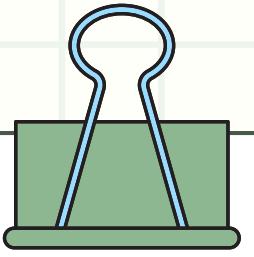


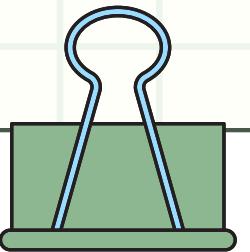
AWS+AIoT Platform Application Expert Course
(Korea Chamber of Commerce and Industry,
Gwangju Human Resources Development Institute)



Depression Self-Assessment with AWS

Thursday, October 2, 2025

Seoyeon son



Index

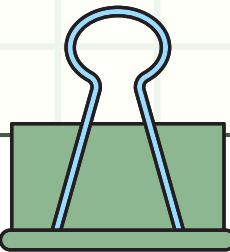
- 01** Project Introduction
- 02** Architecture
- 03** Preview
- 04** Limitation
- 05** Q & A

01 Project Introduction



Project Purpose and Objectives

Implementation and Deployment of AWS
Services for Web Page Delivery



01 Project Introduction - Webpage

The screenshot shows a light blue web page with the title "우울증 자가 진단" (Depression Self-Assessment) in large, bold, dark blue font. Below the title is the subtitle "해결을 위한 방안 제공" (Offering solutions). There are three main buttons: a blue button labeled "간단 테스트" (Quick Test) with a document icon, a light blue button labeled "가입하기" (Sign Up) with a fire icon, and a light blue button labeled "로그인" (Log In) with a key icon.

**Translations: Depression Self-Assessment
Offering Actionable Solutions,
Quick Test,
Sign Up, Log In**

Webpage Purpose and Objectives

Through self-diagnosis of depression
Present a solution

주제 선택

Choose Topic



출처(참고): 보건복지부 정신건강포털, 중앙자살예방센터, 대한신경정신의학회 등

손서연님, 어린 시절과 관련하여 힘든 일이 있으시네요.
우리 우울증 테스트를 통해 해결 방안을 찾아봐요.

우울증 자가 테스트 (PHQ-9)

지난 2주 동안, 아래 문제들 때문에 얼마나 자주 불편을 느끼셨습니까?

1. 일상에서 기쁨이나 흥미가 거의 없었다.

- 전혀 아니다
- 며칠 동안
- 일주일 이상
- 거의 매일

2. 우울하거나 침울한 기분이 들었다.

- 전혀 아니다
- 며칠 동안
- 일주일 이상
- 거의 매일

Depression Self-Assessment Test

Total Score
Severe Depression

Solution Guide / Coping Guide

View AI Suggestions

테스트 결과

총점: 27 / 27점 (매우 심한 우울)

해결 방안 가이드

즉각적인 전문적 개입이 필수입니다. 혼자 견디지 마세요.

권장 · 응급실/정신건강의학과 즉시 내원 · 보호자/지인에게 즉시 알림
위급 시 1393 또는 112에 즉시 연락하세요.

AI 의견 보기

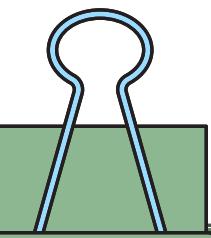
AI 의견 (Demo)

손서연님, 현재 매우 심한 우울 상태로 매우 힘든 시간을 보내고 계신 듯해요. 즉각적인 전문적인 도움이 필요합니다. 위험 신호가 느껴지면 1393 또는 112에 연락해 주세요.

※ AI 생성 의견은 참고용이며, 실제 진단은 반드시 전문가와 상의해야 합니다.

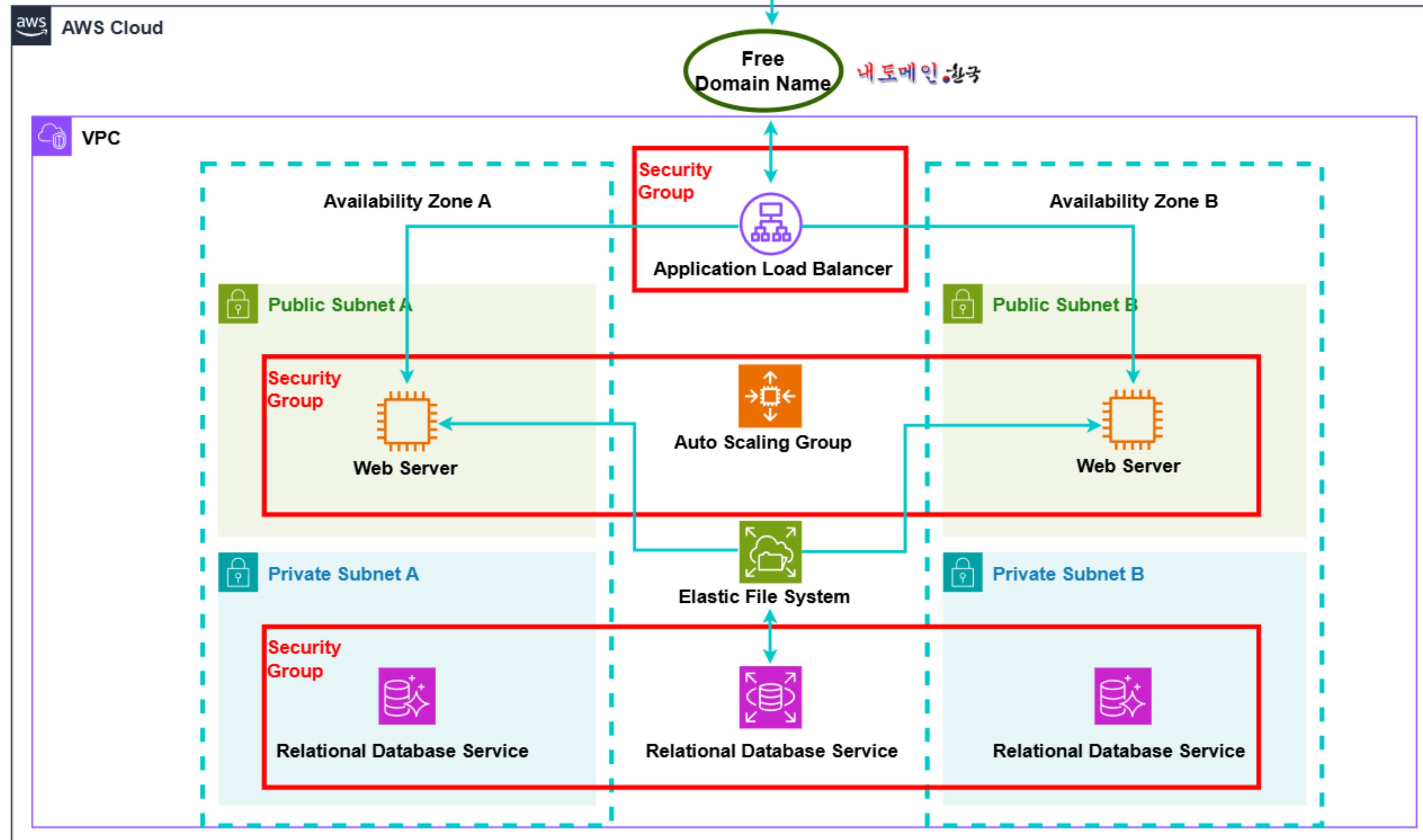
닫기

결과 확인



02

Architecture - Plan 1



02

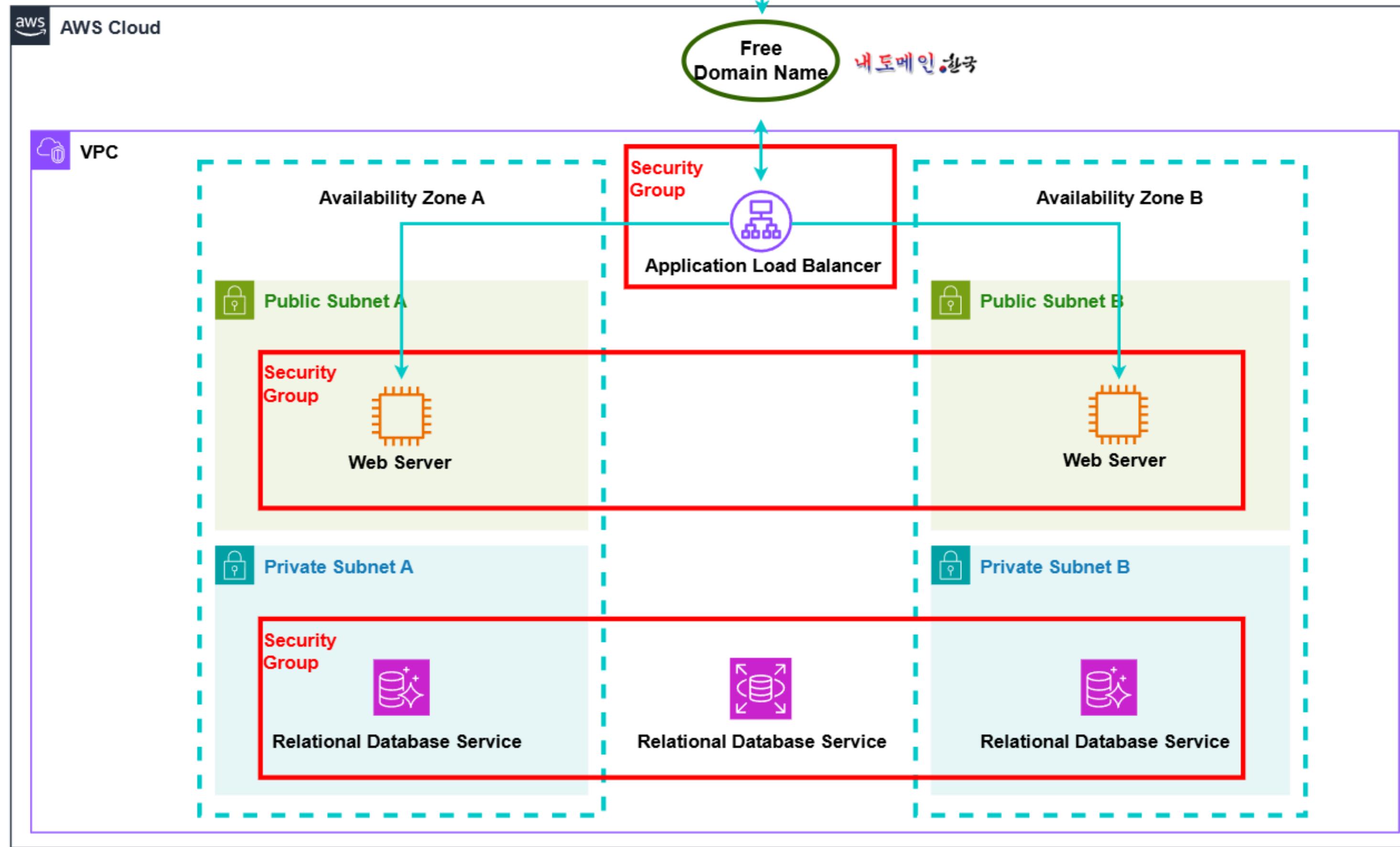
Architecture - Plan 2

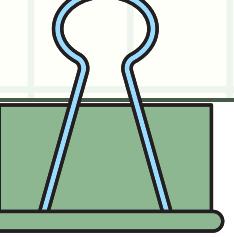


User

**Free
Domain Name**

네 토메인 .한국





02 Architecture 2 - Configuration Order

1. VPC

- Two Public and Two Private Subnets

2. Create RDS

3. Prepare WordPress User Data and Launch EC2 Instance

4. Modify WordPress Address and Path Settings

5. Use a Local Domain (Korean Domain)

- (e.g., using a Korean free domain for the internal site)

03 Demonstration

03 Demonstration

ap-northeast-2.console.aws.amazon.com/rds/home?region=ap-northeast-2#database:id=syson-rds;is-cluster=false

aws CloudWatch Aurora and RDS 데이터베이스 syson-rds [알트+S] 계정 ID: 1358-0894-5927 lifeiskkang 아시아 태평양 (서울)

Aurora and RDS < syson-rds

설정 작업 ▾

요약

DB 식별자 syson-rds	상태 ✓ 사용 가능	역할 인스턴스	엔진 MySQL Community
CPU <div style="width: 2.90%;">2.90%</div>	클래스 db.t3.micro	현재 활동 <div style="width: 0%;">0 연결</div>	권장 사항 리전 및 AZ ap-northeast-2b

연결 및 보안 모니터링 로그 및 이벤트 구성 제로 ETL 통합 유지 관리 및 백업 데이터 마이그레이션 태그 권장 사항

연결 및 보안

엔드포인트 및 포트

엔드포인트
syson-rds.ct2cgqicc7xm.ap-northeast-2.rds.amazonaws.com

포트
3306

네트워킹

가용 영역
ap-northeast-2b

VPC
syson-vpc (vpc-0151d6de816538017)

서브넷 그룹
syson-rds-subnet-group

서브넷
subnet-056c7b3ea85aa7c01
subnet-01674a69e2f7fe9d7

보안

VPC 보안 그룹
syson-rds-sg (sg-0819f014e98554fa8)
활성

퍼블릭 액세스 가능
아니요

인증 기관 정보
rds-ca-rsa2048-g1

인증 기관 날짜
May 21, 2061, 02:28 (UTC+09:00)

CloudShell 의견 © 2025, Amazon Web Services, Inc. 또는 계열사. 개인 정보 보호 약관 쿠키 기본 설정

03 Demonstration

ap-northeast-2.console.aws.amazon.com/ec2/home?region=ap-northeast-2#Instances:

업데이트를 위해 다시 시작 : 업데이트를 위해 다시 시작 :

사전 네이버 ChatGPT Gemini perplexity Claude 번역 링크 Memrise TTS 나 IT&Work UTube DW_E Langsam N TVING 넷플 Suno 모든 북마크

aws 검색 [알트+S] 계정 ID: 1358-0894-5927 lifeiskkang

CloudWatch

EC2 > 인스턴스

인스턴스 (1/3) 정보

모든 상태 ▾

Name	인스턴스 ID	인스턴스 상태	인스턴스 유형	상태 검사	경보 상태	가용 영역	퍼블릭 IPv4 DNS
Demo-3-Tier-Wordpress-Asg	i-0d086b5ecd2eceb2d	실행 중	t3.micro	3/3개 검사 통과	경보 보기 +	ap-northeast-2b	-
demo-3-tier-ec2	i-0b23a0d28c3b41db6	실행 중	t3.micro	3/3개 검사 통과	경보 보기 +	ap-northeast-2a	ec2-3-38-190-116.ap-n...
syson-ec2	i-03c909a7f114a6a0e	실행 중	t3.micro	3/3개 검사 통과	경보 보기 +	ap-northeast-2a	ec2-13-124-75-129.ap-...

i-03c909a7f114a6a0e (syson-ec2)

세부 정보 상태 및 경보 모니터링 보안 네트워킹 스토리지 태그

인스턴스 요약 정보

인스턴스 ID: i-03c909a7f114a6a0e

퍼블릭 IPv4 주소: 13.124.75.129 | 개방 주소법

프라이빗 IPv4 주소: 10.0.11.38

인스턴스 상태: 실행 중

퍼블릭 DNS: ec2-13-124-75-129.compute.amazonaws.com | 개방 주소법

호스트 이름 유형: IP 이름: ip-10-0-11-38.ap-northeast-2.compute.internal

프라이빗 IP DNS 이름(IPv4만 해당): ip-10-0-11-38.ap-northeast-2.compute.internal

인스턴스 유형: t3.micro

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03 Demonstration

The screenshot shows a web browser window with the following details:

- Address Bar:** claire.n-e.kr
- Toolbar:** Includes back, forward, search, and other standard browser icons.
- Bookmark Bar:** Shows various bookmarked sites including Naver, ChatGPT, Gemini, perplexity, Claude, 번역, 링큐, Memrise, TTS, 나, IT&Work, UTube, DW_E, Langsam N, TVING, 넷플, Suno, and 모든 북마크.
- Page Content:**
 - Title:** 우울증 자가 진단 (Depression Self-Assessment)
 - Description:** 해결을 위한 방안 제공 (Provides solutions for depression)
 - Buttons:**
 - 간단 테스트 (Simple Test) - A blue button with a lightbulb icon.
 - 가입하기 (Sign Up) - A button with a person icon.
 - 로그인 (Log In) - A button with a key icon.

Text at the bottom:

**Translations: Depression Self-Assessment
Offering Actionable Solutions,
Quick Test,
Sign Up, Log In**

03 Demonstration

A screenshot of a web browser window displaying the WordPress installation success page. The URL in the address bar is `13.124.75.129/wp/wp-admin/install.php?step=2`. The browser interface includes a toolbar with various icons for search engines like Naver, ChatGPT, Gemini, and Claude, as well as other tools like Memrise, TTS, and file management. A message at the top right says "업데이트를 위해 다시 시작 :". The main content area features the classic blue WordPress 'W' logo at the top. Below it, a box contains the text "Success!" followed by "WordPress has been installed. Thank you, and enjoy!". It then lists the "Username" as "admin" and the "Password" as "Your chosen password.". A blue "Log In" button is located at the bottom of this box.

△ 주의 요함 13.124.75.129/wp/wp-admin/install.php?step=2

사전 네이버 ChatGPT Gemini perplexity Claude 번역 링크 Memrise TTS 나 IT&Work UTube DW_E Langsam N TVING 넷플 Suno

모든 북마크

업데이트를 위해 다시 시작 :

Success!

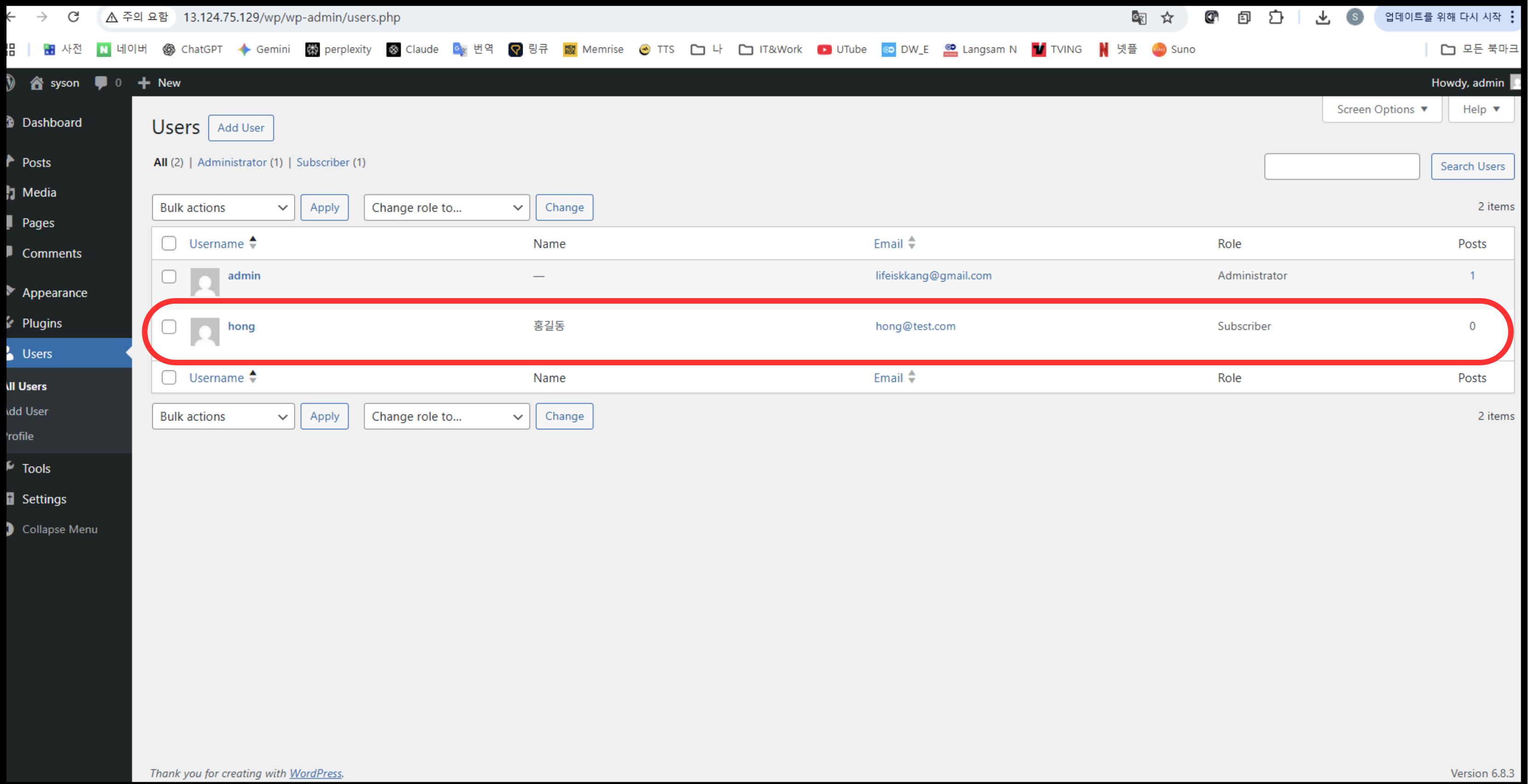
WordPress has been installed. Thank you, and enjoy!

Username admin

Password Your chosen password.

[Log In](#)

03 Demonstration

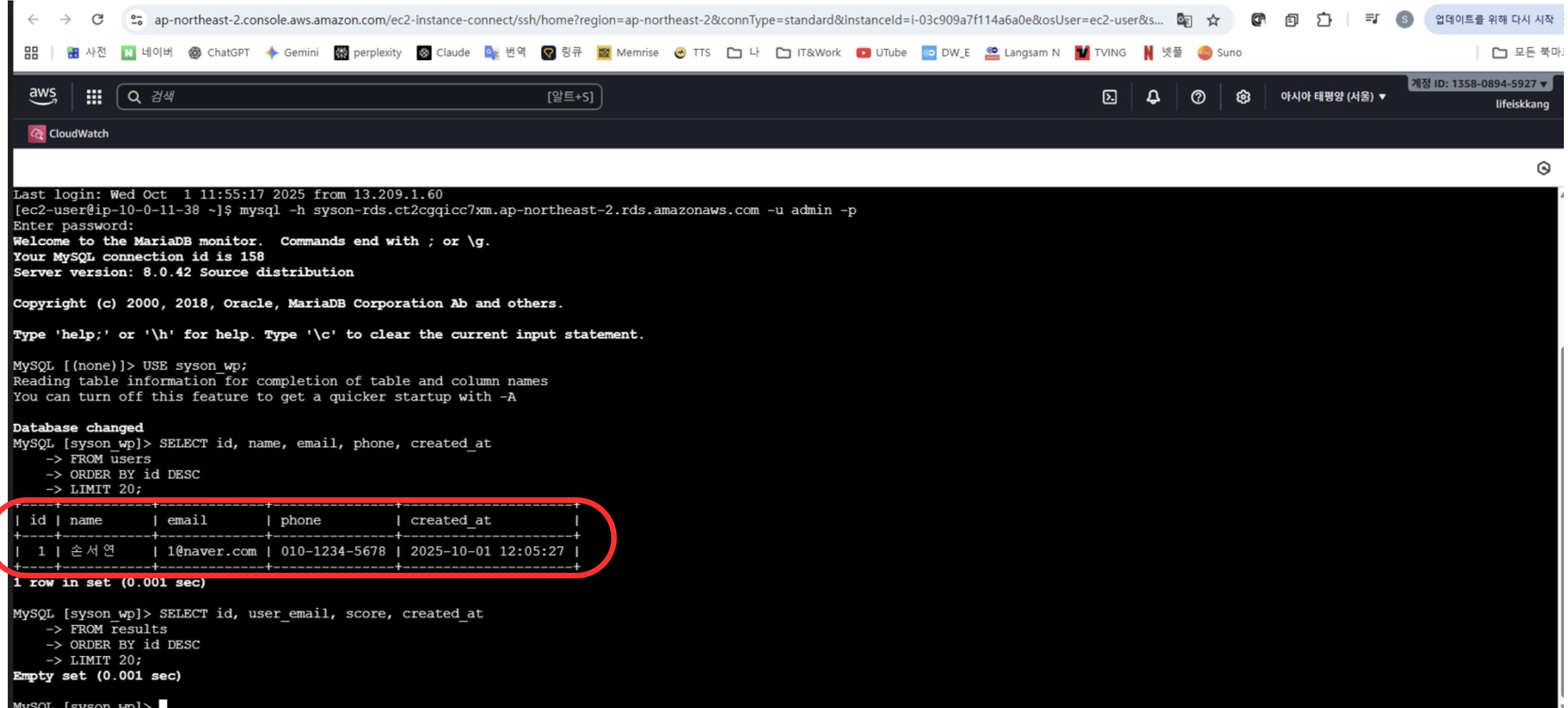


The screenshot shows the WordPress admin interface for managing users. The left sidebar is dark-themed, showing navigation links like Dashboard, Posts, Media, Pages, Comments, Appearance, Plugins, and Users. The 'Users' link is currently selected and highlighted in blue. The main content area is titled 'Users' and shows a table of users. There are two users listed: 'admin' and 'hong'. The 'hong' row is circled in red. The table columns include Username, Name, Email, Role, and Posts. The 'admin' user has a username of 'admin', name '—', email 'lifeiskkang@gmail.com', role 'Administrator', and 1 post. The 'hong' user has a username of 'hong', name '홍길동', email 'hong@test.com', role 'Subscriber', and 0 posts.

Username	Name	Email	Role	Posts
admin	—	lifeiskkang@gmail.com	Administrator	1
hong	홍길동	hong@test.com	Subscriber	0

Below the table, there are buttons for 'Bulk actions', 'Apply', 'Change role to...', and 'Change'. The bottom of the screen includes a footer with the text 'Thank you for creating with WordPress.' and 'Version 6.8.3'.

03 Demonstration



Last login: Wed Oct 1 11:55:17 2025 from 13.209.1.60
[ec2-user@ip-10-0-11-38 ~]\$ mysql -h syson-rds.ct2cgqicc7xm.ap-northeast-2.rds.amazonaws.com -u admin -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 158
Server version: 8.0.42 Source distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]> USE syson_wp;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MySQL [syson_wp]> SELECT id, name, email, phone, created_at
-> FROM users
-> ORDER BY id DESC
-> LIMIT 20;
+-----+-----+-----+-----+
| id | name | email | phone | created_at |
+-----+-----+-----+-----+
| 1 | 손서연 | 1@naver.com | 010-1234-5678 | 2025-10-01 12:05:27 |
+-----+-----+-----+-----+
1 row in set (0.001 sec)

MySQL [syson_wp]> SELECT id, user_email, score, created_at
-> FROM results
-> ORDER BY id DESC
-> LIMIT 20;
Empty set (0.001 sec)

MySQL [syson_wp]>

i-03c909a7f114a6a0e (syson-ec2)

Public IPs: 13.124.75.129 Private IPs: 10.0.11.38

CloudShell 의견 © 2025, Amazon Web Services, Inc. 또는 계열사. 개인 정보 보호 약관 쿠키 기본 설정

03 Demonstration

The screenshot shows a web browser window with the URL `claire.n-e.kr/admin-results.php?p=tlssksek01db!` in the address bar. The page displays a table of user registration history. A red oval highlights the table. Below the table, there is a section labeled "최근 점수(results)" with a partially visible table.

검사 결과/가입 내역 (읽기 전용)

간단 확인용 페이지입니다. 주소에 ?p=비밀번호 를 붙여야 열립니다.

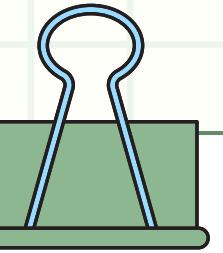
최근 가입자(users)

ID	이름	이메일	휴대폰	가입시각
2	변우석	2@naver.com	010-2345-6789	2025-10-01 12:19:07
1	손서연	1@naver.com	010-1234-5678	2025-10-01 12:05:27

최근 점수(results)

ID	이메일	점수	저장시각

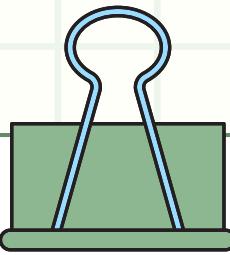
Test Results / Registration History (Read-Only)



04 Limitation Point

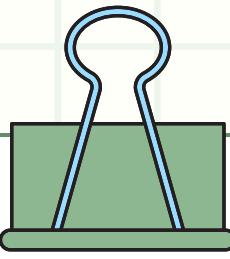


- Skills are not keeping up with the plan.
- Option 1:
 - Due to not confirming the absence of code that transfers webpage information to the database,
 - Only the manually created EC2 instance was connected, while the EC2 instances created from the AMI were not linked.
- Option 2:
 - Although the EC2 DB WordPress integration was successful,
 - I mistakenly believed it was not working due to my lack of knowledge about WordPress.



05 질문과 답변

Q & A



감사합니다
THANK
YOU!