

# Post Mortems

- [Post Mortem - July 06, 2024](#)

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## Incident:

Main Database server unavailable.

## Affected services:

All web services hosted by [Vultr](#) and required a Database connection to function.

## Incident start:

12:15 pm ART - 05:15 pm NZST

## Incident end:

07:24 pm ART - 12:24 am NZST

## Resolution steps:

1. 15 minutes after the incident started, the team got notified by [Vultr](#) about the outage.
2. 2 hours into the outage the team opened the ticket with ID BJP-53CGO.
3. 7 hours into the outage the team observed the Database with status "RUNNING" and proceeded to configure the Firewall and internal routing to getting it working again.
4. At 19:24 ART, the connection to all site was restored.
5. 27 hours after the incident started we got a reply from [Vultr](#) stating:  
"The host node on which your instance was previously located failed, necessitating a manual recovery of the data with the assistance of our onsite engineer. Following the recovery, the instance was migrated to a healthy node. Unfortunately, this process took longer than expected."

## Mitigation steps:

1. The team informed all clients about the issue.

## Improvements and de-risking solutions:

1. The team configured a second Database server within [Vultr](#) with replication to the main Database.
2. The team defined and consolidated SOPs for switching Databases in case of a new outage.