

A satellite view of Earth from space, showing the curvature of the planet and city lights at night. The image is dark, with the blue and white of the atmosphere and clouds visible along the horizon. The city lights are concentrated in the central part of the frame, creating a bright, glowing pattern against the dark landmasses.

Akshan

Never Dead Hybrid Cloud



개발 배경

배경

October 21 post

Last week, GitHub

on S3 Outage

across the internet. Learn

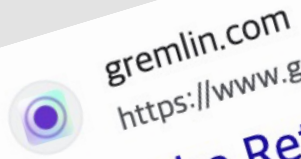
service for 24 hours and 11

incident, multiple internal systems

that was out of date and inconsistent.

for a few seconds of database

to serve webhook



After the Retrospective: 카카오 서비스 장애...왜 피해 커졌나?

2019. 9. 16. — The Amazon S3 outage
how Chaos Engineering can help



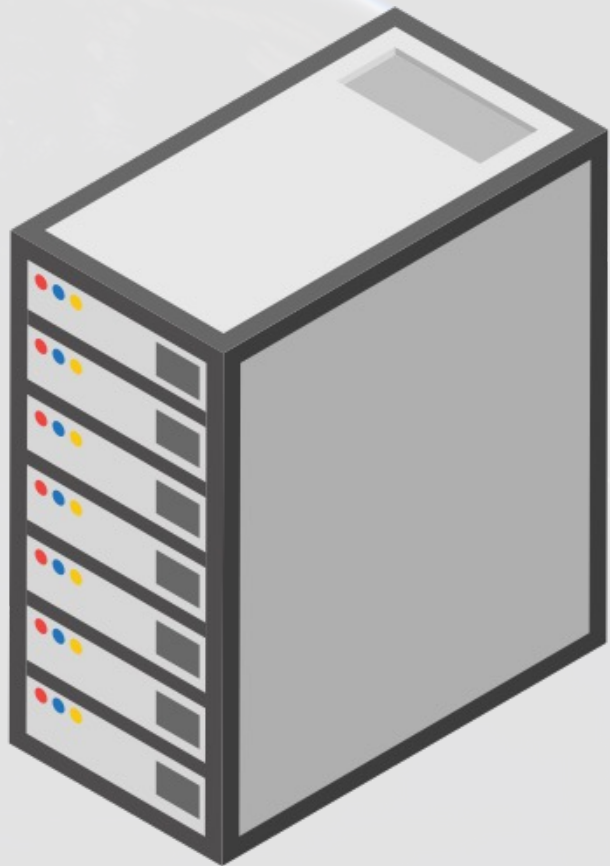
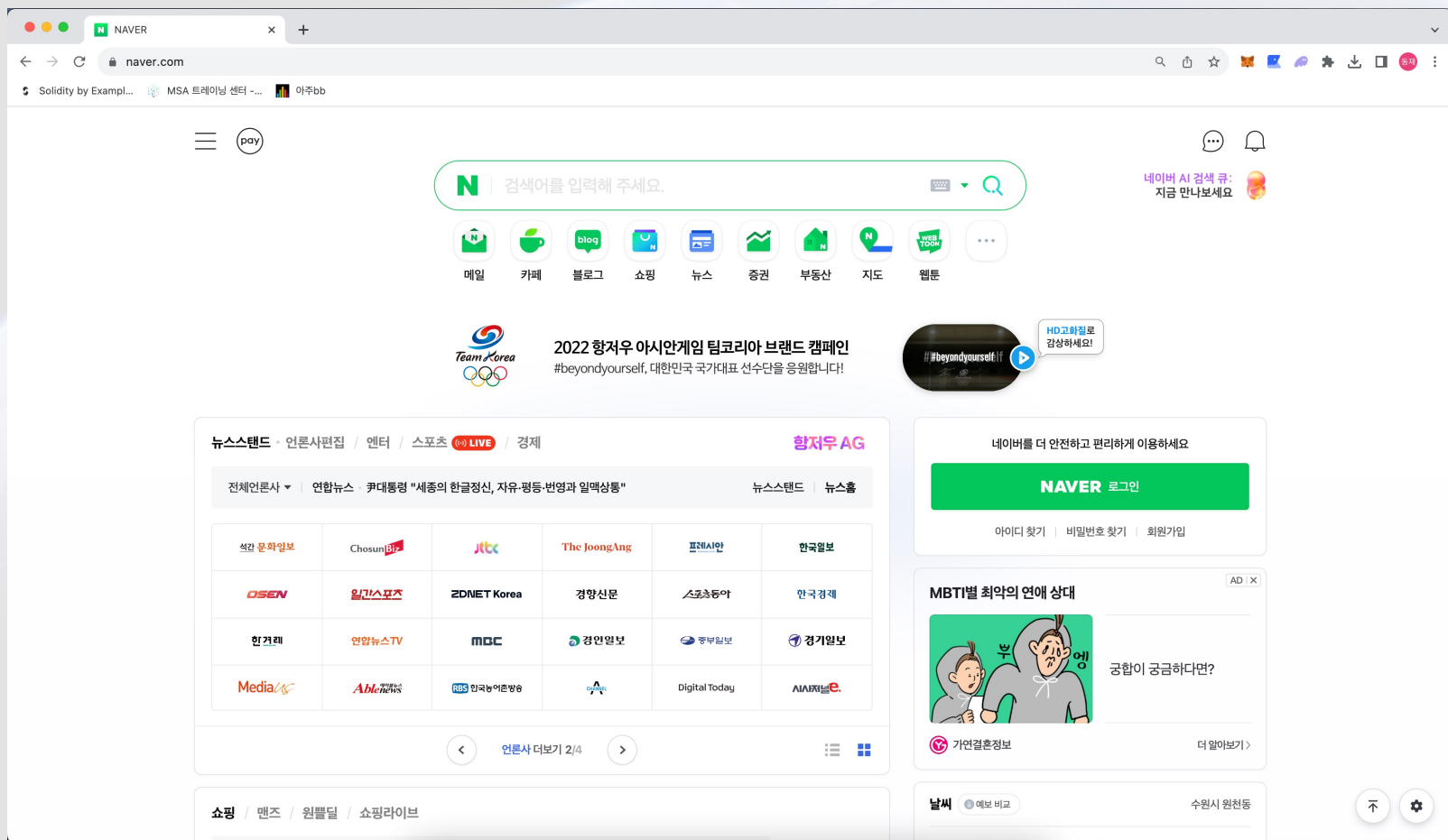
Korean Broadcasting System

https://news.kbs.co.kr/news/view

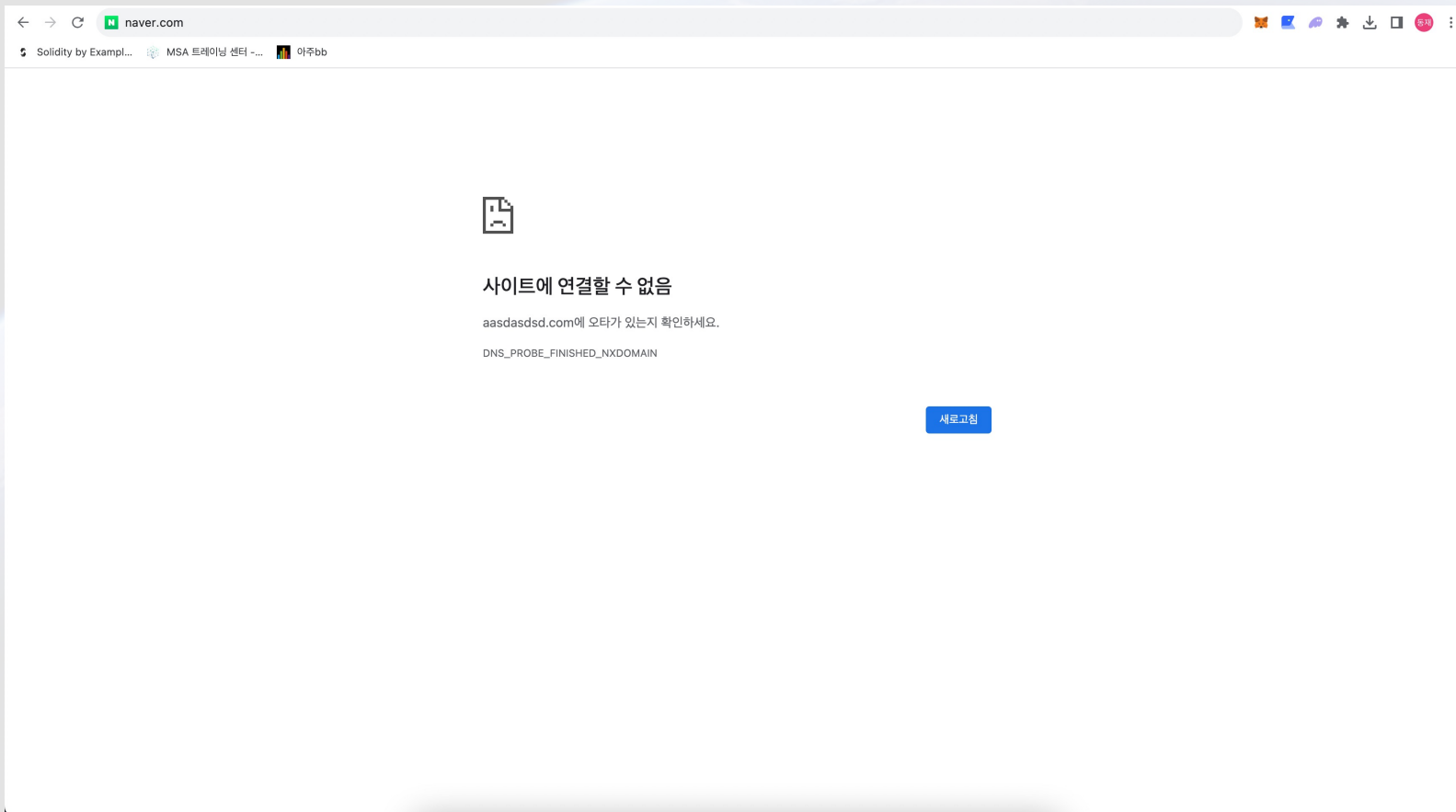
카카오는 메신저를 중심으로 간편결제, 택시 배차 등 여러가지 연계 서비스를 제공하고 있습니다. 이 때문에 유

of you. We're aware of the trust you place in us. We want to enable our platform to remain highly available. With this incident, we're sorry. While we cannot undo the problems that were created by GitHub's problems over an extended period of time, we can explain the events that led to this incident, the lessons we've learned, and the steps we're taking as a company to better ensure this doesn't happen again.

배경

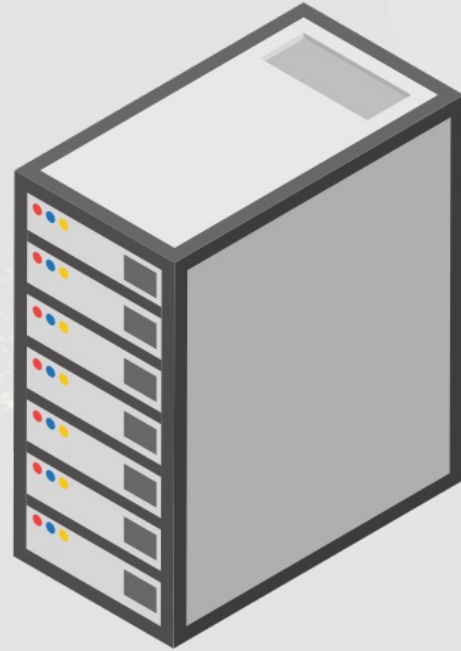
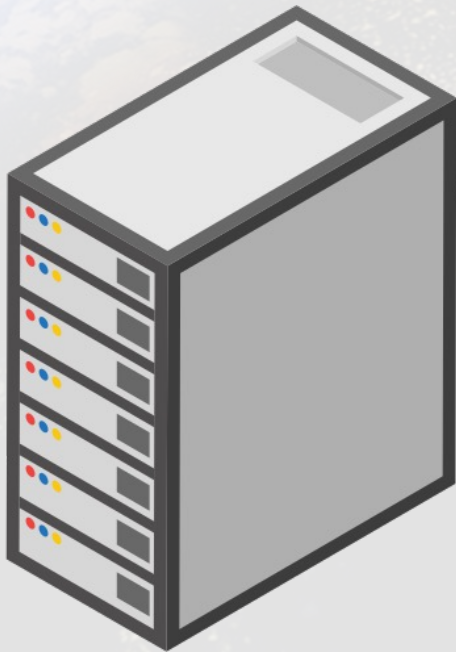


배경



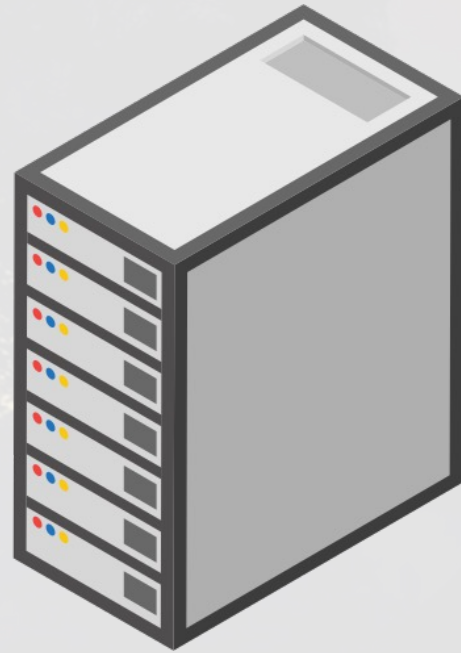
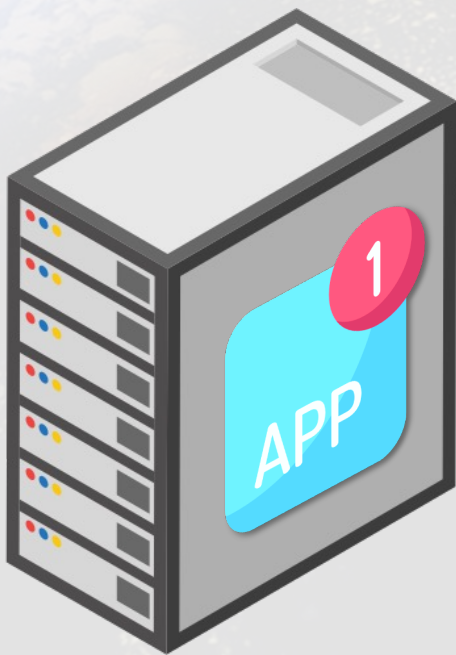
배경

서버를 늘리면 안되나요?



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배경

클라우드 서비스를 사용하면 안되나요?



배경

클라우드 서비스를 사용하면 안되나요?



배경

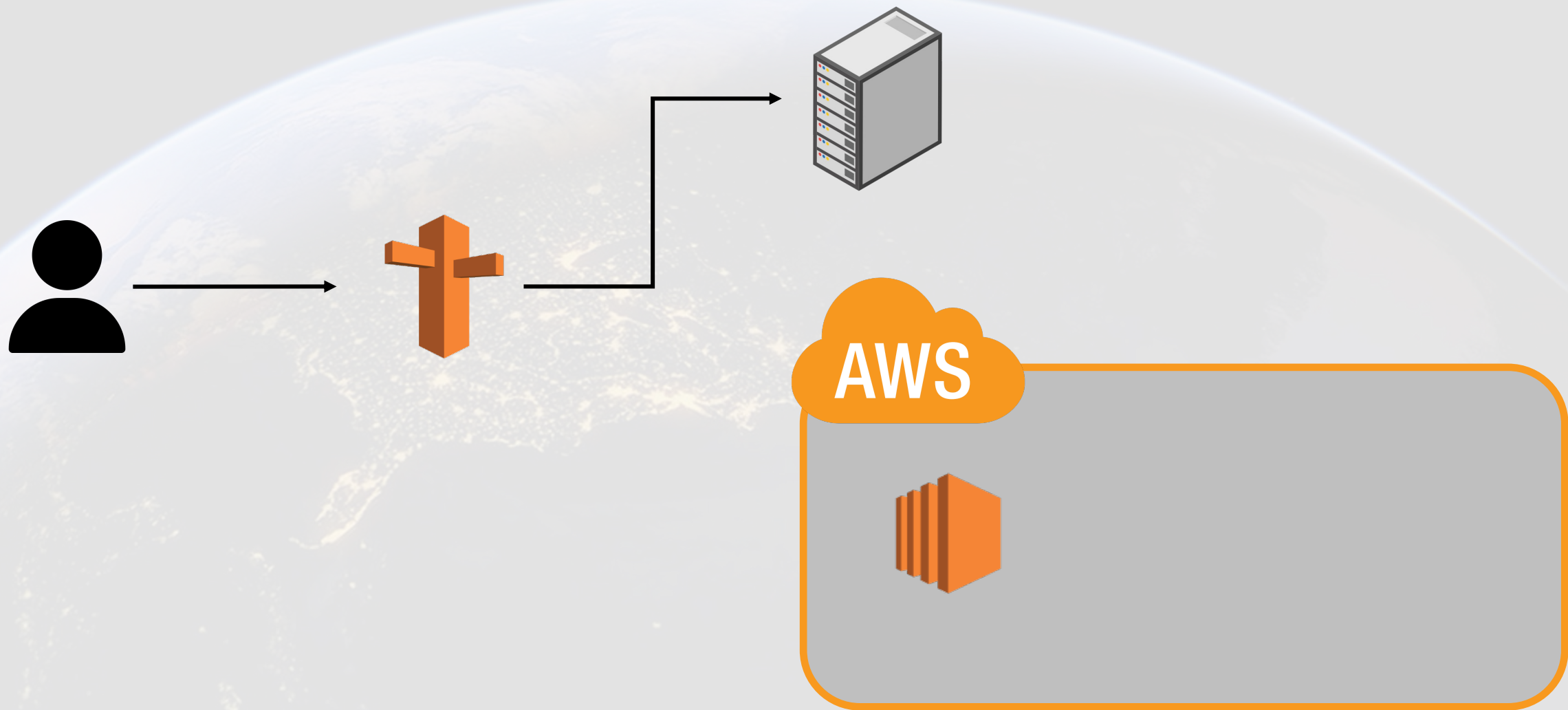


이미 온프레미스에 잘 구축되어있는데,
서비스가 커져서 스케일아웃을 해야하는 경우

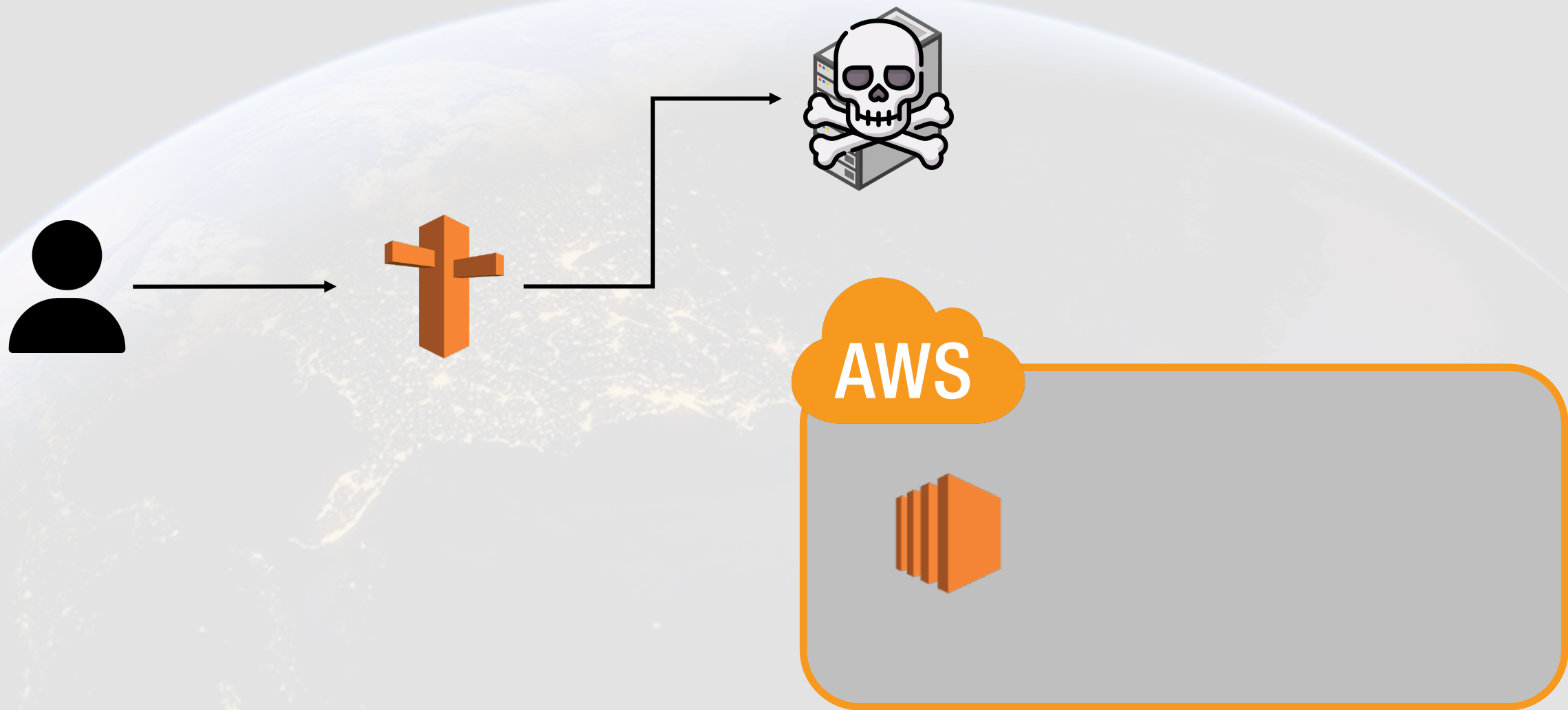
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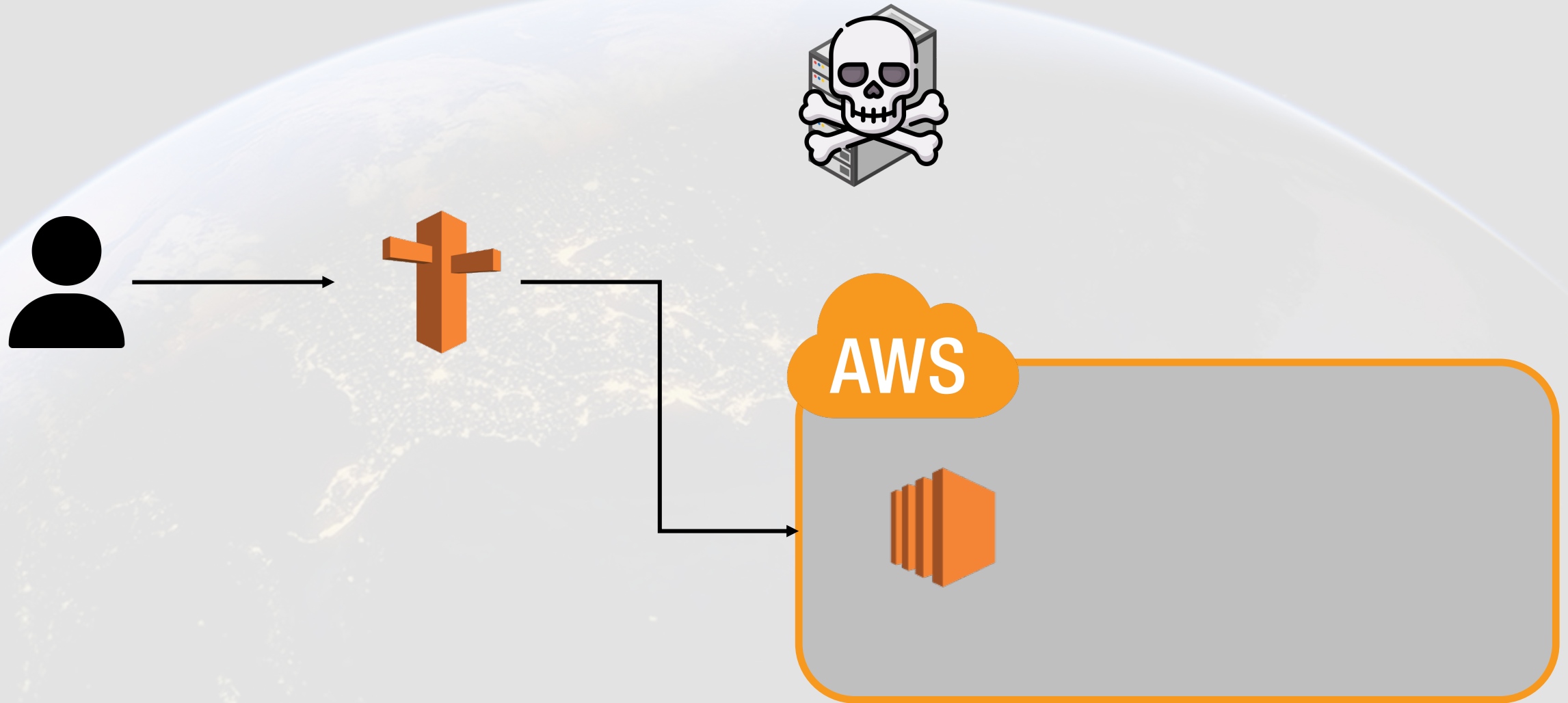
결과물



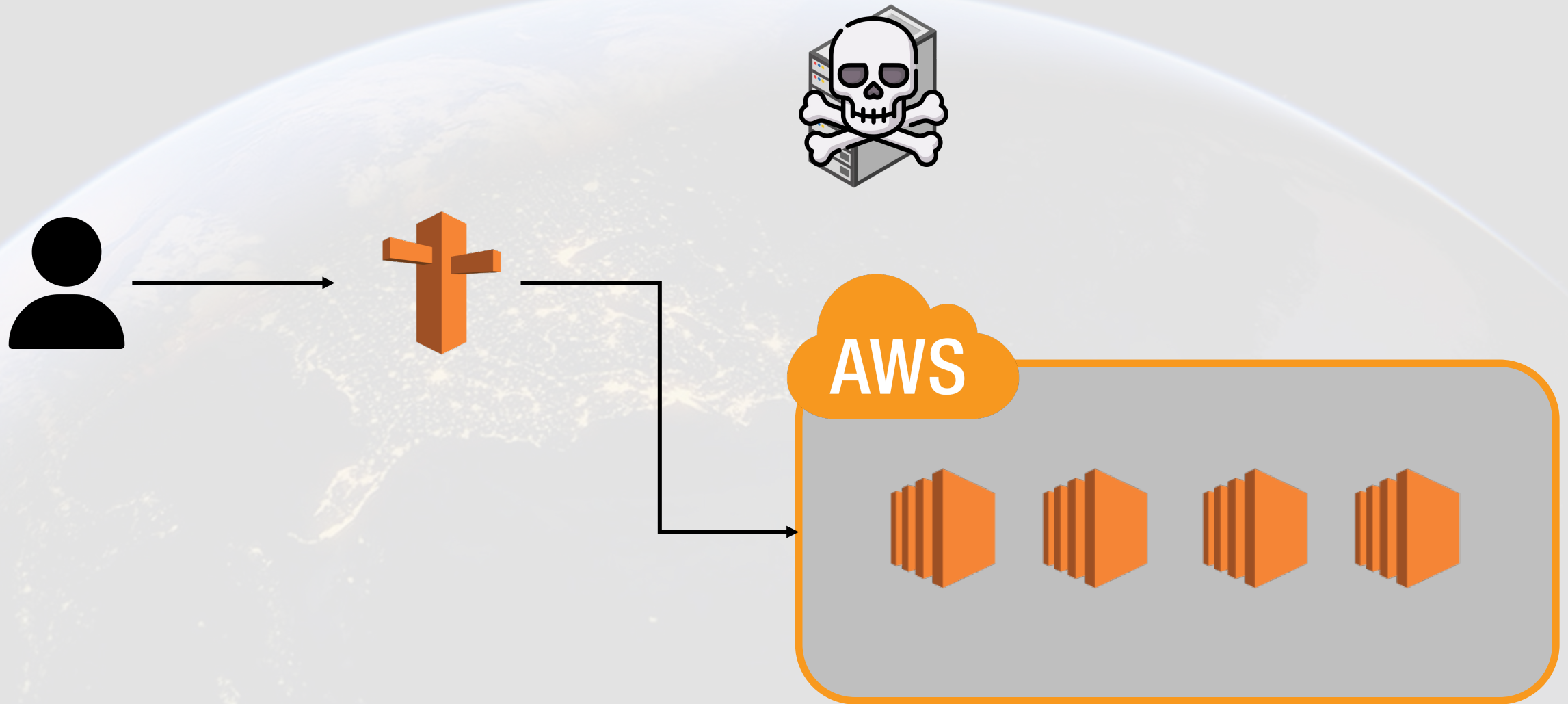
결과물



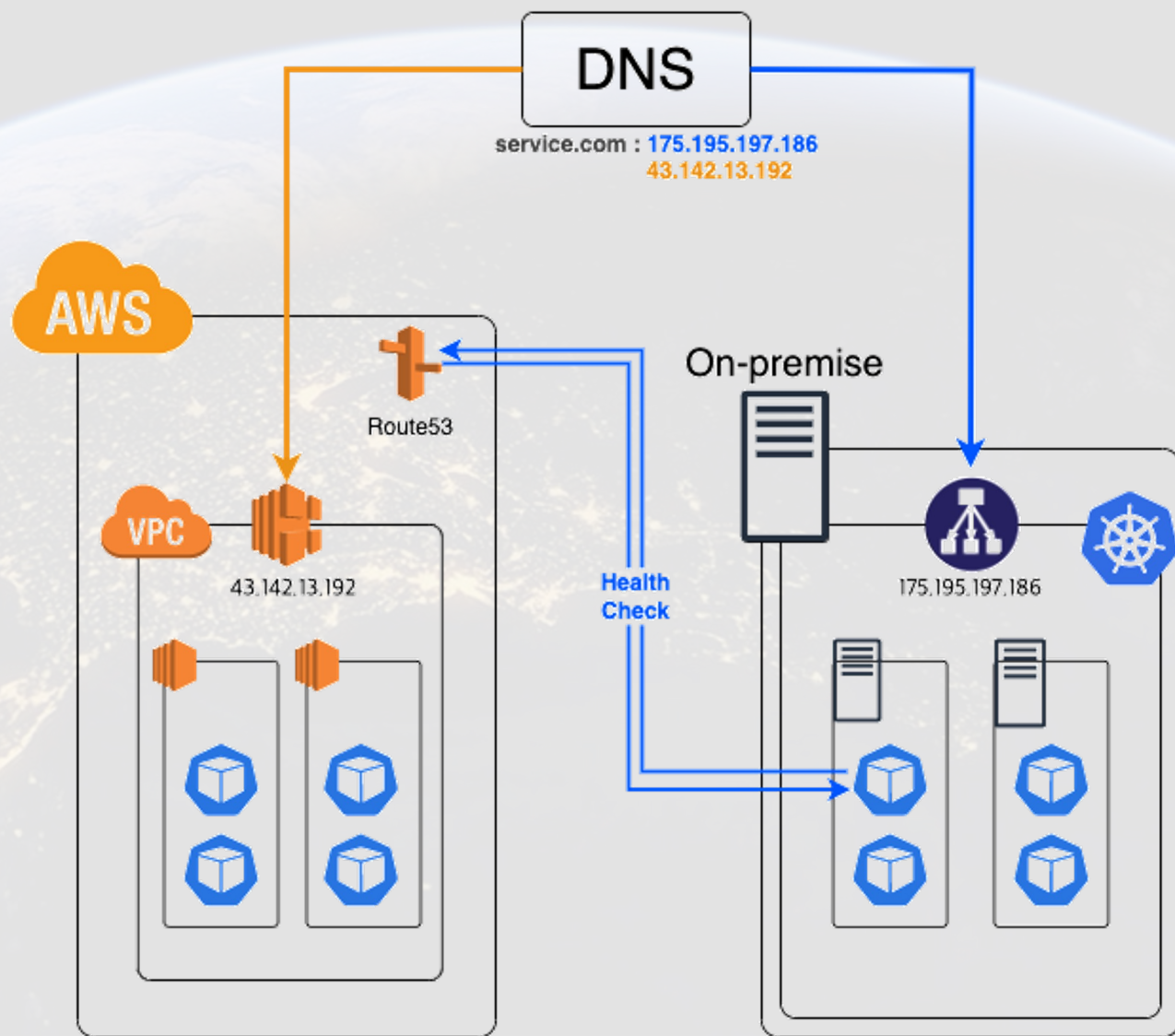
결과물



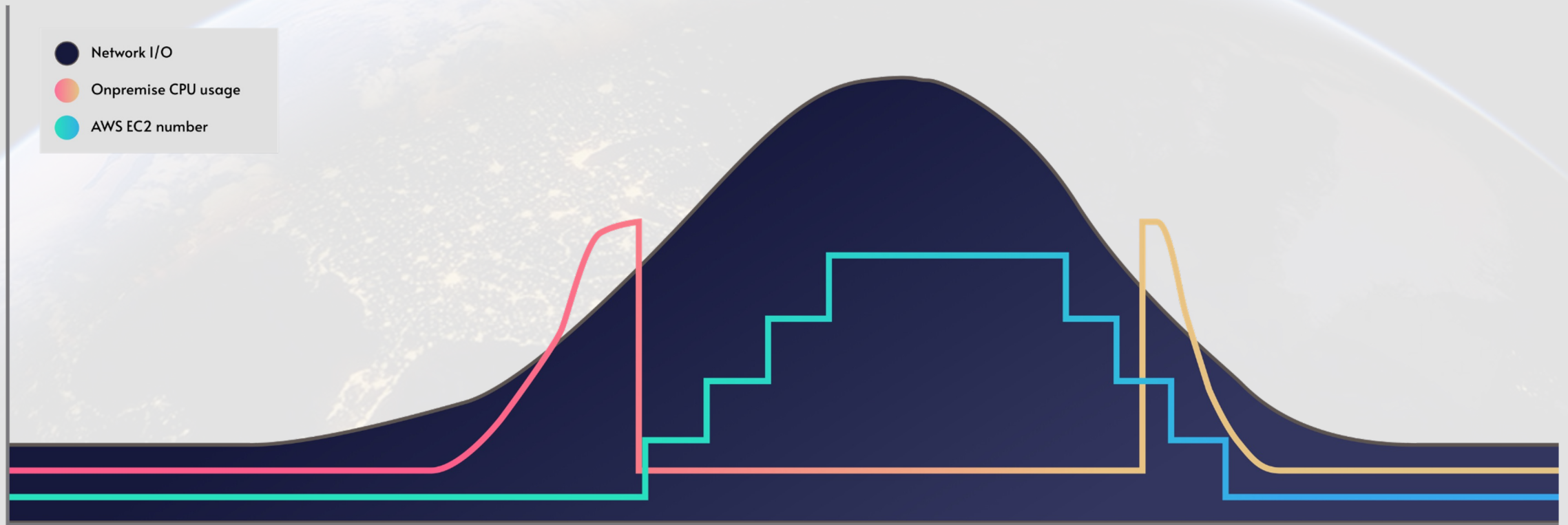
결과물



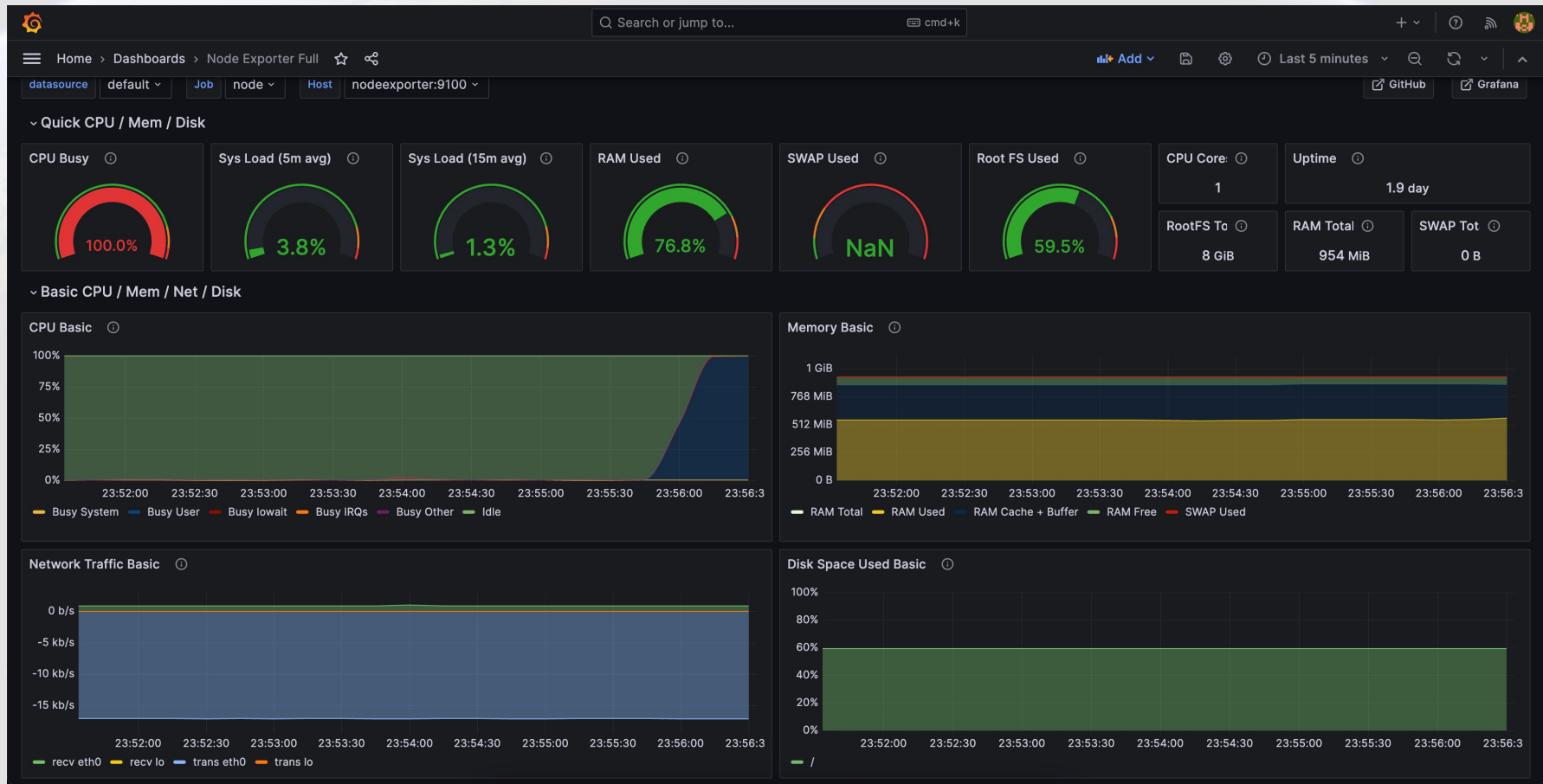
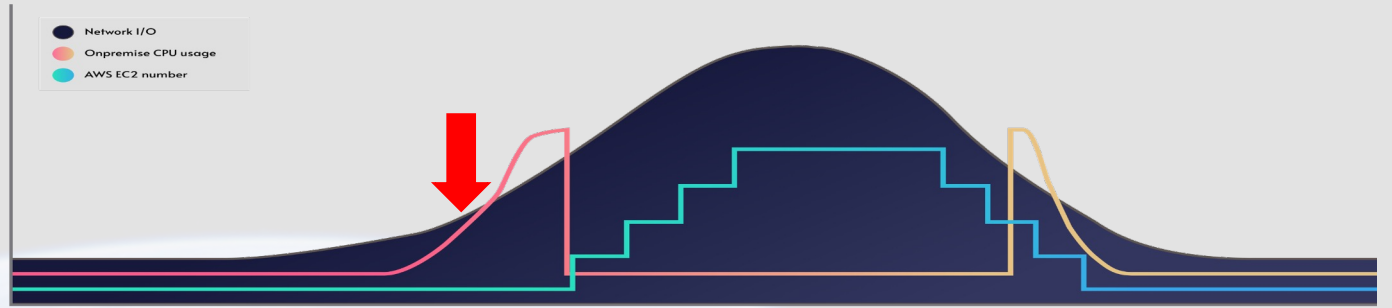
결과물



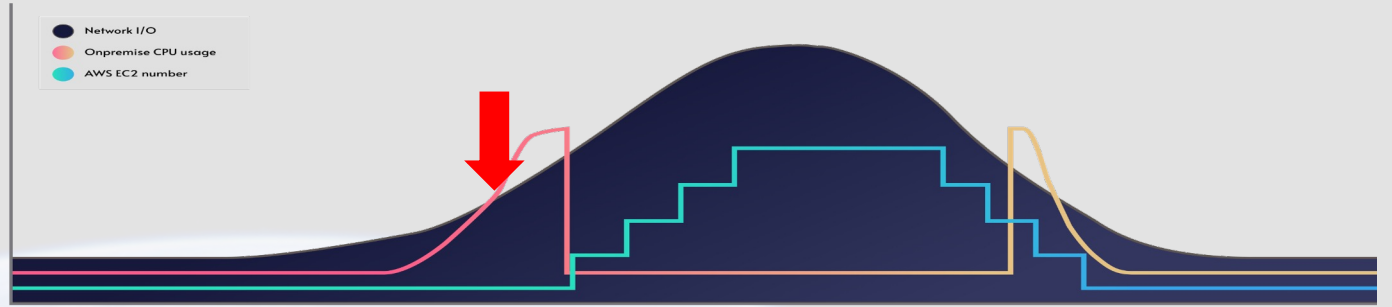
결과물 시연



결과물 시연



결과물 시연



트래픽 정책 > Akshan > 버전 2

새 버전으로 정책 편집

정책 버전 삭제

시작 지점

DNS 유형

A: IPv4 형식의 IP 주소



장애 조치 규칙

기본

▼ 상태 검사

☒ 대상 상태 평가

test (fd3ceed3-f0d3-455f-bf45-6cf266992aa1)

보조

▼ 상태 검사

☒ 대상 상태 평가

선택한 상태 검사 없음



엔드포인트

유형 값

값 175.195.197.188

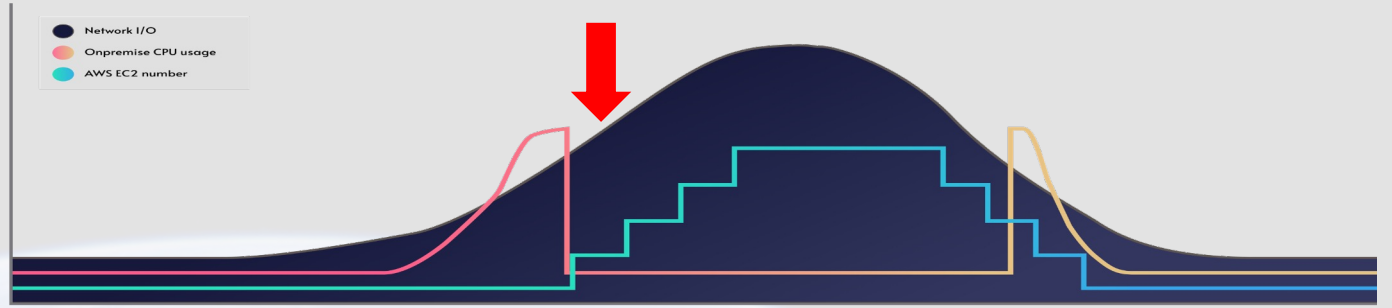


엔드포인트

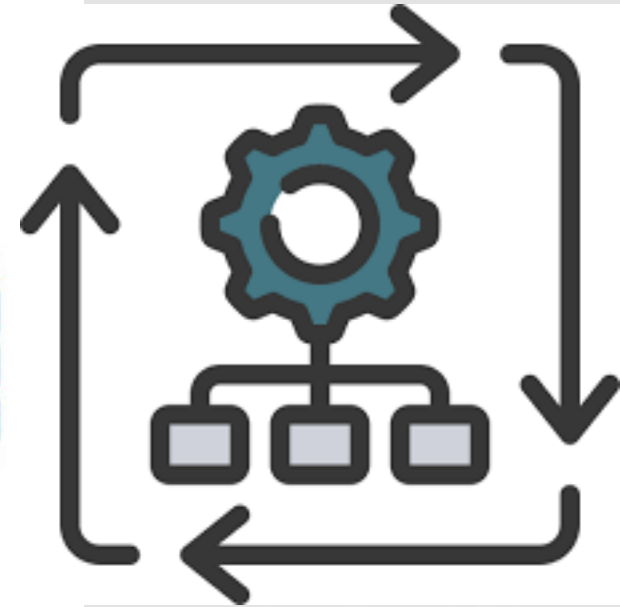
유형 값

값 43.201.96.99

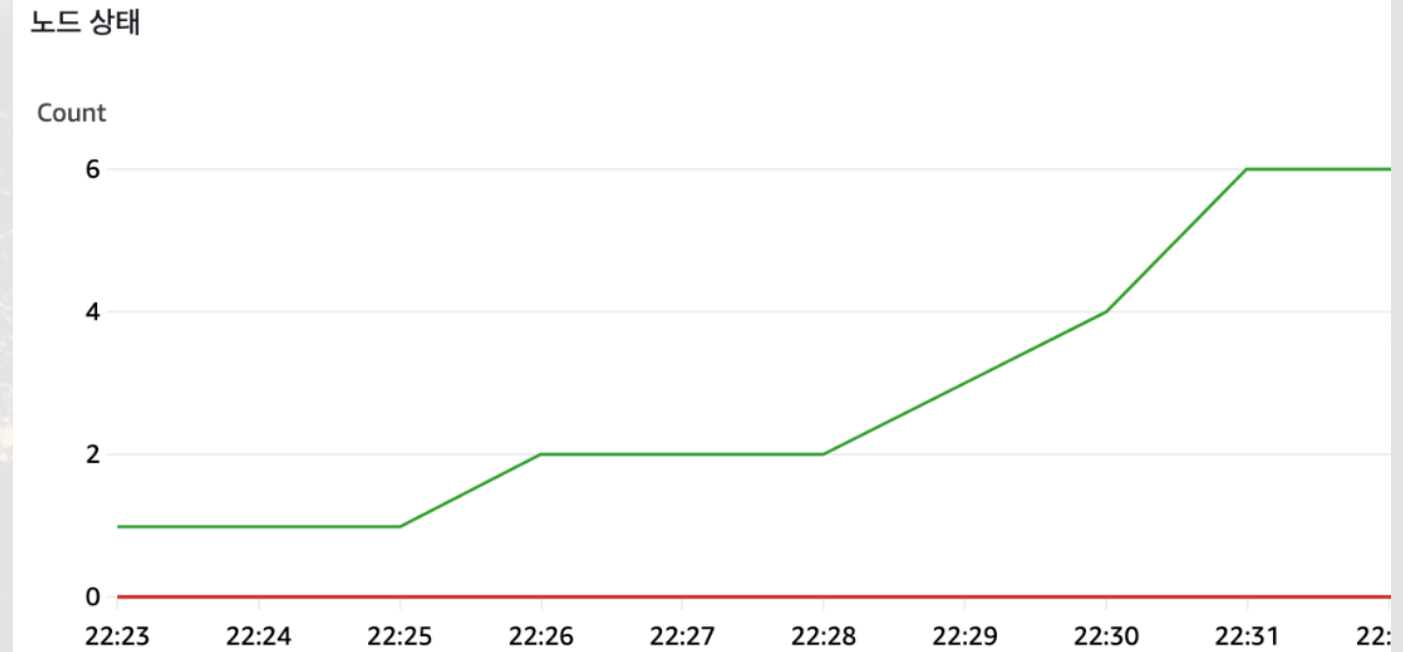
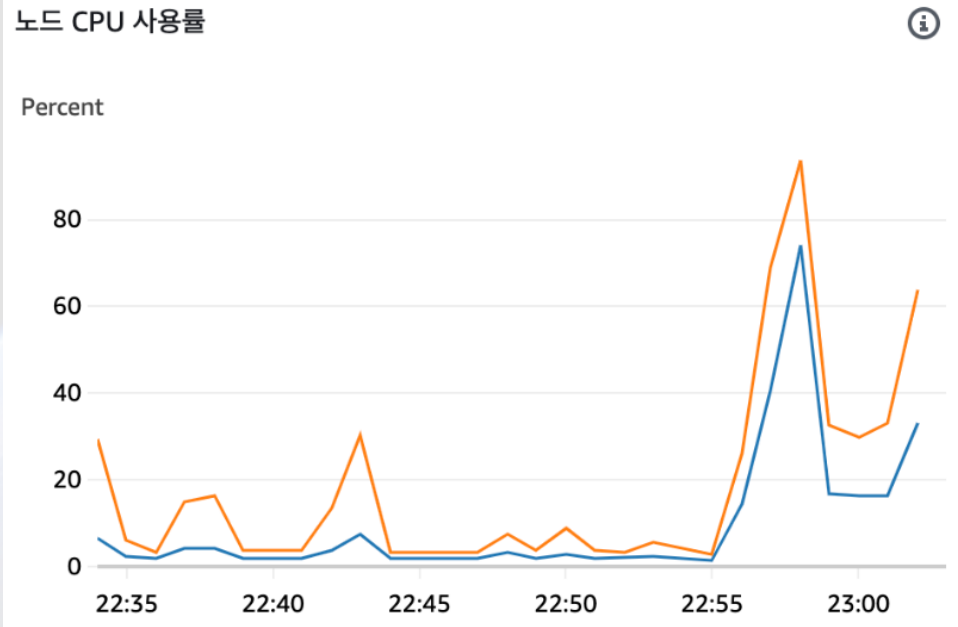
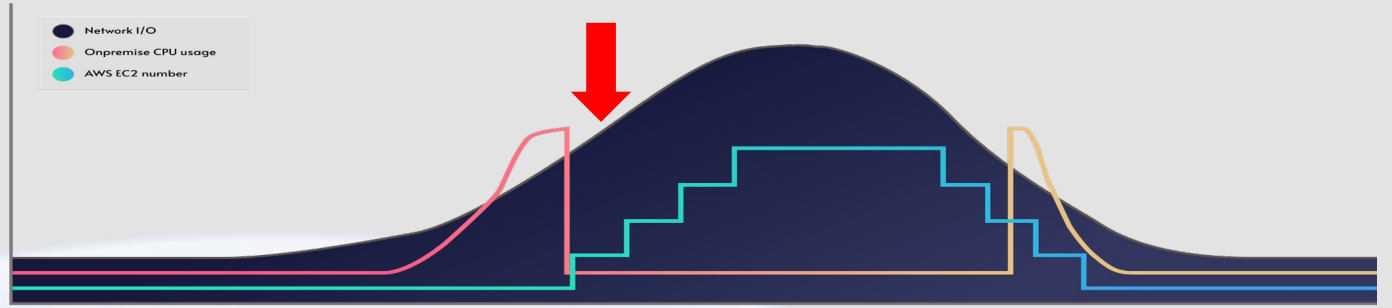
결과물 시연



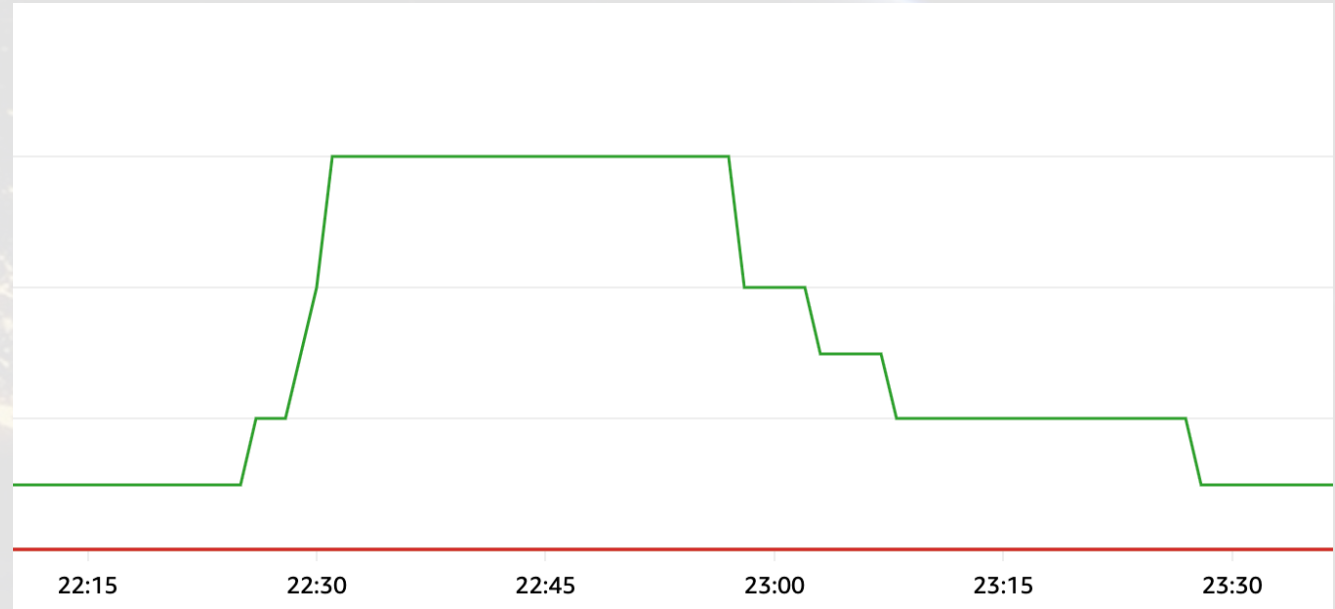
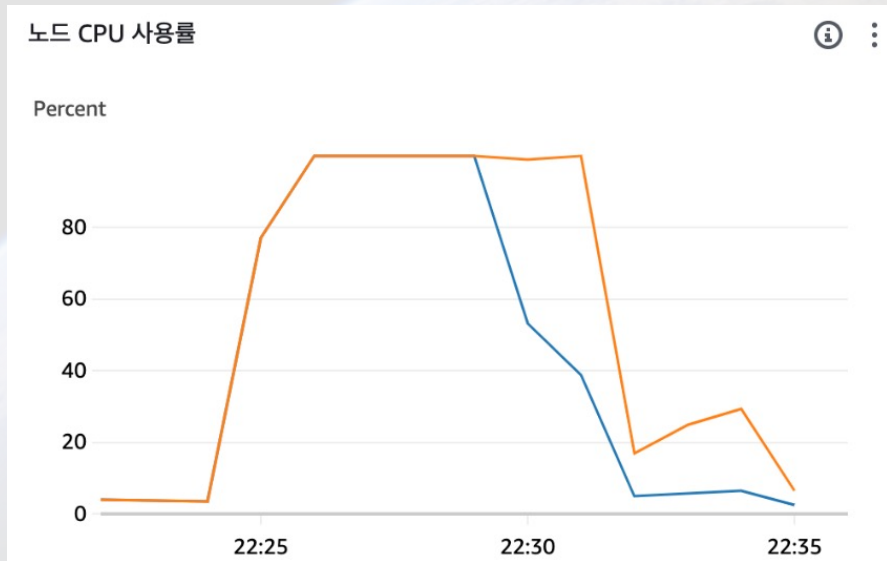
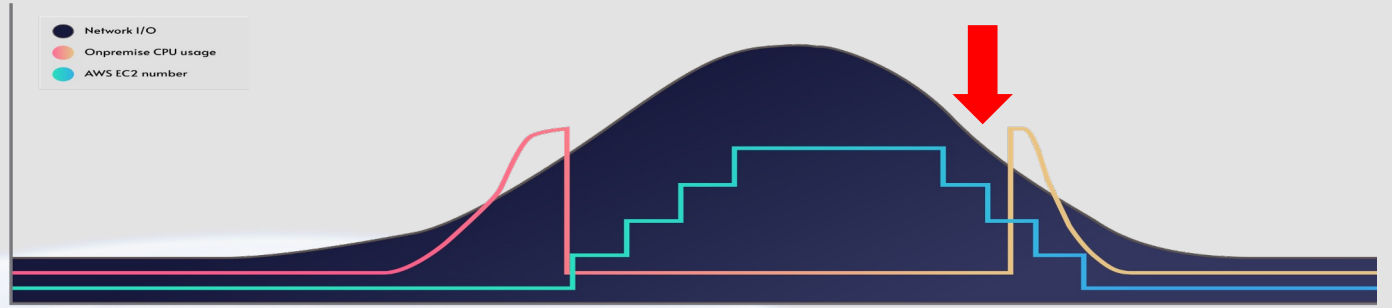
Scale Out



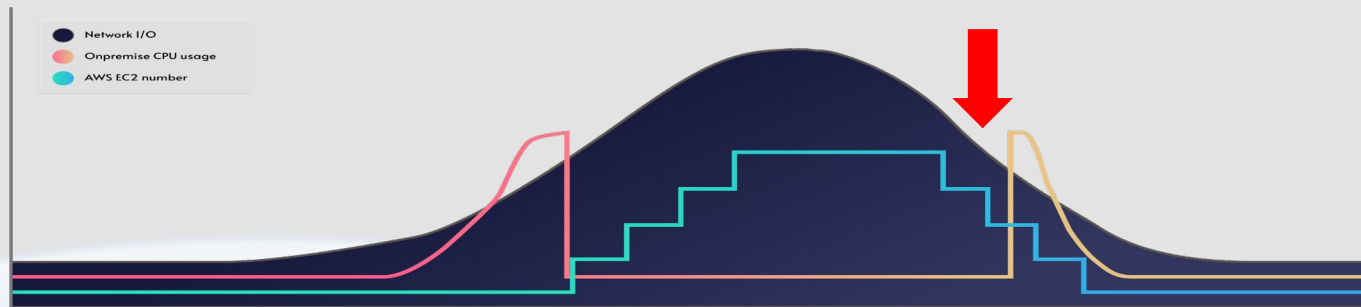
결과물 시연



결과물 시연

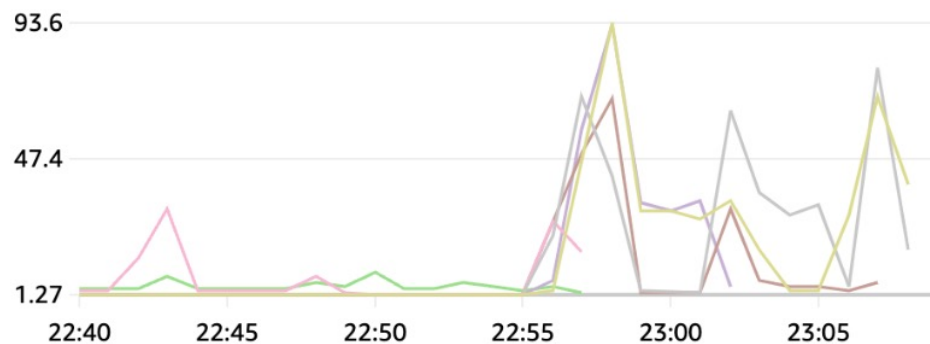


결과물 시연



CPU 사용률

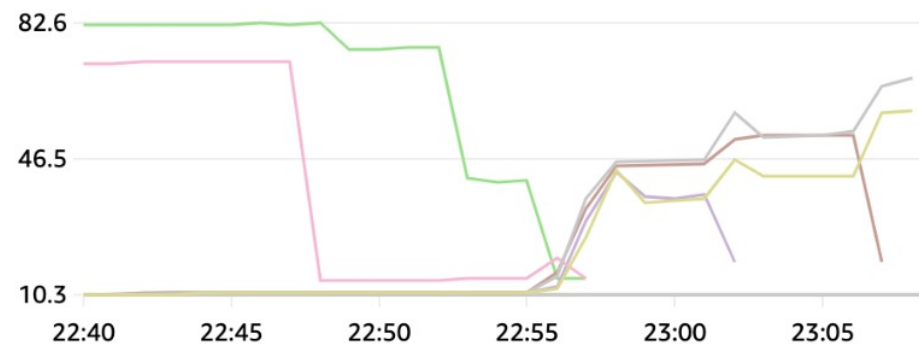
Percent



- [avg: --] | InstanceId: i-00e4f8c363e51f0c2
- [avg: --] | InstanceId: i-0cfae0463215d936d
- [avg: --] | InstanceId: i-0f2ce8439af054a60
- [avg: --] | InstanceId: i-056577043049979b9
- [avg: --] | InstanceId: i-0ce9bd62854563b4f

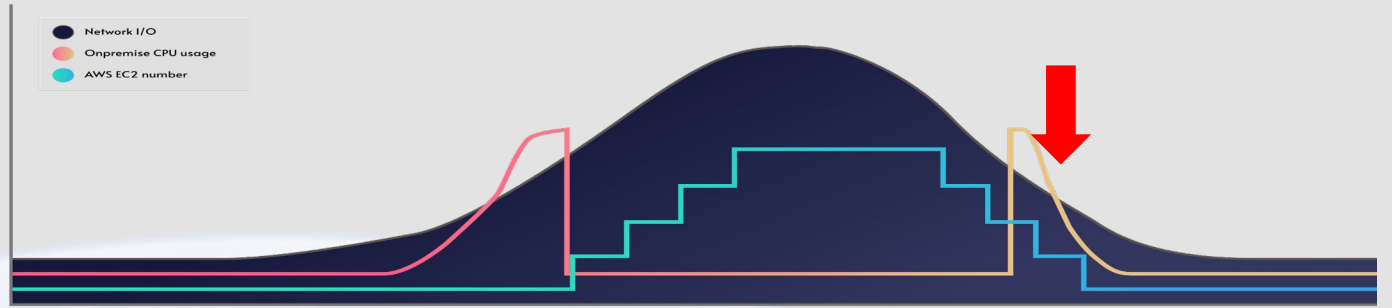
메모리 사용률

Percent



- [avg: --] | InstanceId: i-00e4f8c363e51f0c2
- [avg: --] | InstanceId: i-0cfae0463215d936d
- [avg: --] | InstanceId: i-0f2ce8439af054a60
- [avg: --] | InstanceId: i-056577043049979b9
- [avg: --] | InstanceId: i-0ce9bd62854563b4f

결과물 시연



결과물 시연

