

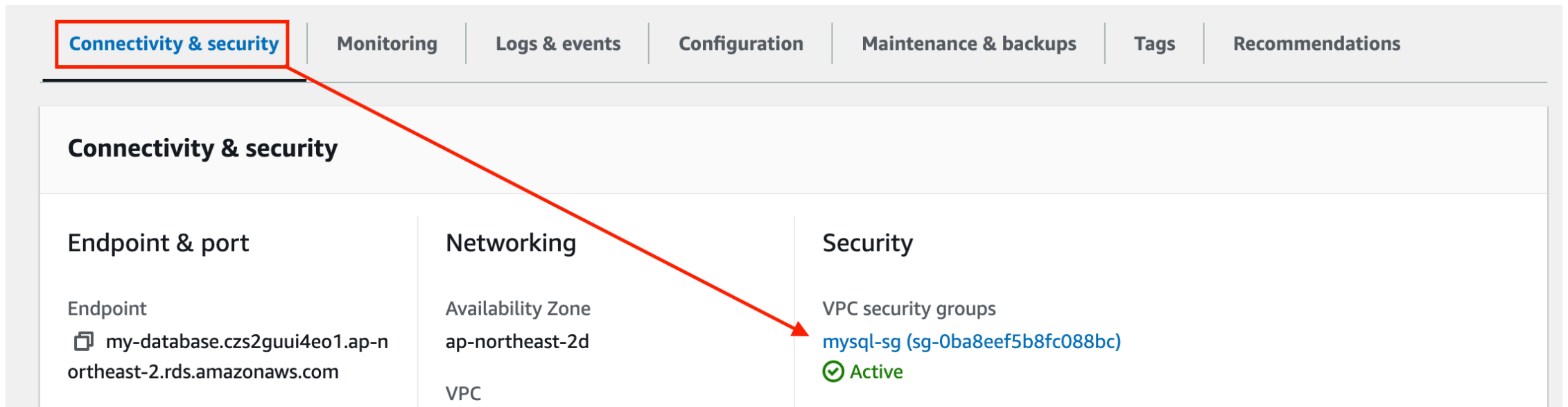
# Security Group 수정

## 단계1: 생성된 MySQL 클릭

The screenshot shows the Amazon RDS console interface. On the left, the 'Amazon RDS' sidebar contains a list of navigation items: 'Dashboard', 'Databases' (highlighted with a red box and a red arrow pointing to the table), 'Query Editor', 'Performance insights', 'Snapshots', 'Exports in Amazon S3', 'Automated backups', 'Reserved instances', and 'Proxies'. The main content area is titled 'RDS > Databases'. At the top, there is a light blue informational banner with an 'i' icon and the text: 'Consider creating a Blue/Green Deployment to minimize downtime during upgrades. You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. [RDS User Guide](#) [Aurora User Guide](#)'. Below the banner, the 'Databases (1)' section features a 'Group resources' toggle, a 'Refresh' button, and buttons for 'Modify', 'Actions', 'Restore from S3', and 'Create database'. A search bar labeled 'Filter by databases' is present. The database list is shown in a table with columns: 'DB identifier', 'Status', 'Role', 'Engine', 'Region & AZ', 'Size', and 'Recommendations'. The table contains one entry: 'my-database' (with a link icon), 'Available' (with a green checkmark), 'Instance', 'MySQL Community', 'ap-northeast-2d', and 'db.t3.micro'. A red arrow points from the 'Databases' link in the sidebar to the 'my-database' entry in the table.

DB identifier	Status	Role	Engine	Region & AZ	Size	Recommendations
<a href="#">my-database</a>	Available	Instance	MySQL Community	ap-northeast-2d	db.t3.micro	

## 단계2: 생성된 시큐리티 클릭



The screenshot shows the AWS Management Console interface for the 'Connectivity & security' section. The top navigation bar includes tabs for 'Connectivity & security', 'Monitoring', 'Logs & events', 'Configuration', 'Maintenance & backups', 'Tags', and 'Recommendations'. The 'Connectivity & security' tab is selected and highlighted with a red box. Below the navigation bar, the 'Connectivity & security' section is divided into three columns: 'Endpoint & port', 'Networking', and 'Security'. The 'Endpoint & port' column shows the endpoint 'my-database.czs2guui4eo1.ap-northeast-2.rds.amazonaws.com'. The 'Networking' column shows the availability zone 'ap-northeast-2d' and the VPC. The 'Security' column shows the VPC security groups, with 'mysql-sg (sg-0ba8eef5b8fc088bc)' listed as 'Active'. A red arrow points from the 'Connectivity & security' tab to the 'mysql-sg (sg-0ba8eef5b8fc088bc)' link.

Endpoint & port	Networking	Security
Endpoint my-database.czs2guui4eo1.ap-northeast-2.rds.amazonaws.com	Availability Zone ap-northeast-2d VPC	VPC security groups mysql-sg (sg-0ba8eef5b8fc088bc) Active

## 단계3: Inbound rules 수정

The screenshot shows the AWS Management Console interface for Security Groups. On the left sidebar, the 'Network & Security' section is expanded, and 'Security Groups' is highlighted with a red box. An arrow points from this menu item to the main content area. The main content area displays a list of security groups. The second group, 'mysql-sg' with ID 'sg-0ba8eef5b8fc088bc', is selected with a checkbox and highlighted by a red box. An arrow points from this row to the 'Inbound rules' tab, which is also highlighted with a red box. Below the tabs, the 'Inbound rules (1)' section is visible, and the 'Edit inbound rules' button is highlighted with a red box. An arrow points from the 'Inbound rules' tab to this button. The top of the console shows the 'Security Groups (1/2)' header with various action buttons like 'Create security group' and 'Export security groups to CSV'.

EC2 Dashboard  
EC2 Global View  
Events

► Instances  
► Images  
► Elastic Block Store  
▼ Network & Security  
    **Security Groups**  
    Elastic IPs  
    Placement Groups  
    Key Pairs  
    Network Interfaces  
► Load Balancing  
▼ Auto Scaling

**Security Groups (1/2)** Info

Find resources by attribute or tag

	Name	Security group ID	Security group name	VPC ID	Description
<input type="checkbox"/>	-	<a href="#">sg-0b8eb5ef628718991</a>	default	<a href="#">vpc-0e092393ffbd671b9</a>	default VPC
<input checked="" type="checkbox"/>	-	<a href="#">sg-0ba8eef5b8fc088bc</a>	mysql-sg	<a href="#">vpc-0e092393ffbd671b9</a>	Created by

**sg-0ba8eef5b8fc088bc - mysql-sg**

Details **Inbound rules** Outbound rules Tags

**Inbound rules (1)** Manage tags **Edit inbound rules**

## 단계4: Inbound rules 추가

- 원칙적으로는 특정 IP대역에서만 접속하도록 설정해야함.
- `0.0.0.0/0` : 전세계 어디서든지 접속 가능

The screenshot shows the AWS IAM console interface for adding a security group rule. The interface includes a table with columns: Security group rule ID, Type, Protocol, Port range, Source, and Description - optional. The table lists two rules: one for 'sgr-0f60fd2fa77ffa480' and another for '-'. The second rule is highlighted with a red box. The 'Add rule' button is also highlighted with a red box. A red arrow points from the 'Add rule' button to the highlighted rule. Another red arrow points from the 'Save rules' button to the '0.0.0.0/0' source IP field.

Security group rule ID	Type <a href="#">Info</a>	Protocol <a href="#">Info</a>	Port range <a href="#">Info</a>	Source <a href="#">Info</a>	Description - optional <a href="#">Info</a>	
sgr-0f60fd2fa77ffa480	MySQL/Aurora ▼	TCP	3306	Custom ▼		Delete
-	MySQL/Aurora ▼	TCP	3306	Anyw... ▼	for dbeaver	Delete

**Add rule**

**Save rules**

Rules with source of 0.0.0.0/0 or ::/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

## 단계5: 결과 확인

-

sg-Oba8eef5b8fc088bc

mysql-sg

vpc-0e092393ffbd671b9

Created by F

=

Details

Inbound rules

Outbound rules

Tags

Inbound rules (2)

Manage tags

Edit inbound rules

Q Search

< 1 >

<input type="checkbox"/>	Name ▾	Security group rule... ▾	IP versi... ▾	Type ▾	Protocol ▾	Port ra... ▾	Source
<input type="checkbox"/>	-	sgr-0f60fd2fa77ffa480	IPv4	MYSQL/Aurora	TCP	3306	222.112.208.70/32
<input type="checkbox"/>	-	sgr-0ee8d1fa4d1fee9fa	IPv4	MYSQL/Aurora	TCP	3306	0.0.0.0/0