

5min

Incident Response in the Cloud

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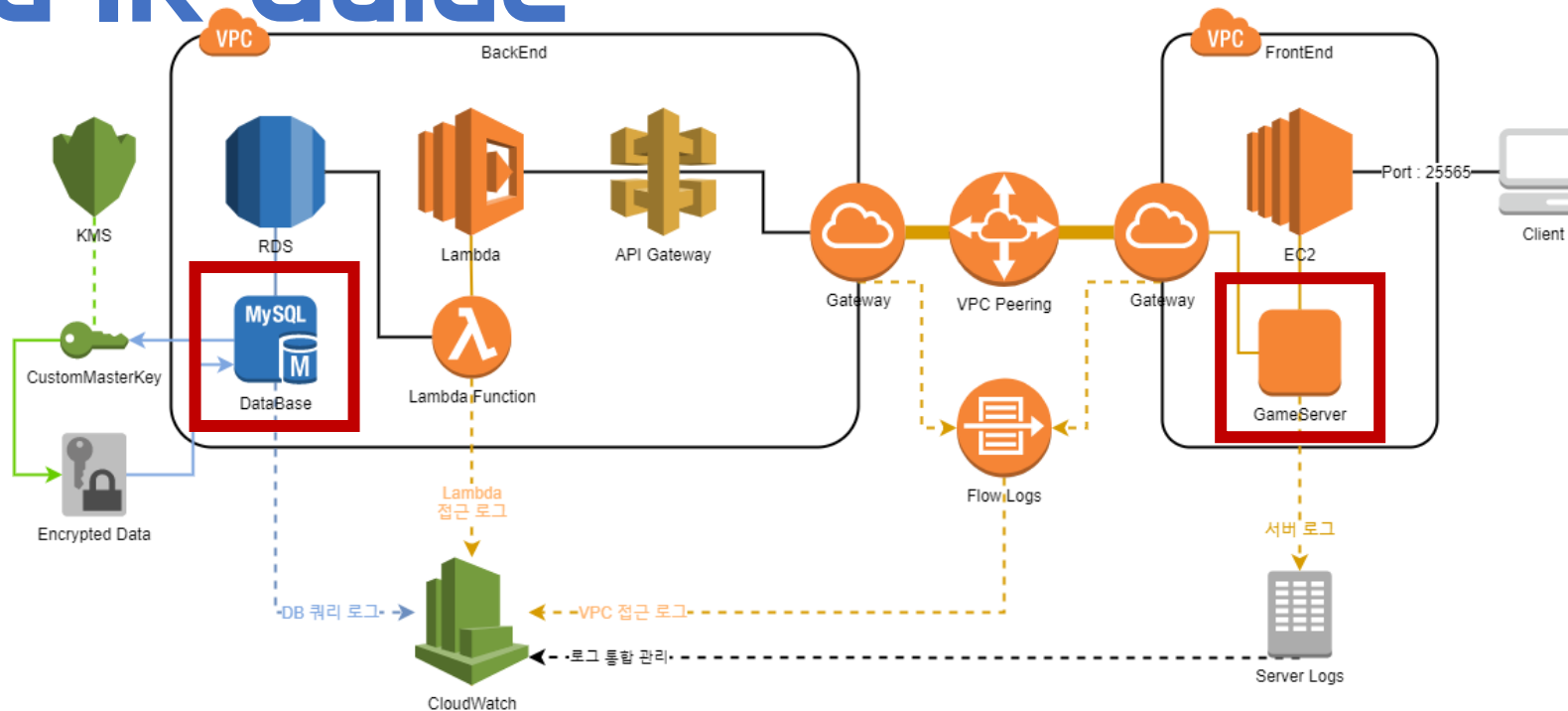
Cloud IR Guide



NIST SP 800-83, Computer Security Incident Handling Guide (악성 소프트웨어 사고 예방 및 처리 지침)

Incident Response in the Cloud

Cloud IR Guide



Establish response objectives

Work with your stakeholders, legal counsel, and organizational leadership to determine the goal of responding to an incident.

(이해 관계자, 법률 고문 및 조직과 함께 사고 대응 목표를 결정하기)

Cloud IR Guide



Cloud Watch
Indicators



RDS
General.log



EC2
Server Logs

Respond using the cloud

Implement your response patterns where the event and data occurs.
(이벤트 및 데이터가 발생하는 곳을 미리 확인하고, 대응 패턴 파악하기)

Cloud IR Guide

수동 스냅샷 (2)



```
root@tecmint:~# dd if=/dev/sdb1 of=/dev/sdc1  
20969472+0 records in  
20969472+0 records out  
10736369664 bytes (11 GB, 10 GiB) copied, 481,647 s
```



asdf

minecraftdatabase

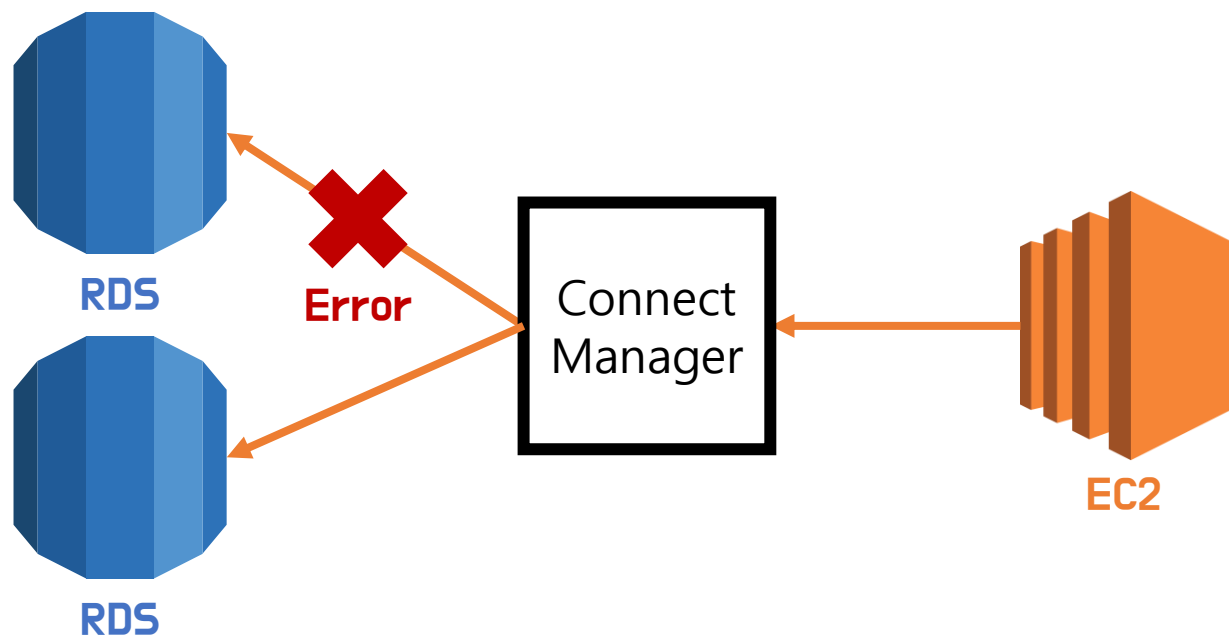
February 1st 2021, 9:30:40 am UTC

Know what you have and what you need

Preserve logs, snapshots, and other evidence by copying them.

(로그, 스냅 샷 및 기타 필요한 증거를 복사하여 보존)

Cloud IR Guide

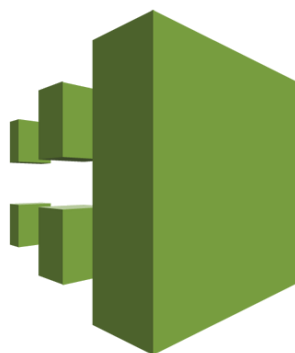


Use redeployment mechanisms

Make response mechanisms safe to execute more than once and on unknown states.

(응답 메커니즘이 안전하게 수행 될 수 있도록 하기)

Cloud IR Guide



Cloud Trail



Cloud Watch

Automate where possible

As you see issues or incidents repeat,
build mechanisms that programmatically.

(사고가 반복되면 프로그래밍 방식으로 상황을 분류하고 대응하기)

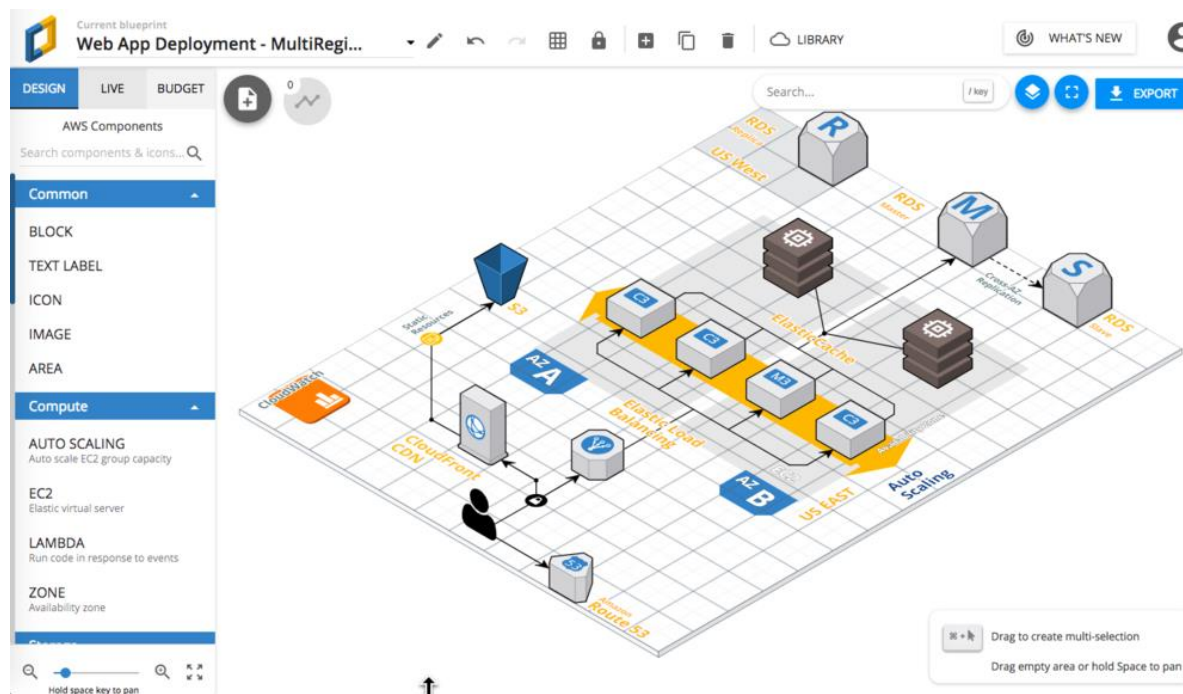
Cloud IR Guide



Choose scalable solutions

Strive to match the scalability of organization's approach to cloud computing.
(조직의 확장 성에 맞는 솔루션 선택하기)

Cloud IR Guide



Learn and improve process

Simulations are safe methods to find gaps and improve processes.
(시뮬레이션 및 학습을 통해 클라우드 프로세스를 개선한다)

Additional Things



Think about responding to an incident or a forensics event

In some cases, this means you may have multiple organizations, accounts, and tools specifically set up for these response tasks.

(포렌식 관점으로도 생각 해 보고, 다양한 도구를 찾아 사용 해 보기)

Thankyou