

# Leveraging Multiple Cloud Orchestration

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• Principal Architect, Cloud





- Principal Architect, Cloud
- DOCOMO Innovations, Inc. (Palo Alto, CA)
- DOCOMO Inc. (NYSE: DCM)



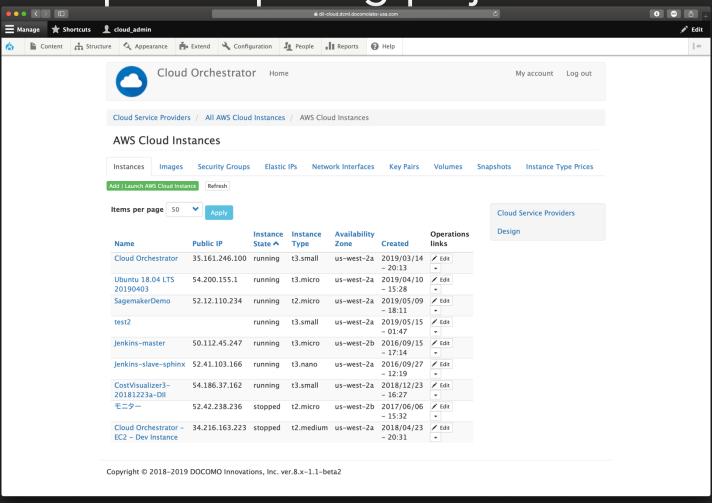


- Principal Architect, Cloud
- DOCOMO Innovations, Inc. (Palo Alto, CA)
- DOCOMO Inc. (NYSE: DCM)
- Cloud, DevOps, Agile Software Development
- d.o: 14 years 3 months



#### DOCOMO Innovations

Drupal Contributed Module: Cloud https://drupal.org/project/cloud





# Agenda



#### Agenda

- Multiple Cloud Orchestration Concept
- Value Proposition
- Goal: A Self-Service Portal
- Cloud Orchestrator
- 🕨 Demo





Enterprise Users

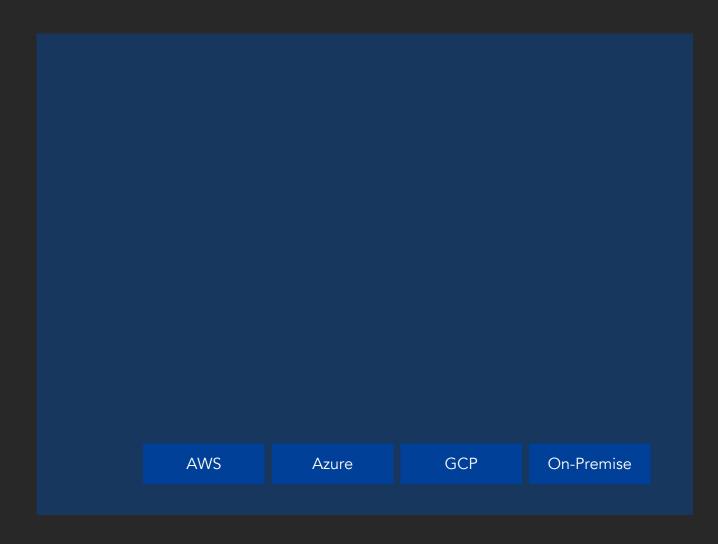
IT Executives

IT Operators

IT Users



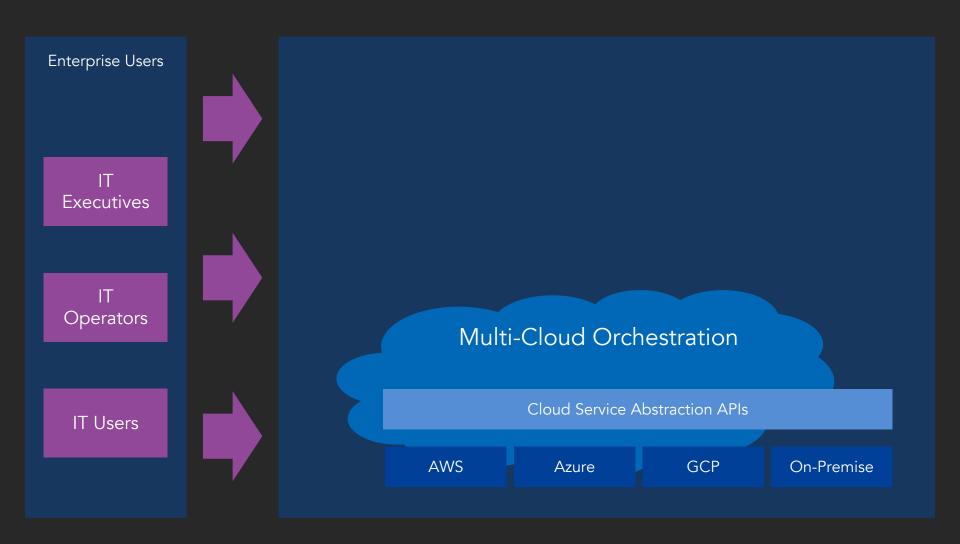




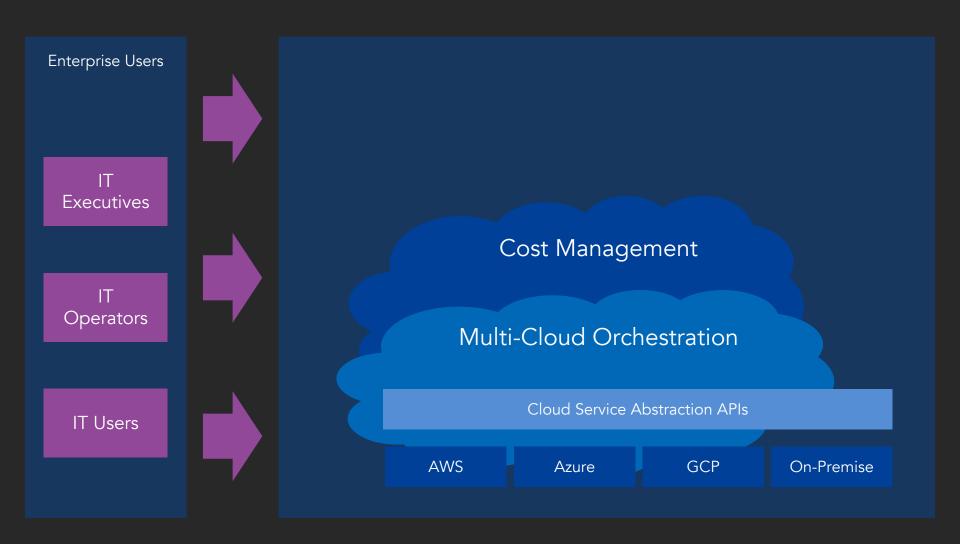




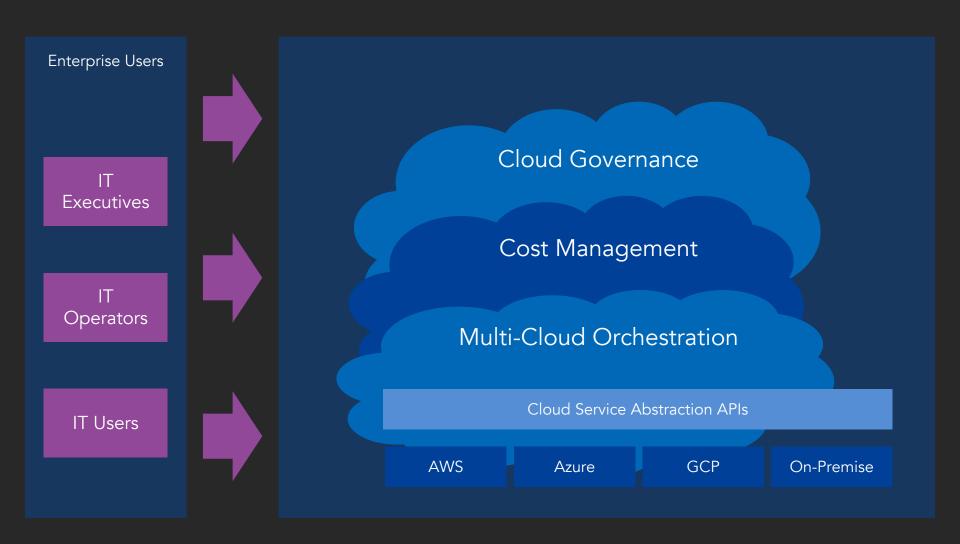




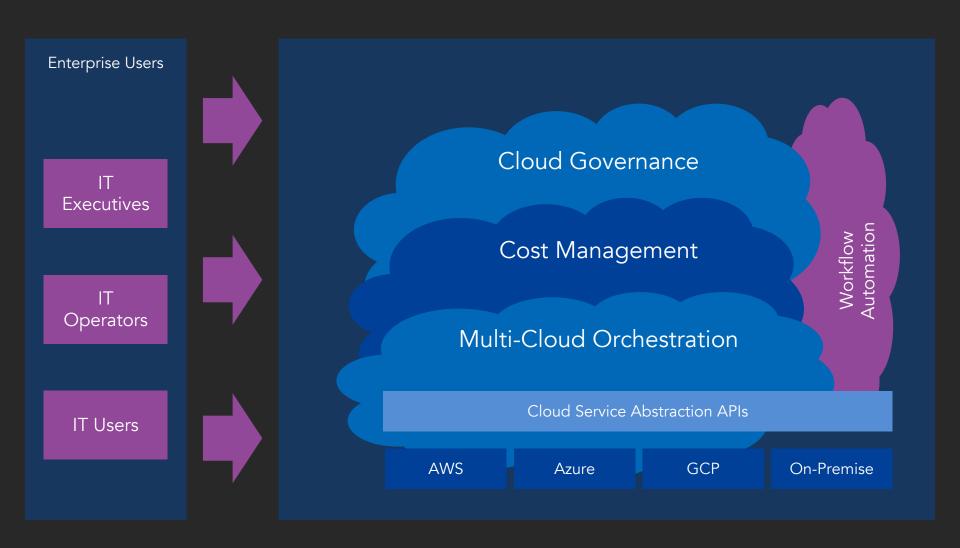




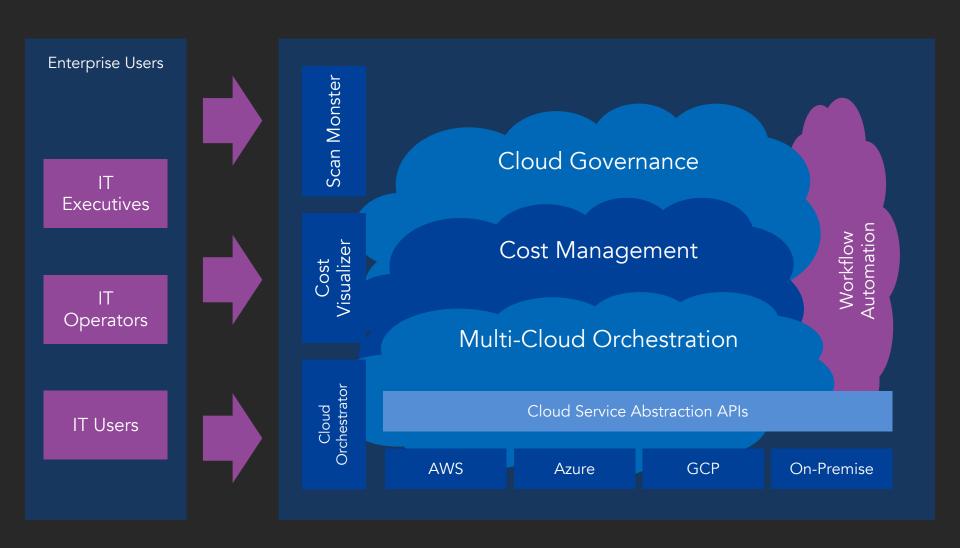














# Value Proposition



#### Value Proposition

- Agility of Time to Market by Cloud Consumption
- Cloud TCO
- Cloud Governance



#### Value Proposition

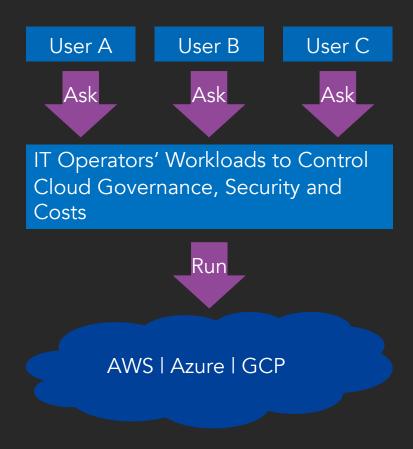
- Agility of Time to Market by Cloud Consumption
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#### **Best Practices**

- Cost Analytics and Optimization
- Cost Management
- Multi-Cloud Orchestration (AWS, GCP and Azure)
- Agile Software Development

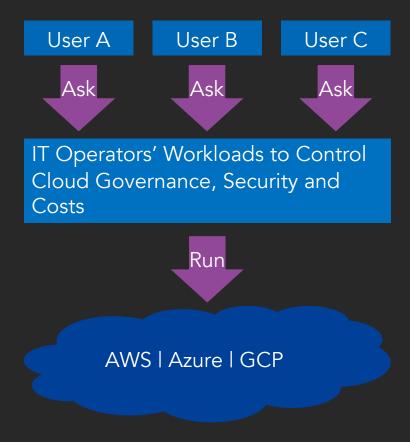






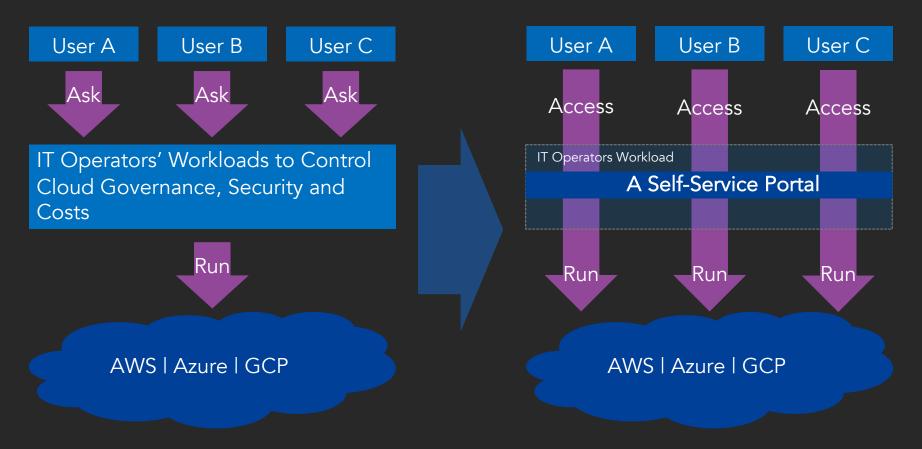


 Enable self-provisioning by user to change the operation from "Ask" to "Access" thru A Self-Service Portal to reduce Cloud management cost by IT operators



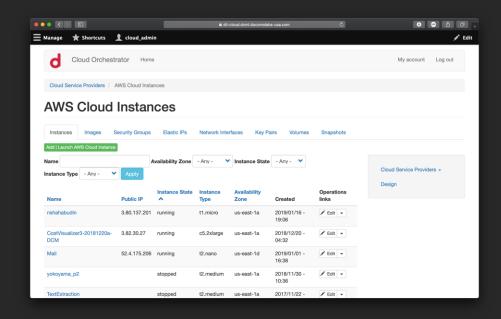


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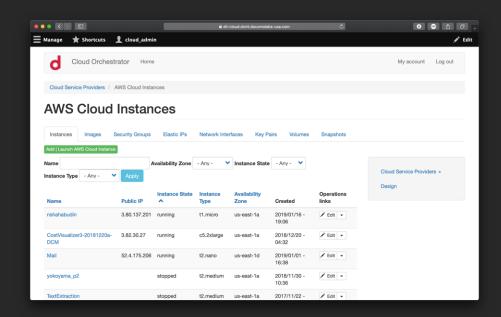








- AWS Self-Service Portal for EC2
  - SSO through user's own Active Directory account
  - Easy to launch and manage user's own instances (especially GPU)

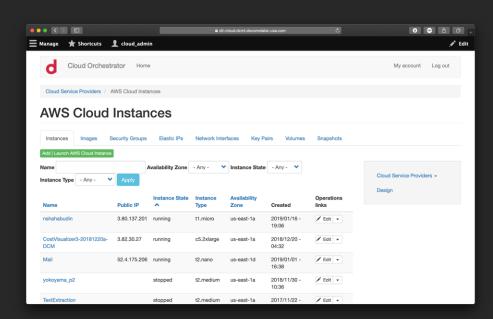




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#### Open Source

- https://drupal.org/project/cloud
- Automated testing
- Software releases management
- Agile Software Development
  - Superfast-paced development
  - Higher productivity

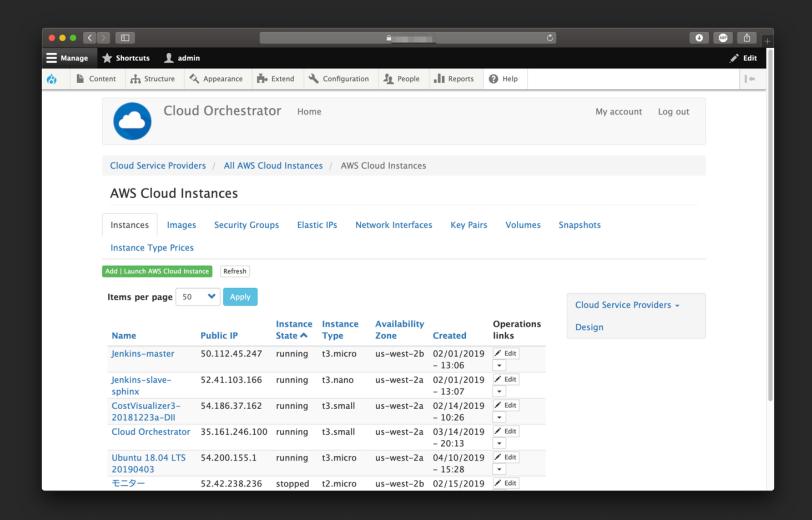




#### Demo

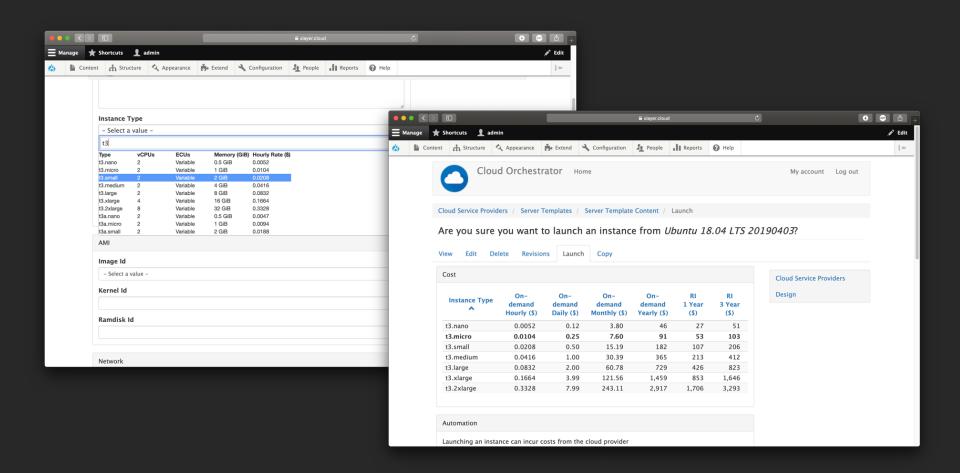


#### **Screenshots**



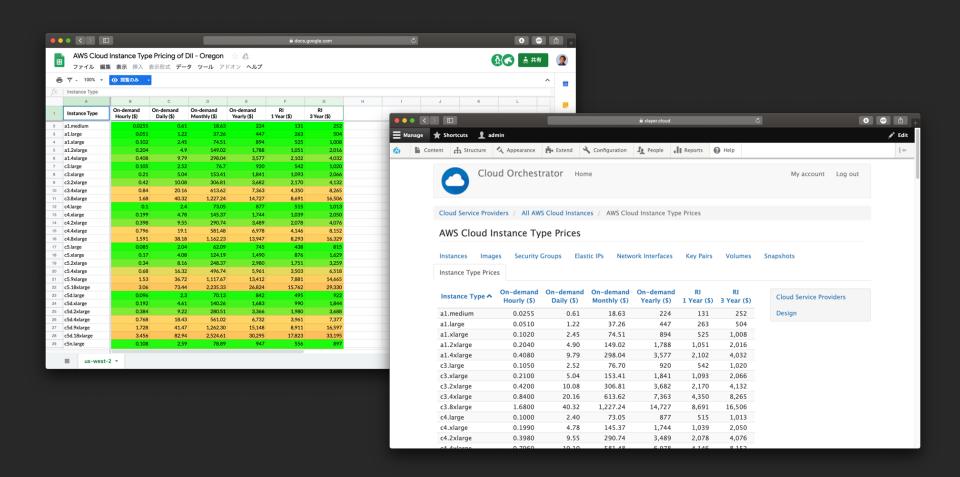


#### Cost-aware Features (1/2)





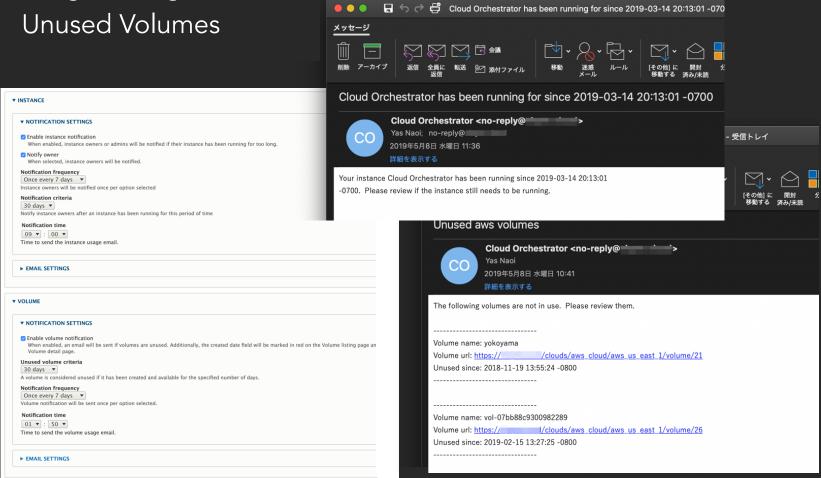
#### Cost-aware Features (2/2)





#### **Notifications**

- Long-running Instance





# Thank you!

"Coming together is a beginning, keeping together is a progress; working together is a success."

- Henry Ford