RED HAT
SUMMIT

Red Hat CloudForms with Red Hat Ansible Automation - Better together
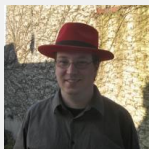
L1078

Christian Jung
EMEA Specialist Solution Architect CloudForms

Victor Estival Lopez
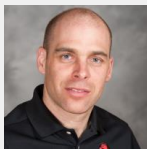Technical Marketing Engineer

About Us

Christian Jung
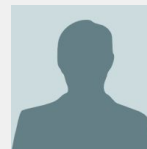EMEA Specialist Solution Architect
Germany
Start date: 2006

Victor Estival Lopez
Technical Marketing Engineer
Spain
Start date: 2015

Götz Rieger
Partner Solution Architect
Germany
Start date: 2013

Michael Lessard
Solution Architect
Canada
Start date: 2009

Fabien Dupont
Engineering
France
Start date: 2013

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CloudForms Introduction

Discover, Optimize, and Control your Hybrid IT

Red Hat's Vision:

...We believe open, hybrid technology is the future of IT. The operating system for the cloud is open source. Hybrid IT is a reality in every organization, and ultimately, open technology gives you control over today's trends and your own future. ..

- **Private:** Red Hat Virtualization, Red Hat OpenStack Platform, Red Hat OpenShift Container Platform, VMware vSphere, Microsoft SCVMM

- **Public:** Amazon EC2, Microsoft Azure, Google Compute Engine

- **Hybrid:** Any combination of the above

- **Bare Metal:** Red Hat Satellite 6

- **Configuration:** Ansible Tower, Embedded Ansible

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Features

Discover existing objects like VMs,
Instances, Clusters, Hosts, ...

Features

Collect Usage data to calculate trends and identify bottlenecks

RED HAT® CLOUDFORMS

DISCOVERY CAPACITY PLANNING REPORTING AUDITING COMPLIANCE ANALYSIS MONITORING ORCHESTRATION POLICY CHARGEBACK

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Features

Use collected data to create reports

RED HAT CLOUDFORMS

DISCOVERY   CAPACITY PLANNING   REPORTING   AUDITING COMPLIANCE   ANALYSIS   MONITORING   ORCHESTRATION   POLICY   CHARGEBACK

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Features

SmartState Analysis to enforce
Compliance

Features

Detect drift for root cause analysis

RED HAT® CLOUDFORMS

DISCOVERY | CAPACITY PLANNING | REPORTING | AUDITING COMPLIANCE | ANALYSIS | MONITORING | ORCHESTRATION | POLICY | CHARGEBACK

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Features

Monitor load of VMs, Hosts, Datastores
and Networks

Features

Provisioning and Lifecycle Automation

Features

Policies to alert and perform action for specified events

Features

Show back cost to other departments, external and instal customers

Ansible Introduction

SIMPLE

Human readable automation

No special coding skills needed

Tasks executed in order

Usable by every team

Get productive quickly

POWERFUL

App deployment

Configuration management

Workflow orchestration

Network automation

Orchestrate the app lifecycle

AGENTLESS

Agentless architecture

Uses OpenSSH & WinRM

No agents to exploit or update

Get started immediately

More efficient & more secure

CENTRAL

Central place for everyone

Overview of present and past

Create workflows, schedule jobs

Have one common view

INTEGRATION

Simple, powerful API

Uses REST for quick adoption

No special agents or lib needed

Integrate with everything
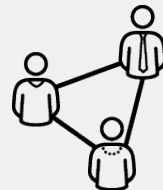
ACCESS

Teams and users enable RBAC

Deposit credentials securely

Assign access to unprivileged

Separate access and execution

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Automate the deployment and management of your entire IT footprint.

Do this...

Orchestration	Configuration Management	Application Deployment	Provisioning	Continuous Delivery	Security and Compliance

On these...

Firewalls	Load Balancers	Applications	Containers	Clouds
Servers	Infrastructure	Storage	Network Devices	**And more...**
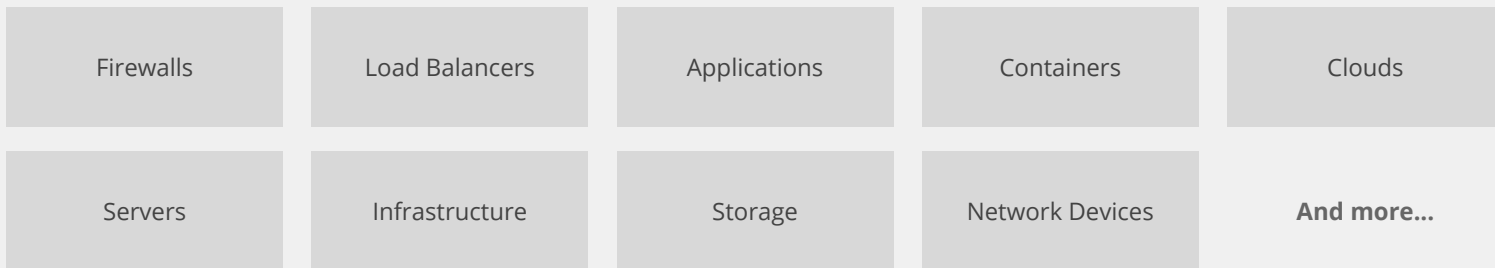
Access the Lab

Access your Lab

Each attendee will get their **own cloud-based lab** environment.

Each attendee needs a **unique identifier** (GUID)

Get the GUID:

- Bring up the **homepage** on your browser
- Choose Lab: **L1078**
- Activation Key: **better**
- Click **Next**
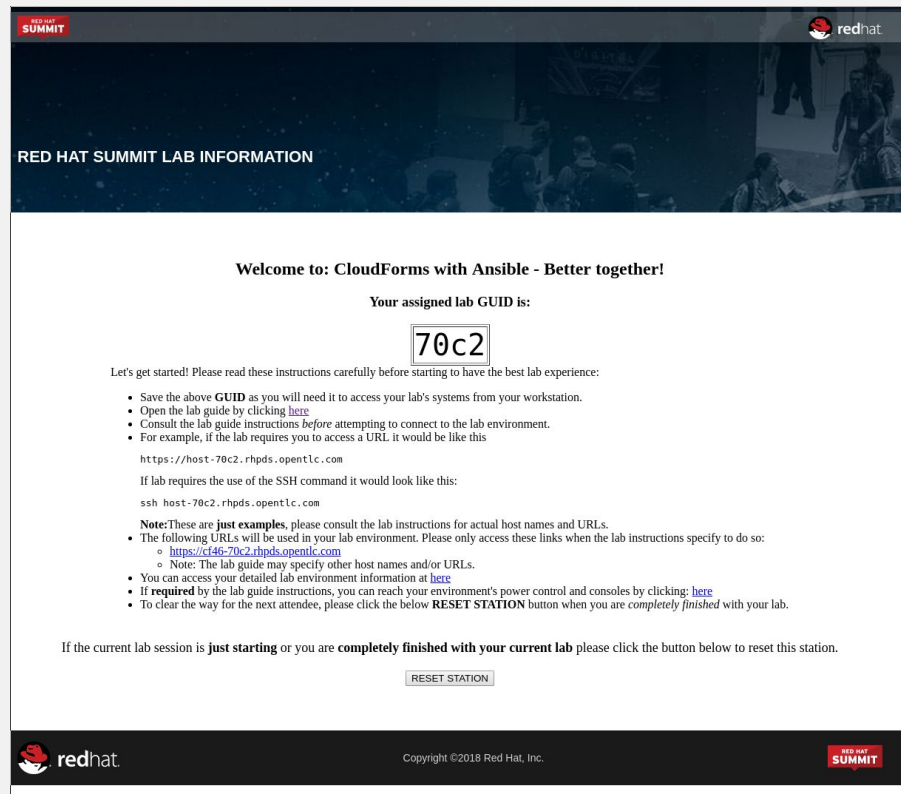
Access your Lab

On the next page you **get your locked GUID, keep it at hand**

Access the Lab Guide:

the link in the **info page:**

"Open the lab guide by clicking here"

Follow the lab guide

Summary

- Choose lab: **L1078**
- Activation key: **self**
- Get **GUID**
- Access Lab Guide:
  "Open the lab guide by clicking here"
- **Follow the guide and start your lab!**

Password is always: r3dh4t1!

AUTOMATION & MANAGEMENT

Come see us in the Red Hat booth in the Ecosystem Expo.

RED HAT®
SATELLITE

RED HAT®
CLOUDFORMS

RED HAT®
INSIGHTS

RED HAT®
ANSIBLE®
Automation

+ 'Management - What's New'
New products under development

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Don't miss these automation and management sessions coming up this week

MAY 8
10:30-11:15AM
Smarter Infrastructure Management with
Red Hat Satellite and Red Hat Insights

10:30-11:15AM
The Automation Journey:
Red Hat Management

4:30-5:15PM
How Walmart Uses Systems Management
Tools to Manage Its Massive IT Operation
at Scale

MAY 9
11:45AM-12:30PM
Red Hat Management Roadmap and Strategy

MAY 10
11:15AM - 12:00PM
Automating Day Two Red Hat OpenShift
Operations with Ansible

1:00-1:45PM
Transforming IT Ops:
The Future of IT Automation and Management

2:00-2:45PM
Giving Power to the People with Ansible at
General Mills

FINAL TASK:

FILL IN EVALUATION FORM IN RED HAT SUMMIT APP, DO IT NOW!

Red Hat CloudForms with Red Hat Ansible Automation - Better together

Christian, Victor, Götz, Michael, Fabien
2018-05-08

RED HAT SUMMIT

THANK YOU

G+ plus.google.com/+RedHat   f facebook.com/redhatinc

in linkedin.com/company/red-hat   🐦 twitter.com/RedHat

▶ youtube.com/user/RedHatVideos