# **Self Driving Cloud**

Simulator



### Carolyn Huynh | Google Cloud Security



### Lead UX Designer

#### Role

I was the first designer to join the Self Driving Cloud team and ever since, I've been the Lead UX Designer and thought leader behind the suite of SDC products three years now.

Simulator is the third product within the self-driving cloud initiative that I have lead from inception to launch.

### The Problem:

Editing & releasing bad policy can result in the lost of productivity, outages, security breaches, and their trust in Google.

## The Mission:

Increase customer confidence & reliance on Google by allowing them to <u>simulate</u> and <u>preview</u> IAM policy changes before applying them.

...think of this product as a playground.

Or in dev metaphors, a sandbox environment for policy, where there are no consequences if you make a mistake and you can learn and grow from it.



#### Hank: Platform Admin

Charlie wants to delegate control to team admins, while maintaining central control. He wants to ensure compliance with governance requirements while enabling developer teams to be very productive.



### **Veronica: Platform Admin**

A software engineer that designs, builds, or sets up centralized infrastructure. Unlike Charlie, she is not involved in the day-to-day maintenance of the deployment.

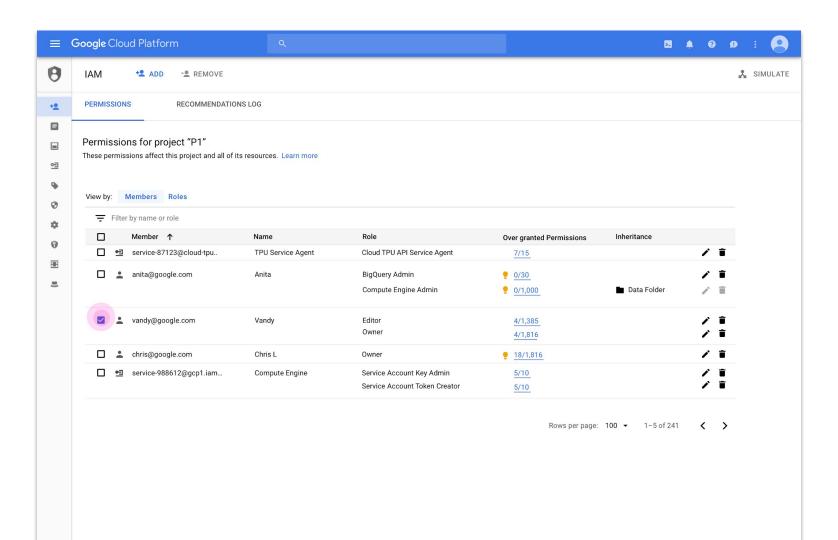


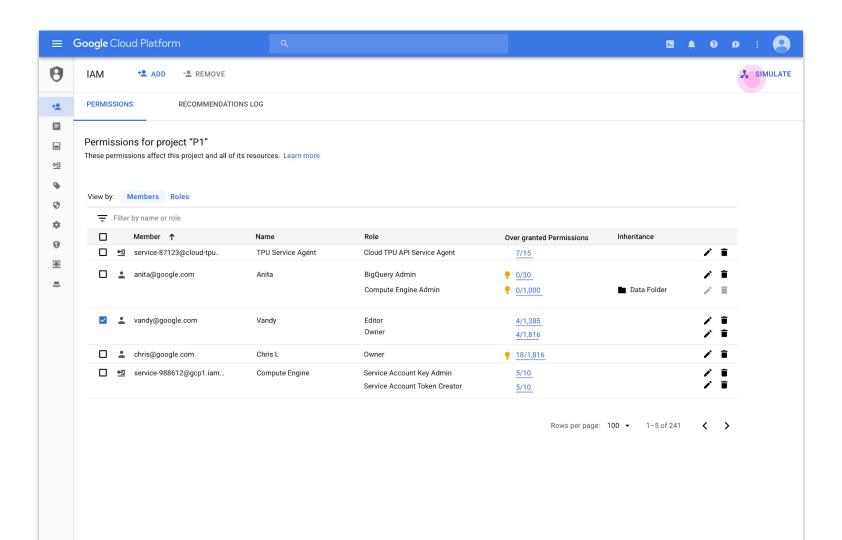
I want to simulate what access changes occur when I change a member's role from "Editor" to "Viewer" before applying this policy change.

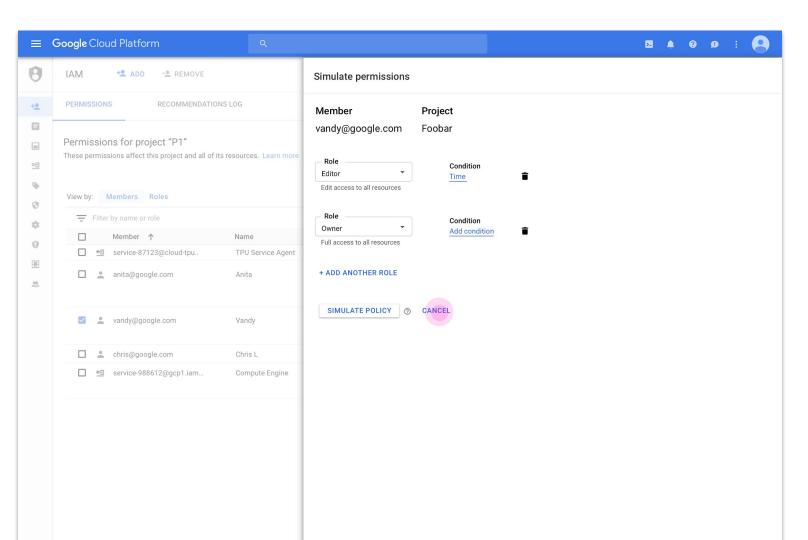
Mike

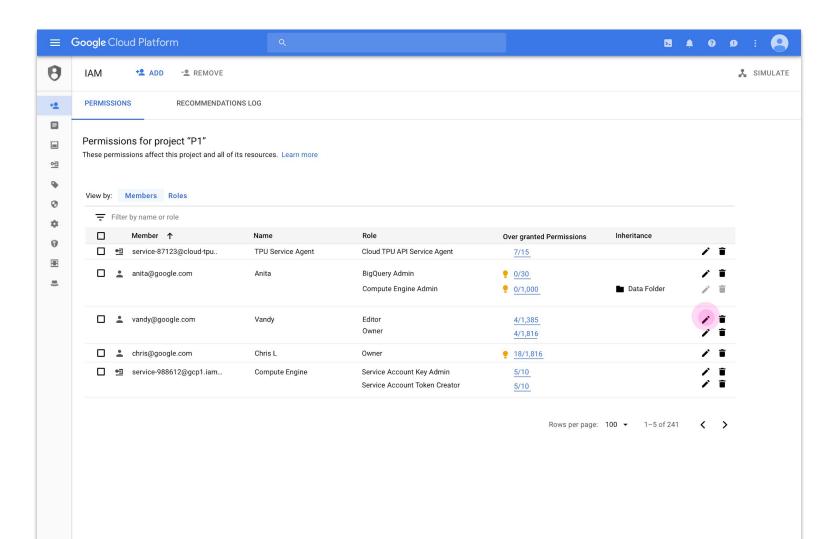
Game Infrastructure Lead at {Gaming Company X}

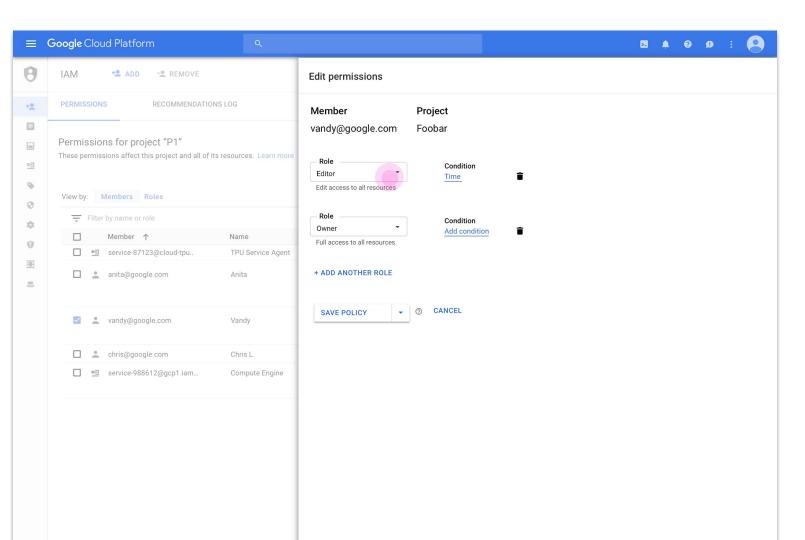
# Let's walk through Simulator.

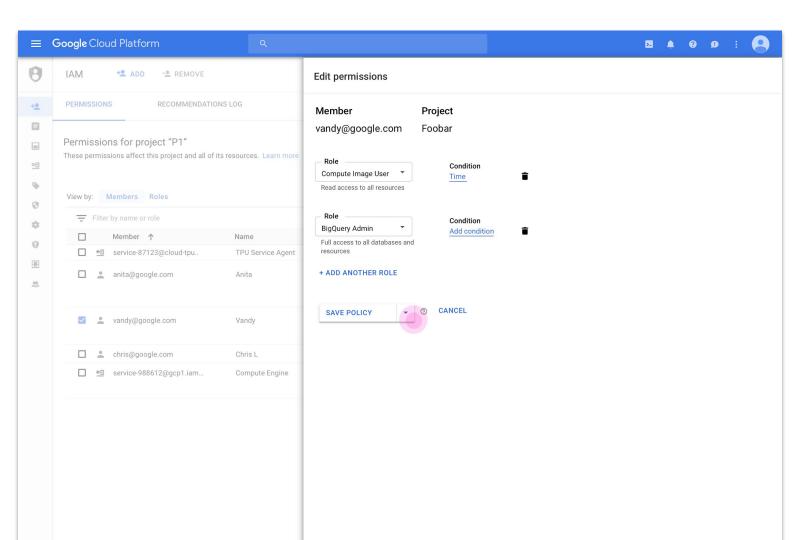


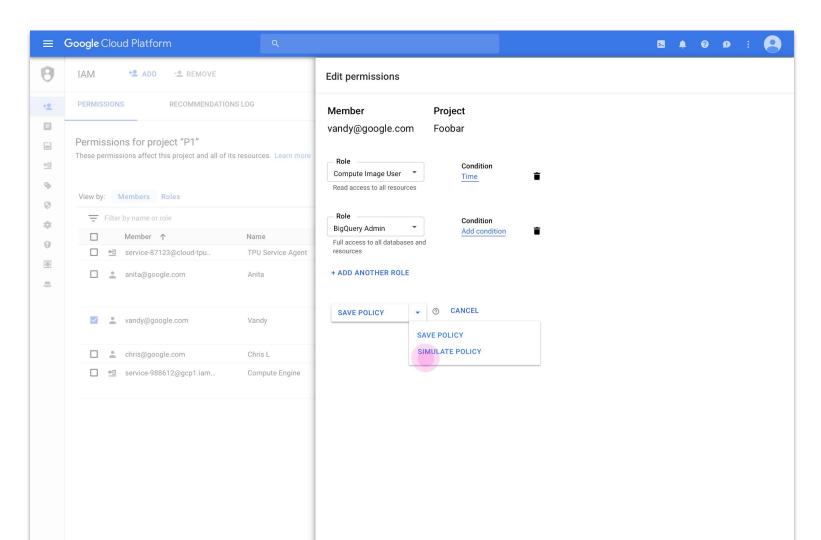


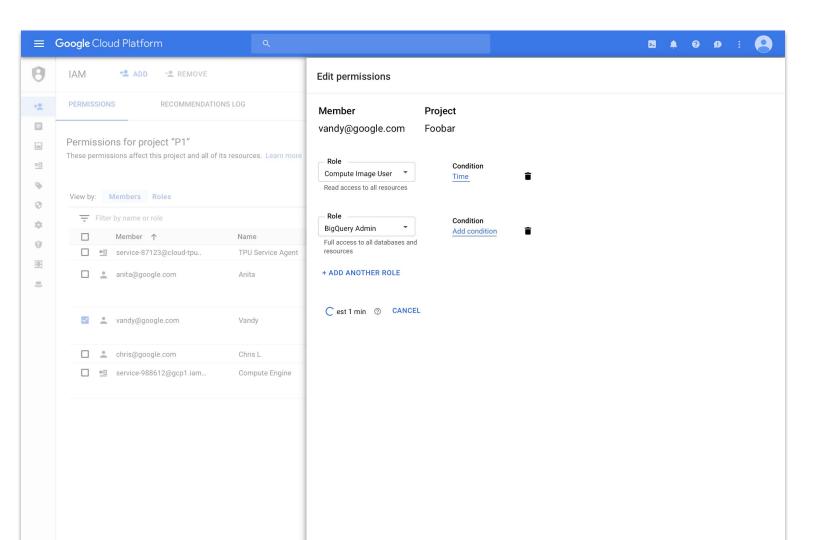


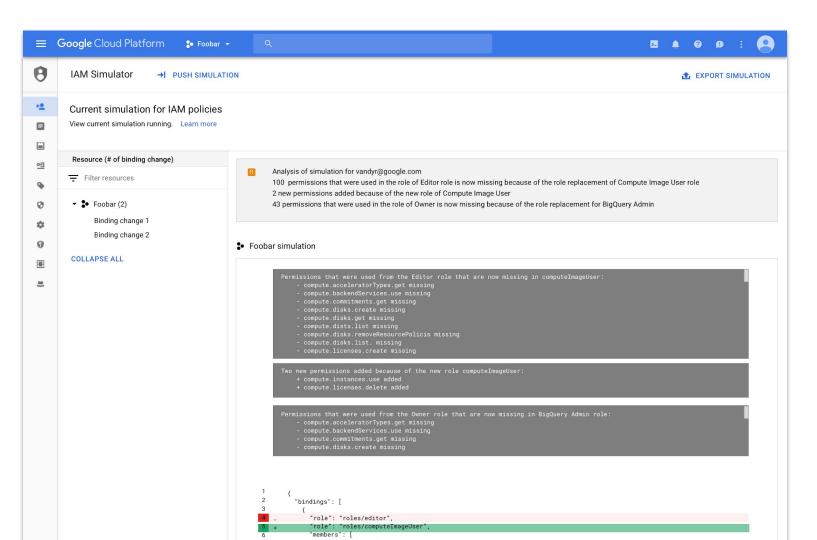


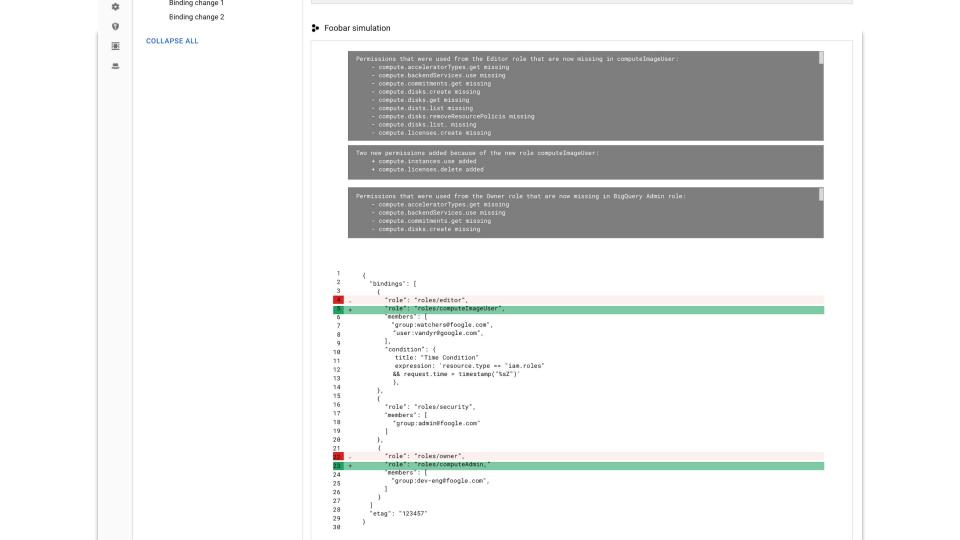














## **Thank You**