

Transitions to the Cloud

Considerations for Cyber Training and Readiness

SPEAKER: KARL GOSSETT • AUGUST 13, 2020 @ 6 P.M. PT



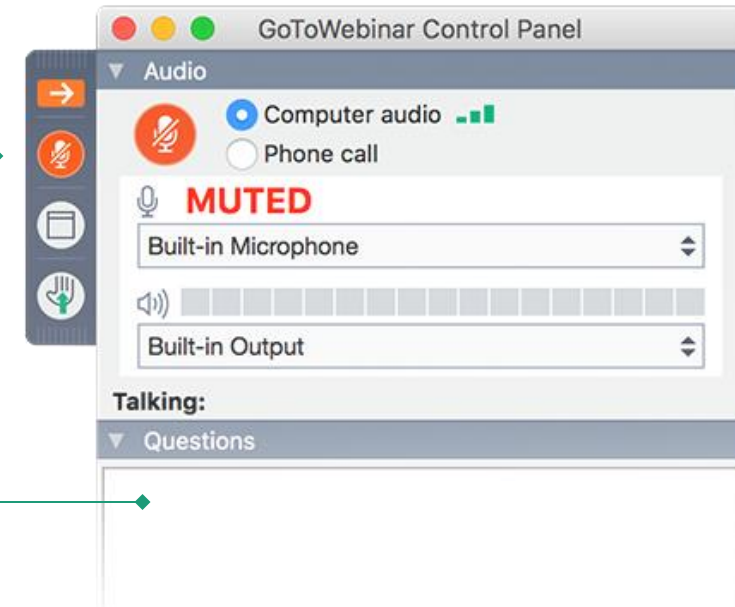
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Today's presentation is recorded and will be available on-demand within 24 hours.



Submit questions under the "Questions" section of the webinar panel.



For additional assistance, please contact Shiro Hatori at shatori@circadence.com

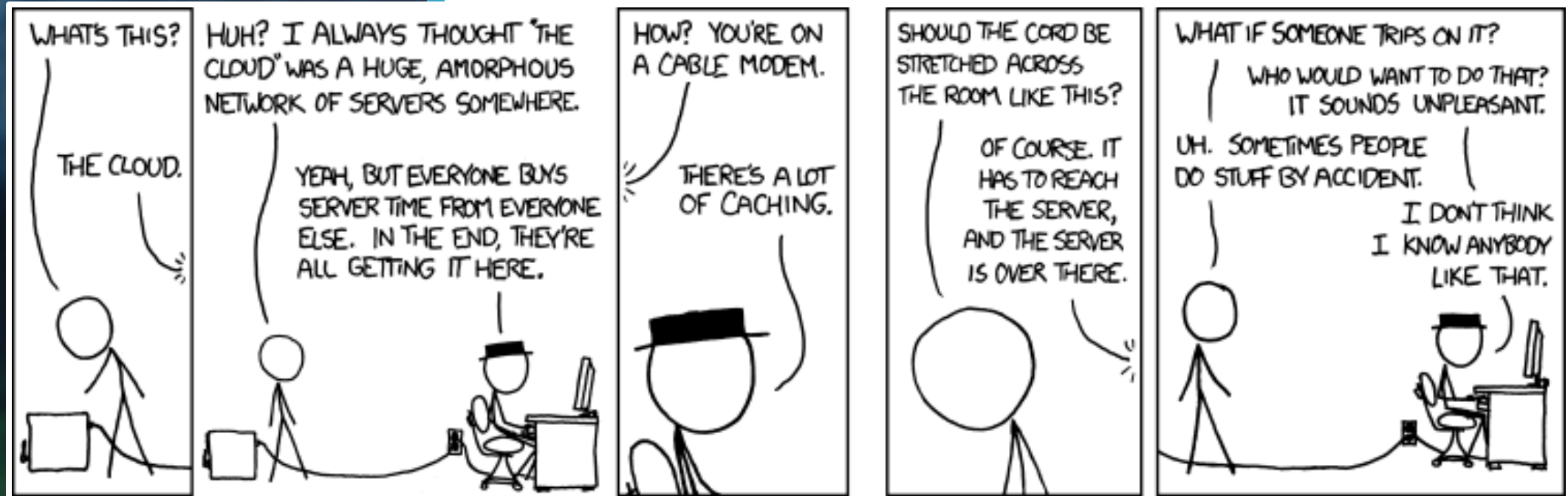


Our Speaker

Karl Gossett

VP of Content Development

How well do you know your cloud provider?



Some common challenges

- “Lift and Shift” transitions
- Using someone else’s infrastructure
- Dynamic architecture – easily, rapidly modified
- Landscape harder to define and manage - automation
- XaaS brings requirements for new skills
 - Programming / Automation
 - Variances in routing – Layer 2 vs Layer 3
- Technology still developing – TAPs, virtual appliances
- Misconfigurations more likely

Building cyber skills and competencies





Skill development –
added skills and
frequency



Situation based, realistic
training – more “live”
threats



Judicious employment
of new tools and
techniques

A Quick Story



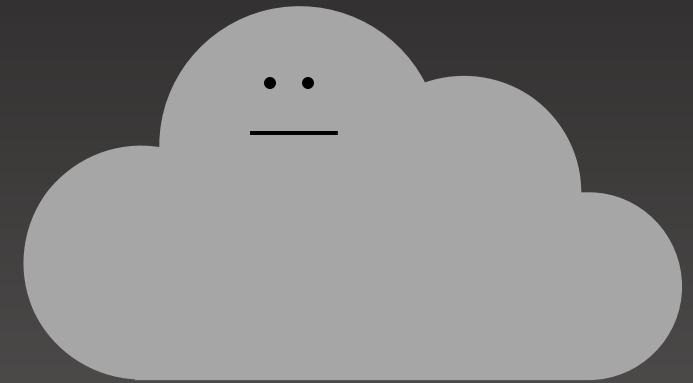
The Sunny Side to Cloud Adoption



We need to move our platform to the cloud to leverage infrastructure-as-a-service. It's going to be amazing!



The Not-So-Sunny Side to Cloud Adoption

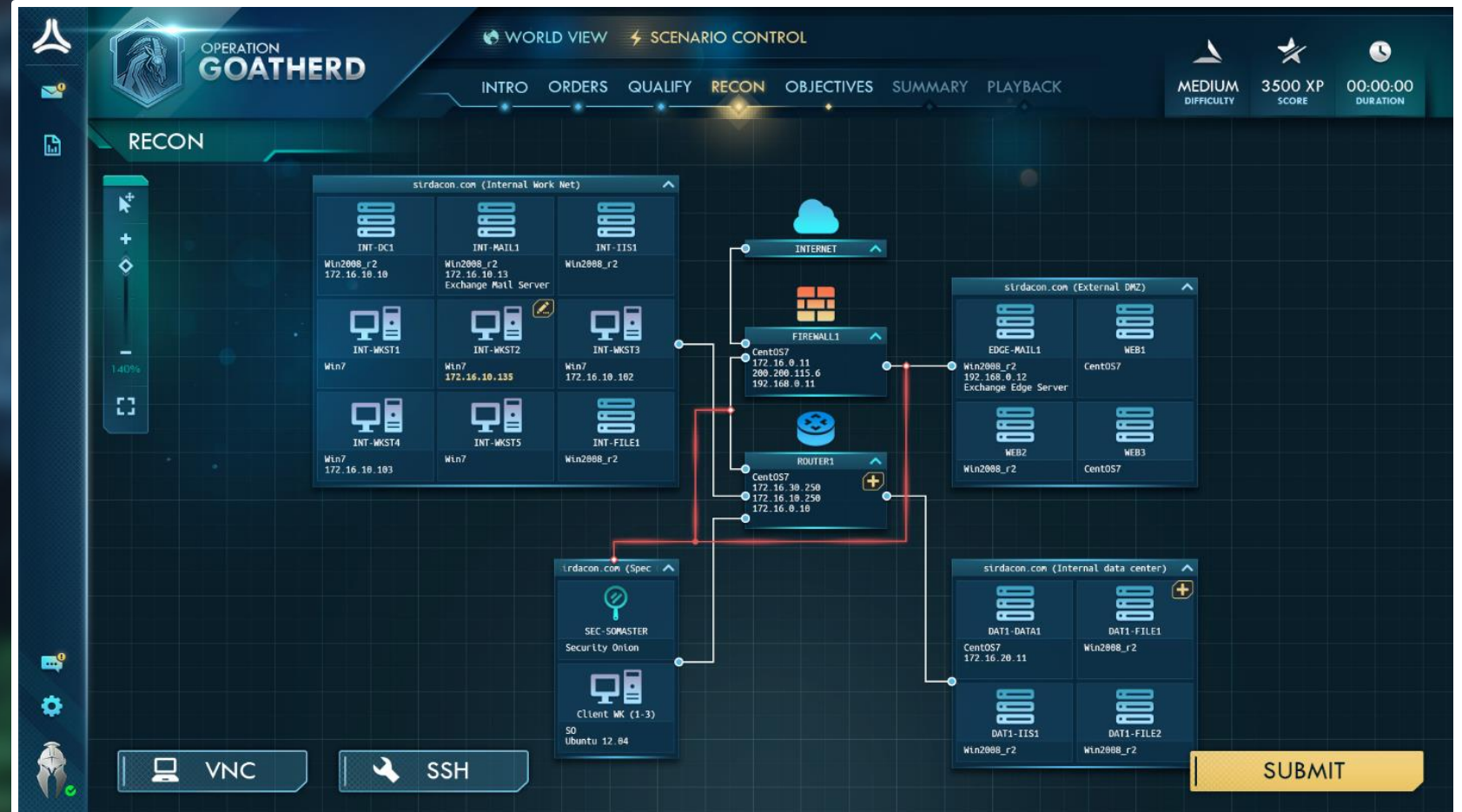


What we understood:

Blah, blah, blah, platform
Blah, blah, blah, cloud
Blah, blah, blah as a service



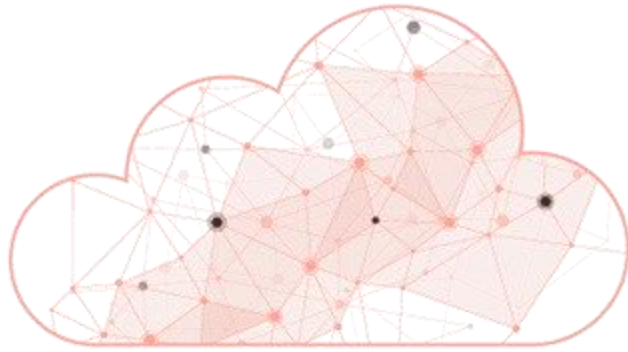
Example



Innovation in Cloud Security Training: *Into the Breach* CIRCADENCE

Shifts to the cloud amplify security challenges.

We built limit-use learning scenarios in Project Ares for Microsoft using O365 and Azure security tools.



No scalable & realistic way to teach cyber practitioners about security in the cloud.



Phishing
Defense

Privilege
Escalation

Exploiting Trusted
Relationships

Lateral
Movement

Deliver
Ransomware

Critical to train with tools designed for the flexible, dynamic cloud environment.

Interested in this idea?

We will send you a survey after this presentation so you can share your thoughts.



Karl Gossett
VP of Content Development

Questions

Thanks for Joining!