

Sprint Planning Minutes

Attendees: Nicholas Merjech, Deryn Hurst, Maksim Kharutski, Tuntufye Mwakalasya, Myckheal Hosang

Start time: 5:00 pm

End time: 6:00 pm

After discussion, the velocity of the team was estimated to be one story per person per sprint.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

1. I can mathematically verify data consistency between the primary and recovery databases before a failover occurs.
2. **I want** a pre-flight validation task that asserts VPC peering status and audits Security Group ingress/egress rules in the failover region,
So that I can guarantee that microservices will maintain connectivity immediately upon recovery without manual network reconfiguration.
3. **I want** immediate, event-driven notifications (via Slack/Webhook) containing specific error logs if any verification node fails,
4. **I want** the latency and success metrics of every drill to be serialized into a timeseries database or centralized dashboard,

The team members indicated their willingness to work on the following user stories.

- Deryn Hurst
 1. As a system engineer, I want the DAG to automatically restore a database snapshot to a sandbox environment and run a "row-count" check so I can verify data integrity.
- Maksim Kharutski
 1. I want the results of every verification drill to be logged into a persistent dashboard so we have a historical record of our Recovery Time Objectives (RTO).
- Nicholas Merjech
 1. As a developer, I want to receive a Slack notification or webhook trigger immediately when a verification step fails so I can quickly respond to infrastructure drift or recovery issues in real time.
- Tuntufye Mwakalasya
 1. I want the results of every verification drill to be logged into a persistent dashboard so we have a historical record of our Recovery Time Objectives (RTO).
- Myckheal Hosang

1. Story #1: Data consistency verification before failover
Focus: implement/coordinate the mathematical verification approach and acceptance evidence for consistency checks between primary and recovery prior to initiating failover.