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File provider.tf

```
provider "aws" {  
  region = "eu-west-2"  
}
```

File vpc.tf

1. VPC

```
resource "aws_vpc" "latihan-vpc-awan_mendung" {  
  cidr_block = "10.0.0.0/18"  
  tags = {  
    Name = "latihan vpc awan mendung"  
  }  
}
```

2. Access control list (ACL)

```

resource "aws_network_acl" "latihan-acl-awan_mendung" {
  vpc_id = aws_vpc.latihan-vpc-awan_mendung.id

  ingress {
    protocol = "tcp"
    rule_no = 100
    action = "allow"
    cidr_block = "0.0.0.0/0"
    from_port = 3306
    to_port = 3306
  }

  ingress {
    protocol = "tcp"
    rule_no = 101
    action = "allow"
    cidr_block = "0.0.0.0/0"
    from_port = 22
    to_port = 22
  }

  egress {
    protocol = "-1"
    rule_no = 100
    action = "allow"
    cidr_block = "0.0.0.0/0"
    from_port = 0
    to_port = 0
  }

  tags = {
    Name = "latihan acl awan_mendung"
  }
}

```

### 3. Availability Zone a

```

resource "aws_subnet" "latihan-public-subnet-awan_mendung" {
  vpc_id = aws_vpc.latihan-vpc-awan_mendung.id
  cidr_block = "10.0.0.0/24"
  map_public_ip_on_launch = "true"
  availability_zone = "eu-west-2a"

  tags = {
    Name = "latihan public subnet awan mendung"
  }
}

resource "aws_subnet" "latihan-private-subnet-awan_mendung" {
  vpc_id = aws_vpc.latihan-vpc-awan_mendung.id
  cidr_block = "10.0.1.0/24"
  map_public_ip_on_launch = "false"
  availability_zone = "eu-west-2a"

  tags = {
    Name = "latihan private subnet awan mendung"
  }
}

```

#### 4. Availability Zone b (update)

```

resource "aws_subnet" "latihan-public-subnet2-awan_mendung" {
  vpc_id = aws_vpc.latihan-vpc-awan_mendung.id
  cidr_block = "10.0.2.0/24"
  map_public_ip_on_launch = "true"
  availability_zone = "eu-west-2b"

  tags = {
    Name = "latihan public subnet 2 awan mendung"
  }
}

resource "aws_subnet" "latihan-private-subnet2-awan_mendung" {
  vpc_id = aws_vpc.latihan-vpc-awan_mendung.id
  cidr_block = "10.0.3.0/24"
  map_public_ip_on_launch = "false"
  availability_zone = "eu-west-2b"

  tags = {
    Name = "latihan private subnet 2 awan mendung"
  }
}

```

#### 5. Asosiasi ACL dengan private subnet

```
resource "aws_network_acl_association" "latihan-acl-assoc-awan_mendung" {
  network_acl_id = aws_network_acl.latihan-acl-awan_mendung.id
  subnet_id = aws_subnet.latihan-private-subnet-awan_mendung.id
}

resource "aws_network_acl_association" "latihan-acl-assoc2-awan_mendung" {
  network_acl_id = aws_network_acl.latihan-acl-awan_mendung.id
  subnet_id = aws_subnet.latihan-private-subnet2-awan_mendung.id
}
```

## 6. Internet gateway

```
resource "aws_internet_gateway" "latihan-igw-awan_mendung" {
  vpc_id = aws_vpc.latihan-vpc-awan_mendung.id

  tags = {
    Name = "latihan igw awan mendung"
  }
}
```

## 7. Router table public

```
resource "aws_route_table" "latihan-public-rt-awan_mendung" {
  vpc_id = aws_vpc.latihan-vpc-awan_mendung.id

  route {
    cidr_block = "0.0.0.0/0"
    gateway_id = aws_internet_gateway.latihan-igw-awan_mendung.id
  }

  tags = {
    Name = "latihan public rt awan mendung"
  }
}
```

## 8. Asosiasi Public Subnet dan Router Public (update)

```
resource "aws_route_table_association" "latihan-public-rta-awan_mendung" {
  subnet_id = aws_subnet.latihan-public-subnet-awan_mendung.id
  route_table_id = aws_route_table.latihan-public-rt-awan_mendung.id
}

resource "aws_route_table_association" "latihan-public-rta2-awan_mendung" {
  subnet_id = aws_subnet.latihan-public-subnet2-awan_mendung.id
  route_table_id = aws_route_table.latihan-public-rt-awan_mendung.id
}
```

File ec2.tf

### 1. Security Group untuk EC2

```

resource "aws_security_group" "latihan-security-group-awan_mendung" {
  description = "Allow limited inbound external traffic"
  vpc_id = "${aws_vpc.latihan-vpc-awan_mendung.id}"

  name = "latihan-sg-awan-mendung"

  ingress {
    protocol = "tcp"
    cidr_blocks = ["0.0.0.0/0"]
    from_port = 22
    to_port = 22
  }

  ingress {
    protocol = "tcp"
    cidr_blocks = ["0.0.0.0/0"]
    from_port = 3000
    to_port = 3000
  }

  ingress {
    protocol = "tcp"
    cidr_blocks = ["0.0.0.0/0"]
    from_port = 3306
    to_port = 3306
  }

  ingress {
    protocol = "icmp"
    cidr_blocks = ["0.0.0.0/0"]
    from_port = -1
    to_port = -1
  }

  egress {
    protocol = "-1"
    cidr_blocks = ["0.0.0.0/0"]
    from_port = 0
    to_port = 0
  }

  tags = {
    Name = "latihan-sg-awan-mendung"
  }
}

```

## 2. Key Pair

```

resource "tls_private_key" "rsa" {
  algorithm = "RSA"
  rsa_bits = 4096
}

resource "local_file" "LatihanPrivateKeyPairAwanMendung" {
  filename = "latihanKeyPairAwanMendung"
  content = tls_private_key.rsa.private_key_pem
}

resource "aws_key_pair" "latihanKeyPairAwanMendung" {
  key_name = "latihanKeyPairAwanMendung"
  public_key = tls_private_key.rsa.public_key_openssh
}

```

### 3. Data template file

```

data "template_file" "user_data" {
  template = "${file("scriptku.sh")}"
  vars = {
    rds_address = "${aws_db_instance.latihan_db_rds_awan_mendung.address}"
    rds_username = "${aws_db_instance.latihan_db_rds_awan_mendung.username}"
    rds_password = "${aws_db_instance.latihan_db_rds_awan_mendung.password}"
    rds_db_name = "${aws_db_instance.latihan_db_rds_awan_mendung.db_name}"
  }
}

```

### 4. scriptku.sh

```

#!/bin/bash
sudo apt-get update
sudo apt install default-mysql-client -y
#sudo mysql -u "${rds_username}" --password="${rds_password}" --host "${rds_address}" -e "CREATE DATABASE ${rds_db_name} /
*!40100 DEFAULT CHARACTER SET utf8 *;"
sudo apt install nodejs npm -y
cd /home/admin
sudo mkdir myapp
cd myapp
git clone https://github.com/jokoprsty/latihan_rds.git
cd latihan_rds
echo "DB_USER=${rds_username}" >> .env
echo "DB_PASS=${rds_password}" >> .env
echo "DB_NAME=${rds_db_name}" >> .env
echo "DB_HOST=${rds_address}" >> .env
sudo npm install
sudo npm install pm2 -g
sudo pm2 start /home/admin/myapp/latihan_rds/app.js -u admin --watch
sudo pm2 save
pm2 startup

```

### 5. EC2 instance (update)

```

locals {
  loc_ami = "ami-0efc5833b9d584374"
  loc_instance_type = "t2.micro"
}

resource "aws_instance" "latihan-ec2-awan_mendung" {
  depends_on = [ aws_db_instance.latihan_db_rds_awan_mendung ]
  ami = local.loc_ami
  instance_type = local.loc_instance_type
  key_name = aws_key_pair.latihanKeyPairAwanMendung.key_name
  vpc_security_group_ids = [ "${aws_security_group.latihan-security-group-awan_mendung.id}" ]
  subnet_id = "${aws_subnet.latihan-public-subnet-awan_mendung.id}"
  user_data = data.template_file.user_data.rendered
  tags = {
    Name = "latihan-ec2-awan_mendung"
  }
}

resource "aws_instance" "latihan-ec2-2-awan_mendung" {
  depends_on = [ aws_db_instance.latihan_db_rds_awan_mendung ]
  ami = local.loc_ami
  instance_type = local.loc_instance_type
  key_name = aws_key_pair.latihanKeyPairAwanMendung.key_name
  vpc_security_group_ids = [ "${aws_security_group.latihan-security-group-awan_mendung.id}" ]
  subnet_id = "${aws_subnet.latihan-public-subnet2-awan_mendung.id}"
  user_data = data.template_file.user_data.rendered
  tags = {
    Name = "latihan-ec2-2-awan_mendung"
  }
}

```

## File rds.tf

### 1. Subnet group RDS

```

resource "aws_db_subnet_group" "latihan_subnet_db_awan_mendung" {
  name = "latihan_subnet_db"
  subnet_ids = [aws_subnet.latihan-private-subnet-awan_mendung.id,aws_subnet.latihan-private-subnet2-awan_mendung.id]

  tags = {
    Name = "latihan_subnet_db_awan_mendung"
  }
}

```

### 2. Security group untuk RDS

```

resource "aws_security_group" "latihan-rds-sg-awan_mendung" {
  name = "latihan_rds_sg_awan_mendung"
  vpc_id = aws_vpc.latihan-vpc-awan_mendung.id

  ingress {
    from_port = 3306
    to_port = 3306
    protocol = "tcp"
    cidr_blocks = ["0.0.0.0/0"]
  }

  egress {
    from_port = 3306
    to_port = 3306
    protocol = "tcp"
    cidr_blocks = ["0.0.0.0/0"]
  }

  tags = {
    Name = "latihan_rds_sg_awan_mendung"
  }
}

```

### 3. RDS (update)

```

resource "aws_db_instance" "latihan_db_rds_awan_mendung" {
  identifier = "latihan-db-rds-awanmendung"
  instance_class = "db.t3.micro"
  allocated_storage = 20
  engine = "mariadb"
  engine_version = "10.6.14"
  username = "latihan"
  password = 12345678
  db_name = "my_project"
  db_subnet_group_name = aws_db_subnet_group.latihan_subnet_db_awan_mendung.name
  vpc_security_group_ids = [aws_security_group.latihan-rds-sg-awan_mendung.id]
  publicly_accessible = false
  skip_final_snapshot = true
  multi_az = true
}

```

File lb.tf



## 1. Jenis load balancer

```
resource "aws_lb" "latihan-lb-awan-mendung" {
  name = "latihan-lb-awan-mendung"
  internal = false
  load_balancer_type = "application"
  security_groups = [aws_security_group.latihan-security-group-awan_mendung.id]
  subnets = [ aws_subnet.latihan-public-subnet-awan_mendung.id,aws_subnet.latihan-public-subnet2-awan_mendung.id ]
}
```

## 2. Load balancer target group

```
resource "aws_lb_target_group" "latihan-lb-target-group-awan-mendung" {
  name = "latihan-lb-target-group-awan"
  port = 3000
  protocol = "HTTP"
  vpc_id = aws_vpc.latihan-vpc-awan_mendung.id
}
```

## 3. Mengasosiasi target group dengan instance

```
resource "aws_lb_target_group_attachment" "latihan-lb-tga1-awan-mendung" {
  target_group_arn = aws_lb_target_group.latihan-lb-target-group-awan-mendung.arn
  target_id = aws_instance.latihan-ec2-awan_mendung.id
  port = 3000
}

resource "aws_lb_target_group_attachment" "latihan-lb-tga2-awan-mendung" {
  target_group_arn = aws_lb_target_group.latihan-lb-target-group-awan-mendung.arn
  target_id = aws_instance.latihan-ec2-2-awan_mendung.id
  port = 3000
}
```

## 4. Load balancer listener

```
resource "aws_lb_listener" "latihan_lb_listener_awan_mendung" {
  load_balancer_arn = aws_lb.latihan-lb-awan-mendung.arn
  port = "3000"
  protocol = "HTTP"

  default_action {
    type = "forward"
    target_group_arn = aws_lb_target_group.latihan-lb-target-group-awan-mendung.arn
  }
}
```

Terraform init

```
PS C:\Users\acer\Documents\Tugas Ongoing\Pertemuan 12 Awan\AwanMendung> terraform init
Initializing the backend...
Initializing provider plugins...
- Reusing previous version of hashicorp/local from the dependency lock file
- Reusing previous version of hashicorp/template from the dependency lock file
- Reusing previous version of hashicorp/aws from the dependency lock file
- Reusing previous version of hashicorp/tls from the dependency lock file
- Using previously-installed hashicorp/aws v5.94.1
- Using previously-installed hashicorp/tls v4.0.6
- Using previously-installed hashicorp/local v2.5.2
- Using previously-installed hashicorp/template v2.2.0

Terraform has been successfully initialized!
```

## Terraform plan

```
PS C:\Users\acer\Documents\Tugas Ongoing\Pertemuan 12 Awan\AwanMendung> terraform plan

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:
+ create
<= read (data resources)

Terraform will perform the following actions:

# data.template_file.user_data will be read during apply
# (config refers to values not yet known)
<= data "template_file" "user_data" {
  + id       = (known after apply)
  + rendered = (known after apply)
  + template = <<-EOT
    #!/bin/bash
    sudo apt-get update
```

## Terraform apply

```
Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.
PS C:\Users\acer\Documents\Tugas Ongoing\Pertemuan 12 Awan\AwanMendung> terraform apply

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:
+ create
<= read (data resources)

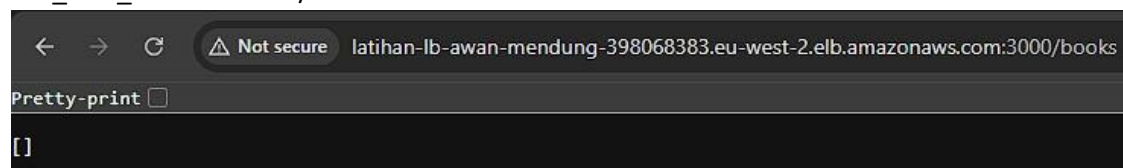
Terraform will perform the following actions:

# data.template_file.user_data will be read during apply
# (config refers to values not yet known)
<= data "template_file" "user_data" {
  + id       = (known after apply)
```

## Jalankan aplikasi web

1. Buka browser, kemudian copy alamat dns pada menu load balancer di halaman ec2 ke browser, buka dengan port 3000(jika tidak muncul, tunggu beberapa saat, cek ec2 sampai selesai initializing):

dns\_load\_balancer:3000/books



2. Insert data ke dalam mysql melalui ec2(gunakan ssh), insert data dengan menggunakan alamat mysql yang ada di /home/admin/myapp/latihan\_rds/.env, kemudian buka di browser

dns\_load\_balancer:3000/books/1

```

MariaDB [my_project]> desc books;
ERROR 1146 (42S02): Table 'my_project.books' doesn't exist
MariaDB [my_project]> desc Books;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| id         | int(11)       | NO   | PRI | NULL    | auto_increment |
| title      | varchar(255)  | YES  |     | NULL    |                |
| author     | varchar(255)  | YES  |     | NULL    |                |
| createdAt  | datetime      | NO   |     | NULL    |                |
| updatedAt  | datetime      | NO   |     | NULL    |                |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.002 sec)

MariaDB [my_project]> insert into Books (title, author, createdAt, updatedAt) va
lues("pelangi", "giring", NOW(), NOW());
Query OK, 1 row affected (0.003 sec)

```

The image shows a PuTTY terminal window and a web browser. The terminal window displays the following commands and output:

```

gi", "giring", NOW());
ERROR 1364 (HY000): Field 'updatedAt' doesn't have a default value
MariaDB [my_project]> insert into Books (title, author, createdAt, updatedAt) va
lues("pelangi", "giring", NOW(), NOW());
Query OK, 1 row affected (0.003 sec)

MariaDB [my_project]> delete from Books where title="pelangi";
Query OK, 1 row affected (0.003 sec)

MariaDB [my_project]> insert into Books (title, author, createdAt, updatedAt) va
lues("pelangi", "giring", NOW(), NOW());
Query OK, 1 row affected (0.003 sec)

MariaDB [my_project]>
Broadcast message from root@ip-10-0-0-233 (Fri 2025-05-23 08:25:03 UTC):
The system will power off now!

Broadcast message from root@ip-10-0-0-233 (Fri 2025-05-23 08:25:03 UTC):
The system will power off now!

```

The web browser shows the URL `latihan-lb-awan-mendung-398068383.eu-west-2.elb.amazonaws.com:3000/books` and the output of a query:

```

[{"id":2,"title":"pelangi","author":"giring","createdAt":"2025-05-23T08:17:36.000Z","updatedAt":"2025-05-23T08:17:36.000Z"}]

```

3. stop ec2 pada availability zone a, tunggu sebentar sampai status stopped, kemudian cek lagi di browser ke-2 langkah di atas

Instances (1/2) [Info](#) Last updated 2 minutes ago [Connect](#) [Instance state](#) [Actions](#) [Launch instances](#)

[All states](#)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input checked="" type="checkbox"/>	latihan-ec2-awan_mendung	i-0da7629f4162c6de9	Stopped	t2.micro	2/2 checks passed	<a href="#">View alarms</a>
<input type="checkbox"/>	latihan-ec2-2-awan_mendung	i-Ofec7eb12dddb551	Running	t2.micro	2/2 checks passed	<a href="#">View alarms</a>

Cek failover pada RDS

Summary

DB Identifier

latihan-db-rds-awanmendung

Status

Available

Role

Instance

Engine

MariaDB

Recommendations

CPU

2.54%

Class

db.t3.micro

Current activity

0 Connections

Region & AZ

eu-west-2a

Connectivity & securityMonitoringLogs & eventsConfigurationMaintenance & backupsData migrations - newTagsRecommendations

Instance

Configuration

DB instance ID

latihan-db-rds-awanmendung

Engine version

10.6.14

DB name

my\_project

License model

General Public License

Option groups

default:mariaadb-10-6 in sync

Amazon Resource Name (ARN)

arn:aws:rds:eu-west-2:340752826087:db:latihan-db-rds-awanmendung

Resource ID

db-wzwwgavtyruulr2fqi5m7wmdze

Creation time

2025, 14:42 (UTC+07:00)

Parameter group

mariaadb10.6 in sync

Instance class

db.t3.micro

vCPU

2

RAM

1 GB

Availability

Master username

latihan

Master password

\*\*\*\*\*

IAM DB authentication

Not enabled

Multi-AZ

Yes

Secondary Zone

eu-west-2b

Storage

Encryption

Not enabled

Storage type

General Purpose SSD (gp2)

Storage

20 GiB

Provisioned IOPS

-

Storage throughput

-

Storage autoscaling

Disabled

Storage file system configuration

Current

Monitoring

Monitoring type

Database Insights - Standard

Performance Insights

Disabled

Enhanced Monitoring

Disabled

DevOps Guru

DisabledActivate Windows  
Go to Settings to activate Windows.

TUGAS:  
Screenshot pada AWS

- VPC

## Subnet

Subnets (7) Info

Last updated less than a minute ago

Actions

Create subnet

Find subnets by attribute or tag

	Name	Subnet ID	State	VPC	Block Public
<input type="checkbox"/>	latihan public subnet 2 awan mending	<a href="#">subnet-0b0372448c0c6c033</a>	Available	<a href="#">vpc-045538b4fd33c12a4</a>   <a href="#">latih...</a>	<input type="radio"/> Off
<input type="checkbox"/>	-	<a href="#">subnet-0fc945b1ae6c31741</a>	Available	<a href="#">vpc-0455a7982ac55c9a5</a>	<input type="radio"/> Off
<input type="checkbox"/>	latihan public subnet awan mending	<a href="#">subnet-054994de7bb634769</a>	Available	<a href="#">vpc-045538b4fd33c12a4</a>   <a href="#">latih...</a>	<input type="radio"/> Off
<input type="checkbox"/>	-	<a href="#">subnet-02cf83642a40508ef</a>	Available	<a href="#">vpc-0455a7982ac55c9a5</a>	<input type="radio"/> Off
<input type="checkbox"/>	-	<a href="#">subnet-00d5121e5691c3d4</a>	Available	<a href="#">vpc-0455a7982ac55c9a5</a>	<input type="radio"/> Off
<input type="checkbox"/>	latihan private subnet 2 awan mending	<a href="#">subnet-070798c007b24ce7f</a>	Available	<a href="#">vpc-045538b4fd33c12a4</a>   <a href="#">latih...</a>	<input type="radio"/> Off
<input type="checkbox"/>	latihan private subnet awan mending	<a href="#">subnet-0a042066acd6bf4c1</a>	Available	<a href="#">vpc-045538b4fd33c12a4</a>   <a href="#">latih...</a>	<input type="radio"/> Off

## Route

Route tables (3) Info

Last updated 1 minute ago

Actions

Create route table

Find route tables by attribute or tag

	Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
<input type="checkbox"/>	latihan public rt awan mending	<a href="#">rtb-09a3bd9fa2235d274</a>	2 subnets	-	No	<a href="#">vpc-</a>
<input type="checkbox"/>	-	<a href="#">rtb-0be3e69ee433e6e53</a>	-	-	Yes	<a href="#">vpc-</a>
<input type="checkbox"/>	-	<a href="#">rtb-0b275e0b46c087320</a>	-	-	Yes	<a href="#">vpc-</a>

## Router Association

rtb-09a3bd9fa2235d274 / latihan public rt awan mending

DetailsRoutesSubnet associationsEdge associationsRoute propagationTags

Explicit subnet associations (2)

Edit subnet associations

Find subnet association

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
latihan public subnet 2 awan mend...	<a href="#">subnet-0b0372448c0c6c033</a>	10.0.2.0/24	-
latihan public subnet awan mending	<a href="#">subnet-054994de7bb634769</a>	10.0.0.0/24	-

Activate Windows  
Go to Settings to activate Windows.

- Load balancers

**Load balancers (1)**

Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

Filter load balancers

<input type="checkbox"/>	Name	DNS name	State	VPC ID	Availability Zones	Type
<input type="checkbox"/>	latihan-lb-awan-mendung	latihan-lb-awan-mendung-...	Active	vpc-045538b4fd33c12a4	2 Availability Zones	applica

- EC2

- Instance

**Instances (2)** Info

Last updated less than a minute ago

Find Instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm statu
<input type="checkbox"/>	latihan-ec2-awan-mendung	i-080cacfc4bba14a97	Running	t2.micro	2/2 checks pass	View alarm
<input type="checkbox"/>	latihan-ec2-2-awan-mendung	i-03ab44bc357e60474	Running	t2.micro	2/2 checks pass	View alarm

- Security group

**Security Groups (5)** Info

Find security groups by attribute or tag

<input type="checkbox"/>	Name	Security group ID	Security group name	VPC ID
<input type="checkbox"/>	-	sg-03f41f91410dfe25d	default	vpc-0455a7982ac55c9a5
<input type="checkbox"/>	-	sg-0a6d14199ed095af7	default	vpc-045538b4fd33c12a4
<input type="checkbox"/>	latihan-sg-awan-me...	sg-0ac0ca2e021281ffa	latihan-sg-awan-mendung	vpc-045538b4fd33c12a4
<input type="checkbox"/>	-	sg-0be3f5cdcaf3bc8d8	launch-wizard-1	vpc-0455a7982ac55c9a5
<input type="checkbox"/>	latihan_rds_sg_awan...	sg-09da724ea12c12290	latihan_rds_sg_awan-mendung	vpc-045538b4fd33c12a4

- RDS

- Database

**Databases (1)**

Group resources

Filter by databases

<input type="checkbox"/>	DB identifier	Status	Role	Engine	Region ...	Size
<input type="checkbox"/>	latihan-db-rds-awanmendung	Available	Instance	MariaDB	eu-west-2b	db.t3.mic

- Subnet group

**Subnet groups (1)**

Filter by subnet group


<input type="checkbox"/>	Name	Description	Status	VPC
<input type="checkbox"/>	latihan_subnet_db	Managed by Terraform	Complete	vpc-045538b4fd33c12a4

- Security group



### Connectivity & security

#### Endpoint & port

**Endpoint**  
 latihan-db-rds-awanmendun  
g.ct04s2k4aash.eu-west-2.rds.am  
amazonaws.com

**Port**  
3306

#### Networking

**Availability Zone**  
eu-west-2b


**VPC**  
latihan vpc awan mendung (vpc-  
045538b4fd33c12a4)

**Subnet group**  
latihan\_subnet\_db

**Subnets**  
subnet-0a042066acd6bf4c1  
subnet-070798c007b24ce7f

**Network type**  
IPv4

#### Security

**VPC security groups**  
latihan\_rds\_sg\_awan\_mendung  
(sg-09da724ea12c12290)  
 Active

**Publicly accessible**  
No

**Certificate authority** [Info](#)  
rds-ca-rsa2048-g1

**Certificate authority date**  
May 22, 2061, 06:46 (UTC+07:00)

**DB instance certificate**  
**expiration date**  
May 30, 2026, 18:49 (UTC+07:00)

Activate Windows

- Setelah semua praktikum selesai, lakukan:
  - terraform destroy

```
aws_db_instance.latihan_db_rds_awan_mendung: Still destroying... [id=db-7LTMN3RCDHYR63LHEQYUHD0YEQ, 5m40s elapsed]
aws_db_instance.latihan_db_rds_awan_mendung: Still destroying... [id=db-7LTMN3RCDHYR63LHEQYUHD0YEQ, 5m50s elapsed]
aws_db_instance.latihan_db_rds_awan_mendung: Still destroying... [id=db-7LTMN3RCDHYR63LHEQYUHD0YEQ, 6m0s elapsed]
aws_db_instance.latihan_db_rds_awan_mendung: Still destroying... [id=db-7LTMN3RCDHYR63LHEQYUHD0YEQ, 6m10s elapsed]
aws_db_instance.latihan_db_rds_awan_mendung: Still destroying... [id=db-7LTMN3RCDHYR63LHEQYUHD0YEQ, 6m20s elapsed]
aws_db_instance.latihan_db_rds_awan_mendung: Still destroying... [id=db-7LTMN3RCDHYR63LHEQYUHD0YEQ, 6m30s elapsed]
aws_db_instance.latihan_db_rds_awan_mendung: Destruction complete after 6m33s
aws_db_subnet_group.latihan_subnet_db_awan_mendung: Destroying... [id=latihan_subnet_db]
aws_security_group.latihan-rds-sg-awan_mendung: Destroying... [id=sg-09da724ea12c12290]
aws_db_subnet_group.latihan_subnet_db_awan_mendung: Destruction complete after 0s
aws_subnet.latihan-private-subnet2-awan_mendung: Destroying... [id=subnet-070798c007b24ce7f]
aws_subnet.latihan-private-subnet-awan_mendung: Destroying... [id=subnet-0a042066acd6bf4c1]
aws_subnet.latihan-private-subnet2-awan_mendung: Destruction complete after 2s
aws_subnet.latihan-private-subnet-awan_mendung: Destruction complete after 2s
aws_security_group.latihan-rds-sg-awan_mendung: Destruction complete after 2s
aws_vpc.latihan-vpc-awan_mendung: Destroying... [id=vpc-045538b4fd33c12a4]
aws_vpc.latihan-vpc-awan_mendung: Destruction complete after 1s

Destroy complete! Resources: 26 destroyed.
PS C:\Users\acer\Documents\Tugas Ongoing\Pertemuan 12 Awan\AwanMendung>
```