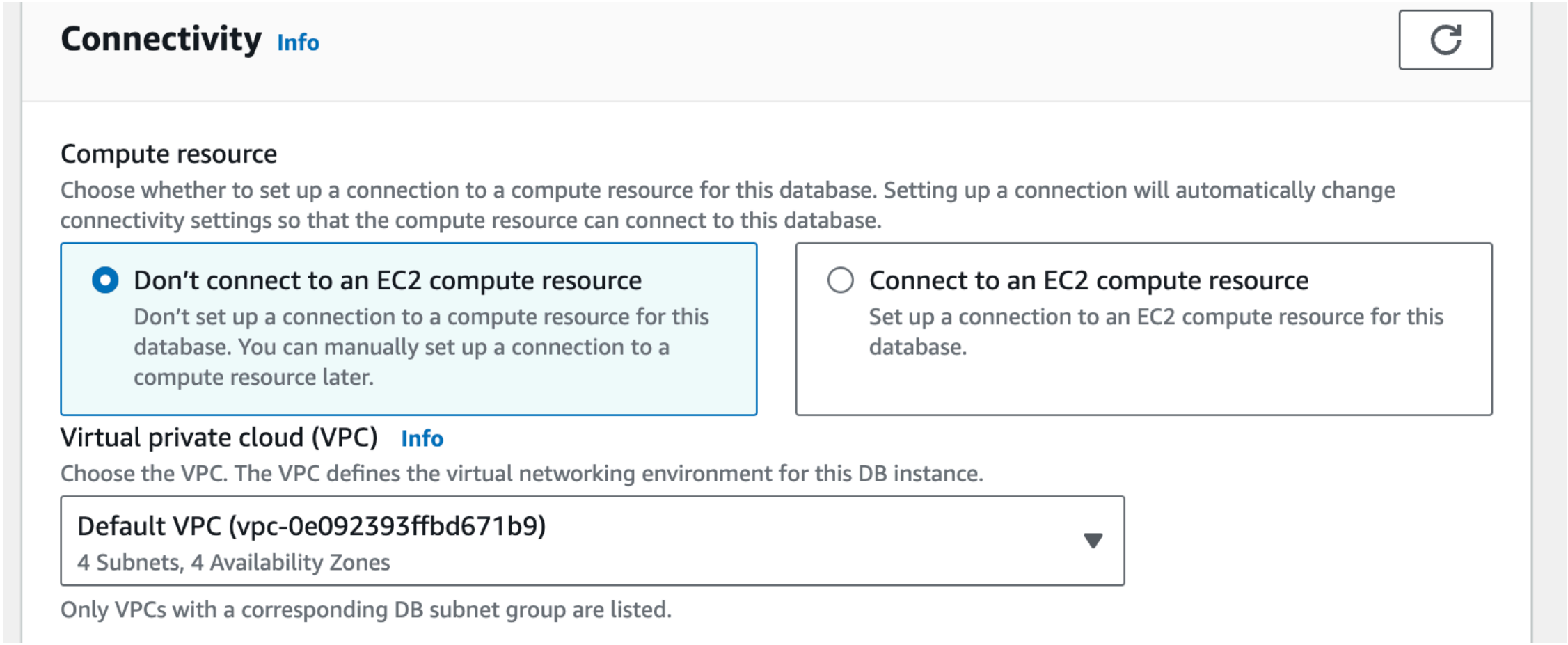
Storage autoscaling Info

Provides dynamic scaling support for your database's storage based on your application's needs.

☐ Enable storage autoscaling

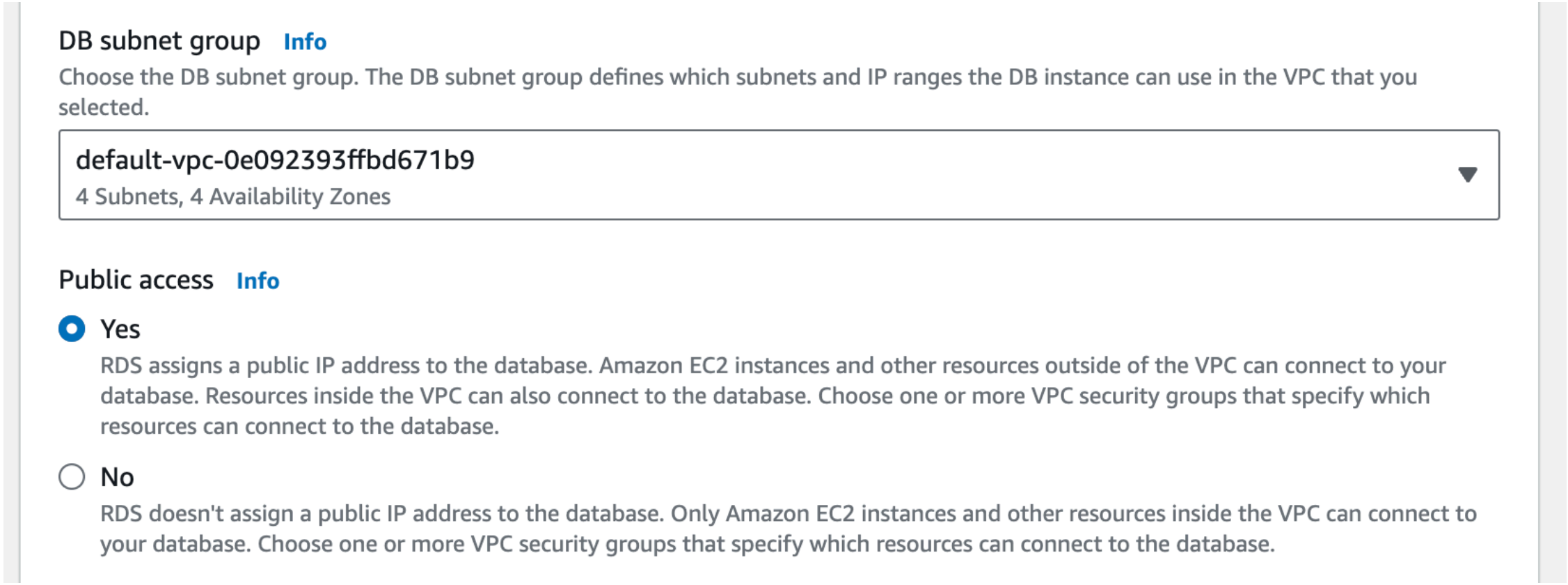
Enabling this feature will allow the storage to increase after the specified threshold is exceeded.

단계11: Connectivity > VPC



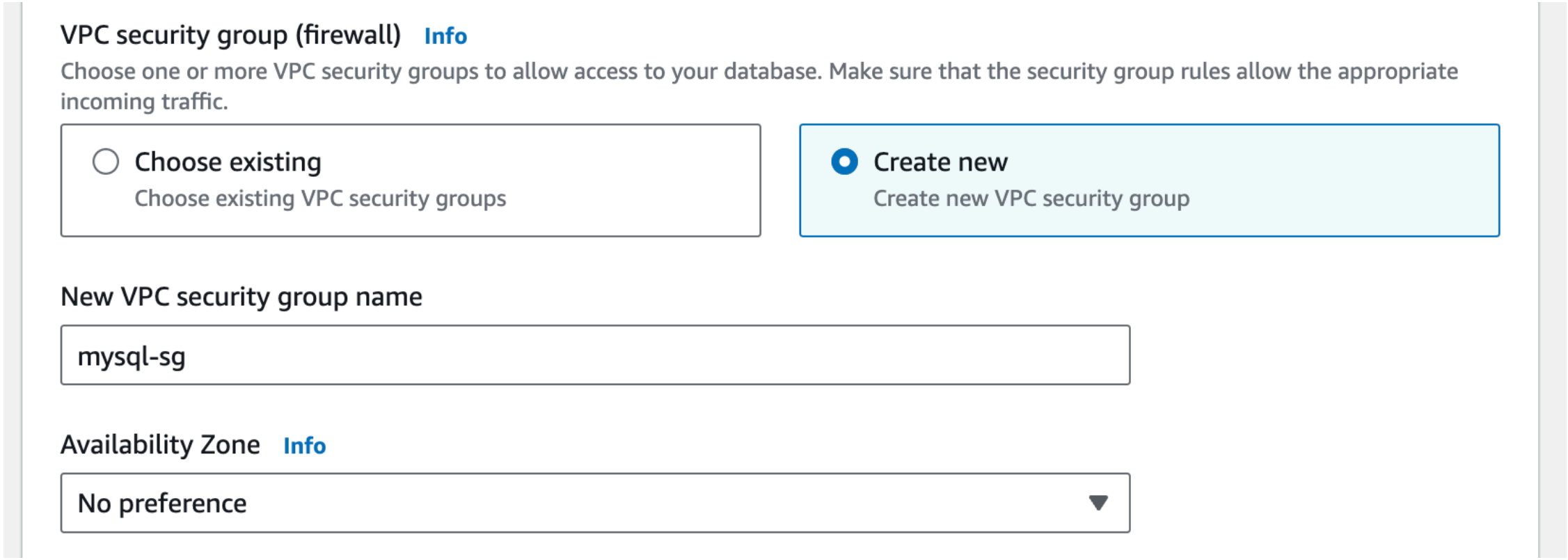
단계12: Connectivity > Public access

- `퍼블릭 액세스 기능` : 예를 선택합니다. 이렇게 하면 데이터베이스 인스턴스에 대한 IP 주소가 할당되므로 사용자 디바이스에서 데이터베이스에 직접 연결할 수 있습니다.



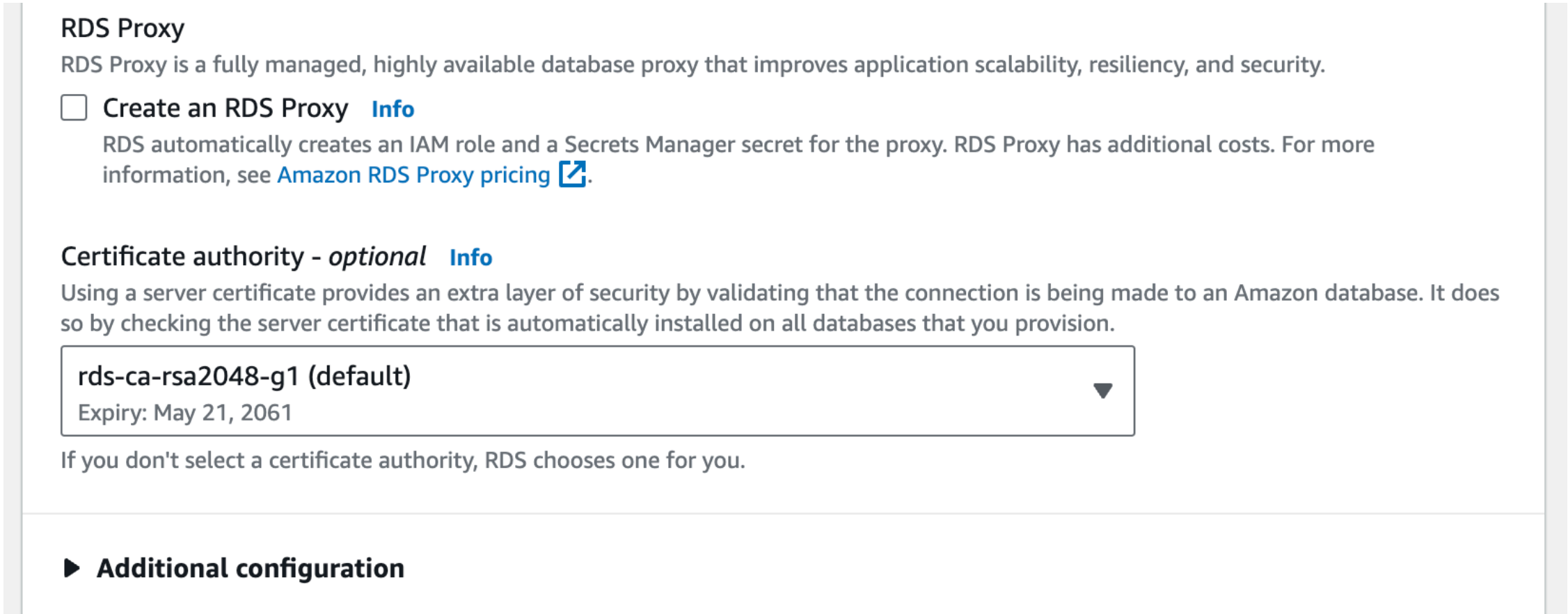
단계13: Connectivity > Create Security Group

- `VPC 보안 그룹` : 새 VPC 보안 그룹 생성을 선택합니다. 이렇게 하면 현재 사용하고 있는 디바이스의 IP 주소에서, 생성된 데이터베이스로 연결할 수 있는 보안 그룹이 생성됩니다.



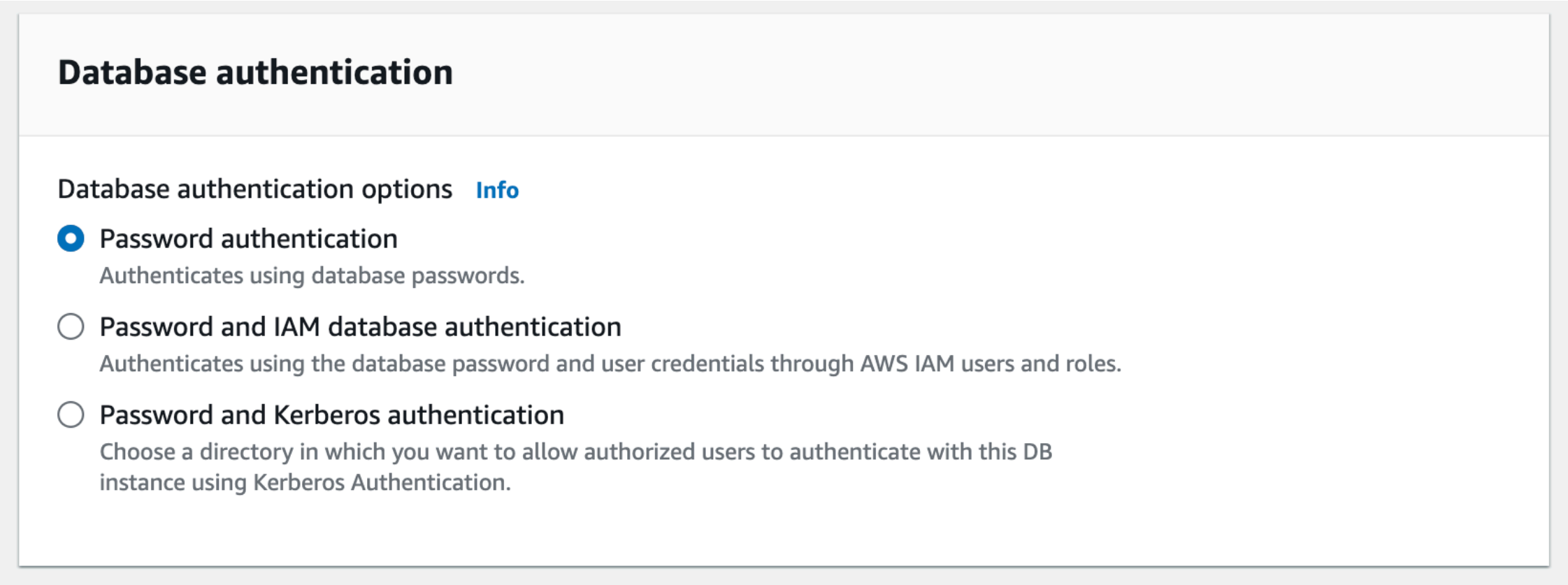
단계14: Connectivity > RDS Proxy

- `RDS 프록시` : Amazon RDS 프록시를 사용하면 애플리케이션이 데이터베이스 연결을 풀링하고 공유하도록 허용하여 확장 능력을 개선할 수 있습니다. RDS 프록시는 선택하지 않은 상태로 둡니다.



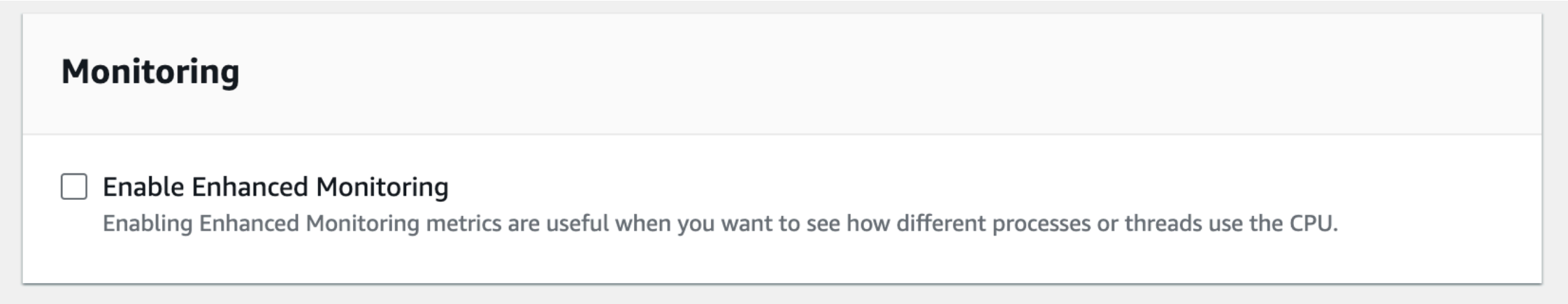
단계15: Database authentication

- Amazon RDS는 데이터베이스 사용자를 인증하는 여러 가지 방법을 지원합니다. 옵션 목록에서 암호 인증을 선택합니다.



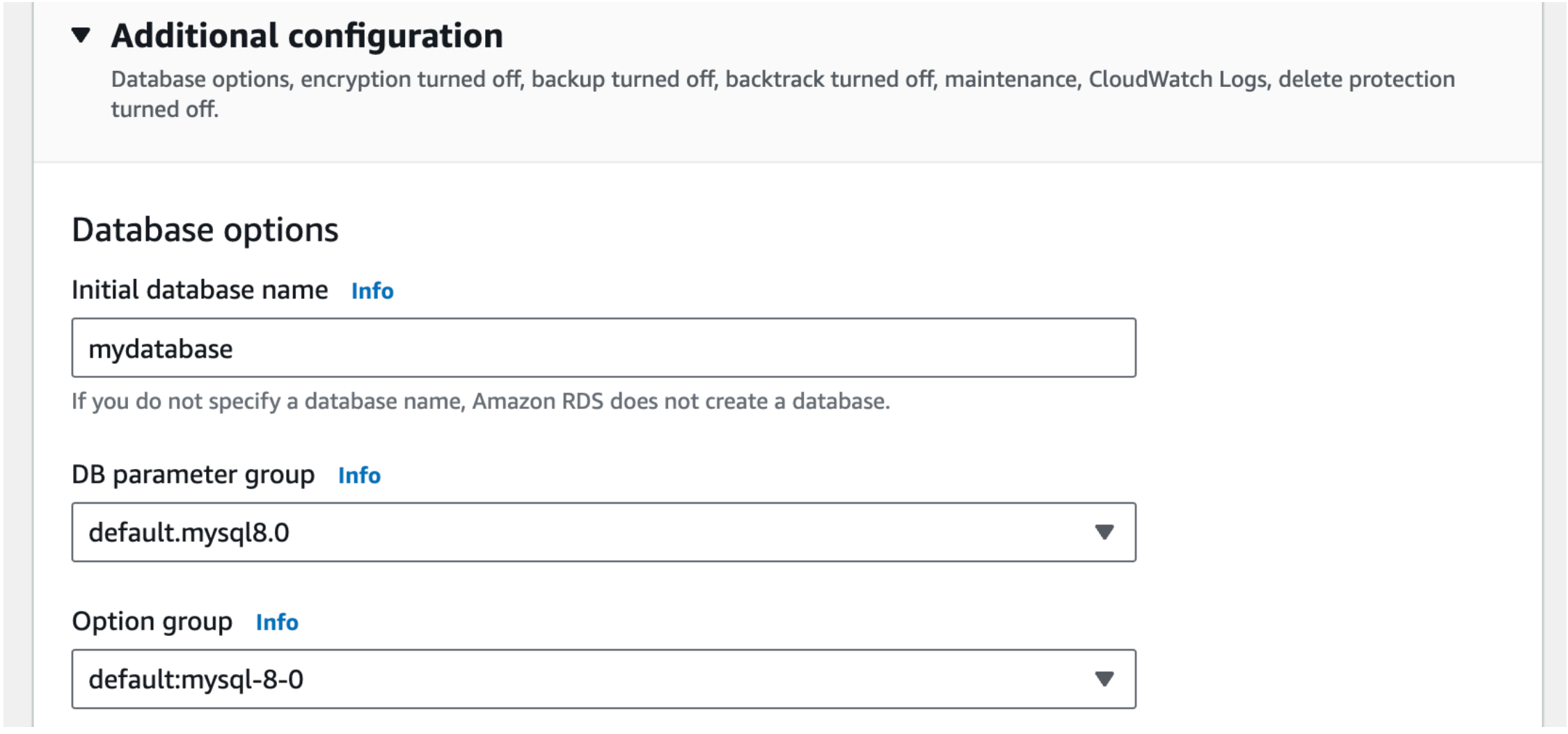
단계16: Monitoring

- `모니터링 강화` : 프리 티어 범위 내에서 사용하려면 고급 모니터링 활성화를 선택하지 않은 상태로 둡니다. 향상된 모니터링 기능을 활성화하면 DB 인스턴스가 실행되는 운영 체제(OS)에 대한 지표가 실시간으로 제공됩니다.



단계17: Additional configuration > Database options

- Initial database name 설정



단계18: Additional configuration > Backup

Backup

☐ Enable automated backups

Creates a point-in-time snapshot of your database

Encryption

☐ Enable encryption

Choose to encrypt the given instance. Master key IDs and aliases appear in the list after they have been created using the AWS Key Management Service console. **Info**

Log exports

Select the log types to publish to Amazon CloudWatch Logs

☐ Audit log

☐ Error log

☐ General log

☐ Slow query log

단계19: Additional configuration > Deletion protection

Maintenance

Auto minor version upgrade **Info**

☑ 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.

○ Choose a window

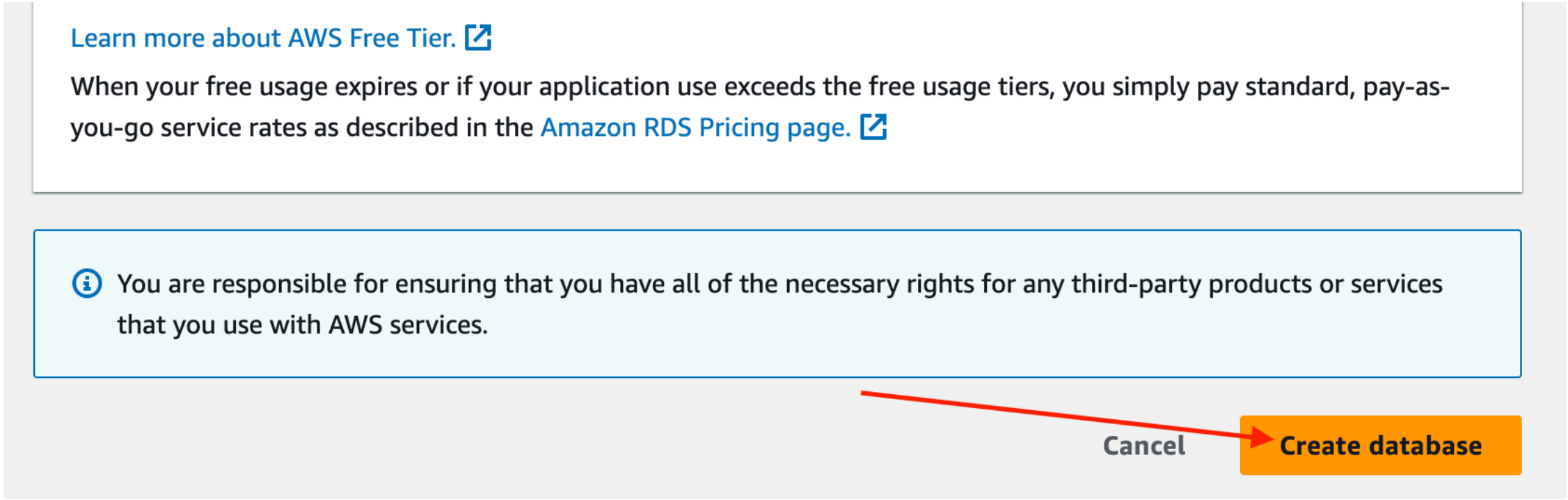
◉ No preference

Deletion protection

☐ Enable deletion protection

Protects the database from being deleted accidentally. While this option is enabled, you can't delete the database.

단계20: Create database



단계21: 생성 완료 > Available