

The background features a dark blue gradient with abstract geometric shapes. On the left, a large triangle is formed by a vertical orange line and a diagonal orange line. On the right, a large curved shape in shades of blue and orange sweeps across the frame. The text is positioned in the upper right area.

AWS re:Invent

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NFX201

Create from anywhere: The Netflix Workstations story

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Netflix



Agenda

NETFLIX

What technology was used?

What was the problem?

Who are the users?

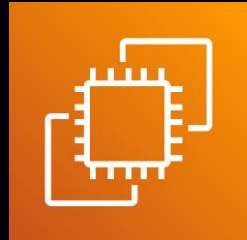
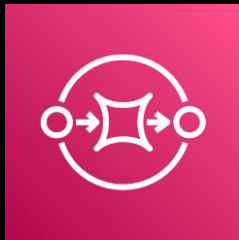
How did we make Netflix Workstations?

What did we learn?

What's next?

Technology

NETFLIX



Java & Go

SaltStack

Spinnaker



Packer

Teradici

What was the problem?

Why not ship a computer?

Flexibility

Security

Who are Netflix Workstations for?

Artists



Technical directors



Pipeline engineers



How did we make Netflix Workstations?

Components

NETFLIX

Fleet management

Configuration management

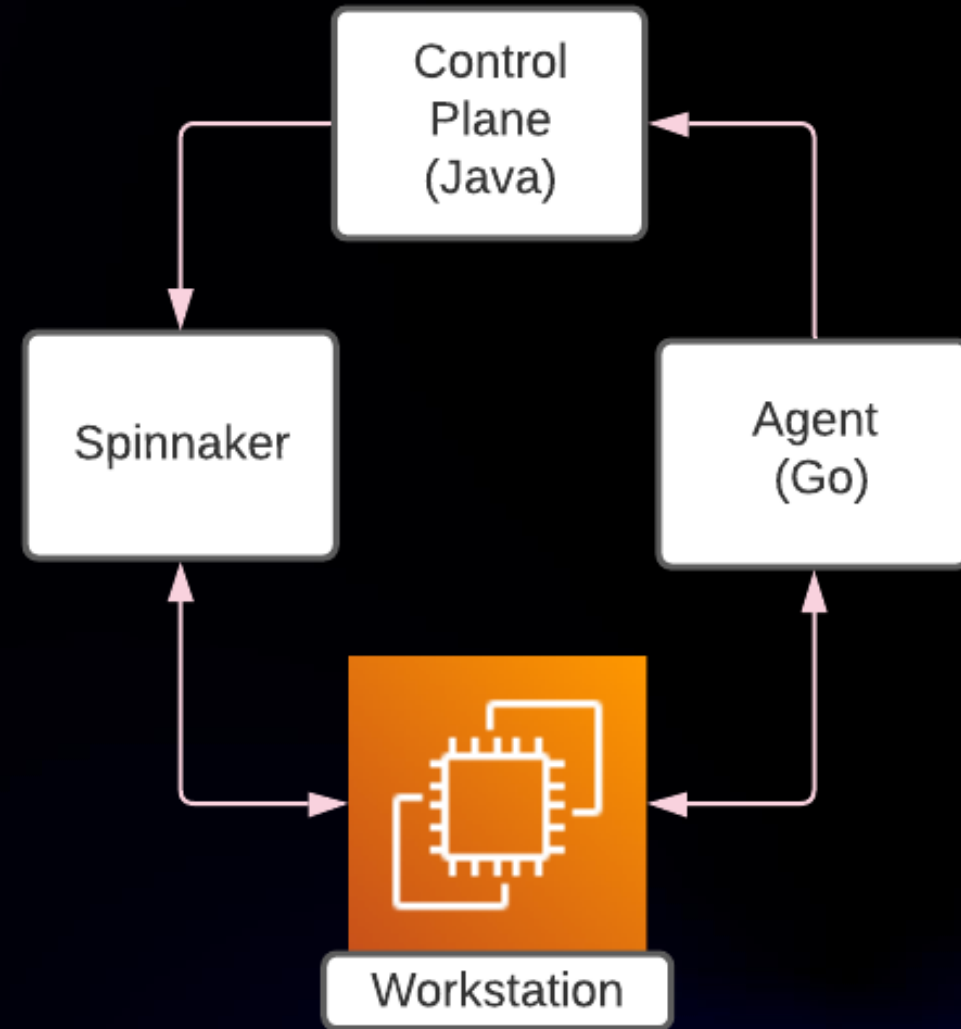
Package management

Image management

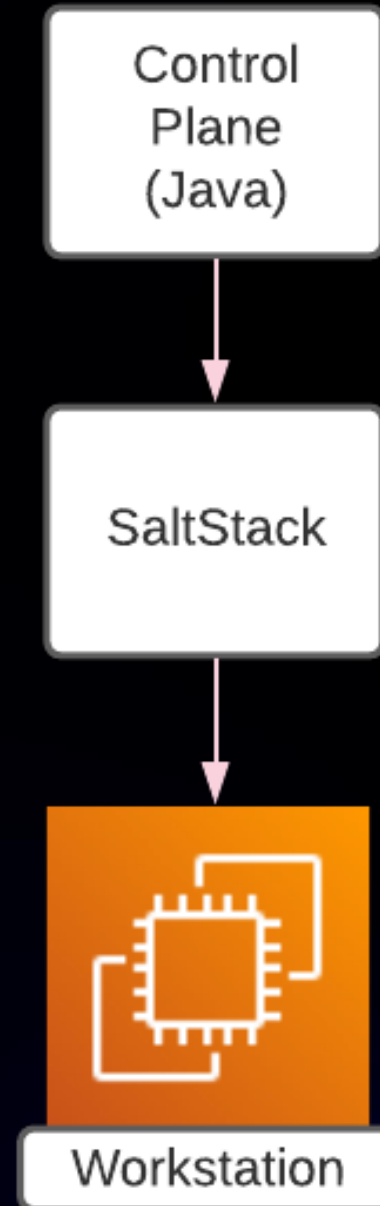
User access / RBAC

Remote display protocols

Fleet management



Configuration management



```
lighting_install:  
  pkg.installed:  
    - name: lighting-10-1
```

Package management

Image management



Bake



Run



Acquire

Image management



Bake

OS internal
tools



Run



Acquire

Software

User
settings

Image management



Bake

OS internal tools



Run

Software



Acquire

User Settings

Image management



Bake

OS internal
tools

Software



Run



Acquire

User
Settings

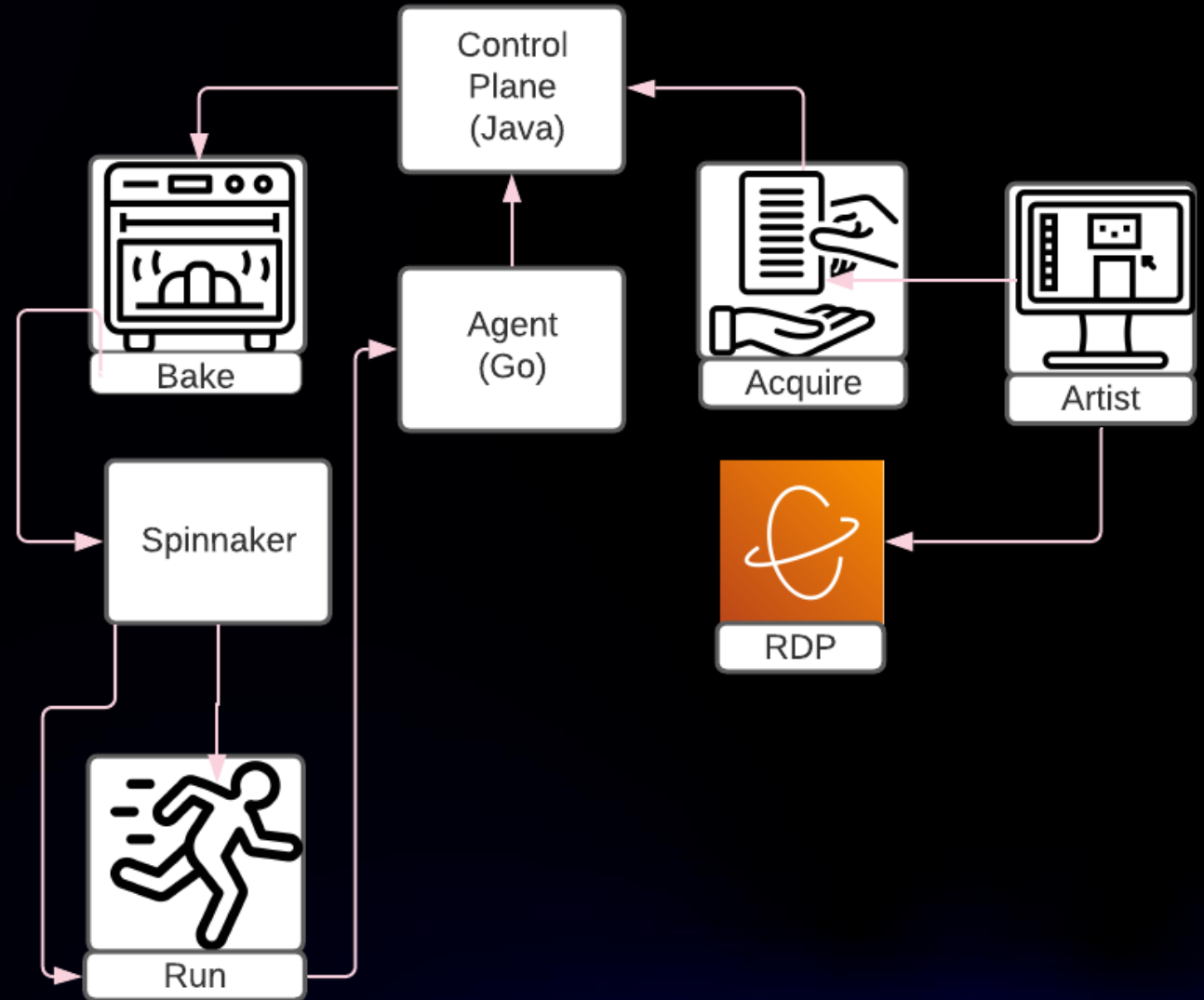
Remote display protocols



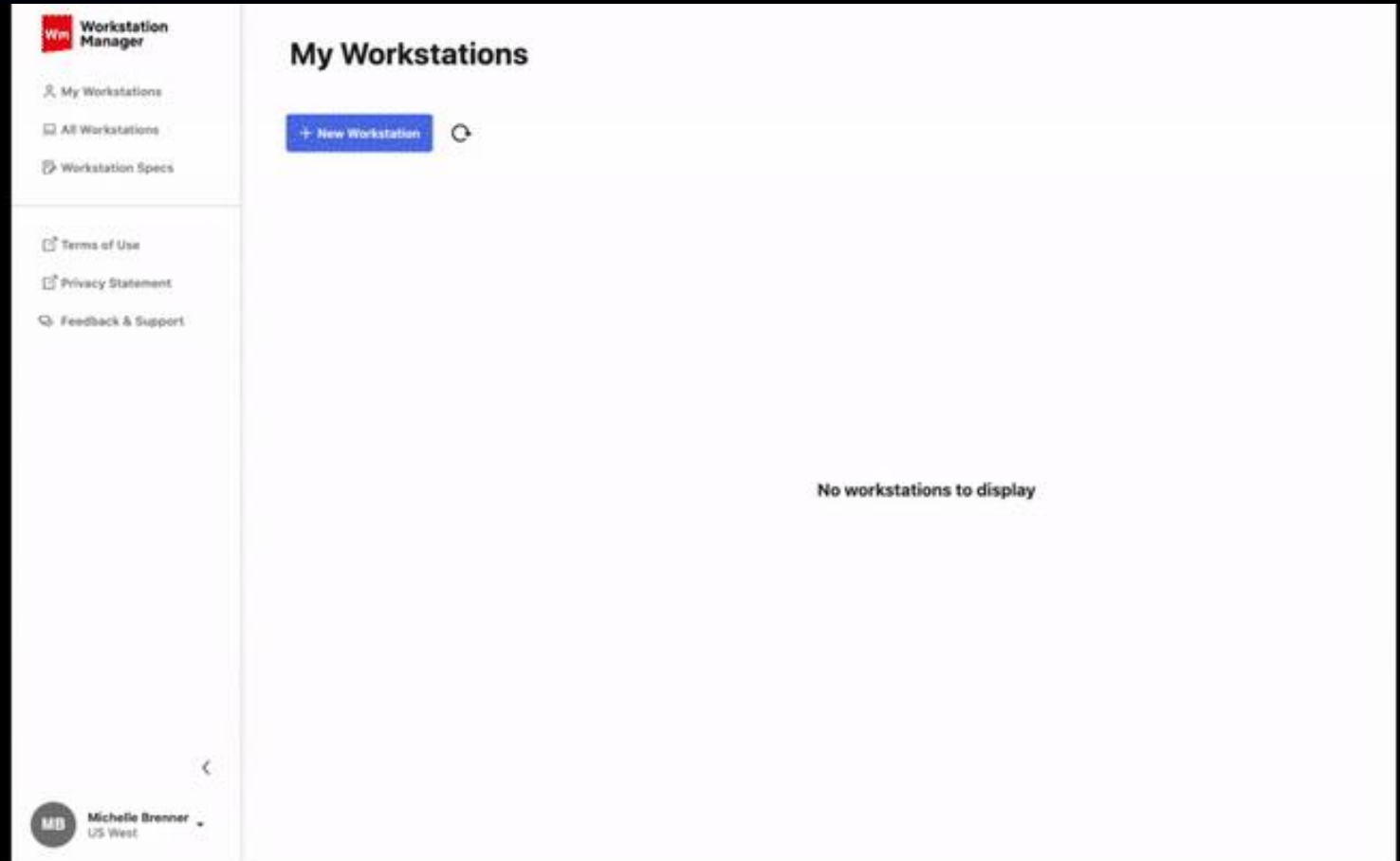
User access: RBAC



Full workflow



What it looks like



What we learned

NETFLIX

Table stakes

Platform over product

Know your users

One thing at a time

What's next?

Thank you!

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