



# Building a self-service portal with Red Hat CloudForms

L1077

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# About Us



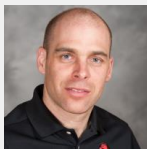
Christian Jung  
EMEA Specialist Solution Architect  
Germany  
Start date: 2006



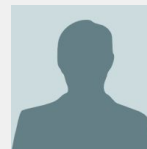
Victor Estival Lopez  
Technical Marketing Engineer  
Spain  
Start date: 2015



Götz Rieger  
Partner Solution Architect  
Germany  
Start date: 2013



Michael Lessard  
Solution Architect  
Canada  
Start date: 2009



Fabien Dupont  
Engineering  
France  
Start date: 2013

# 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

# Features

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

**RED HAT**  
**CLOUDFORMS**



DISCOVERY



CAPACITY  
PLANNING



REPORTING



AUDITING  
COMPLIANCE



ANALYSIS



MONITORING



ORCHESTRATION



POLICY



CHARGEBACK

# Features

Collect Usage data to calculate trends  
and identify bottlenecks

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**CLOUDFORMS**



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# Features

Use collected data to create reports



# Features

SmartState Analysis to enforce Compliance

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# Features

Detect drift for root cause analysis

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# Features

Monitor load of VMs, Hosts, Datastores  
and Networks

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# Features

Provisioning and Lifecycle Automation

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POLICY



CHARGEBACK

# Features

Policies to alert and perform action for  
specific events



# Features

Show back cost to other departments,  
external and instal customers



# 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: **L1077**
- Activation Key: **self**
- Click **Next**

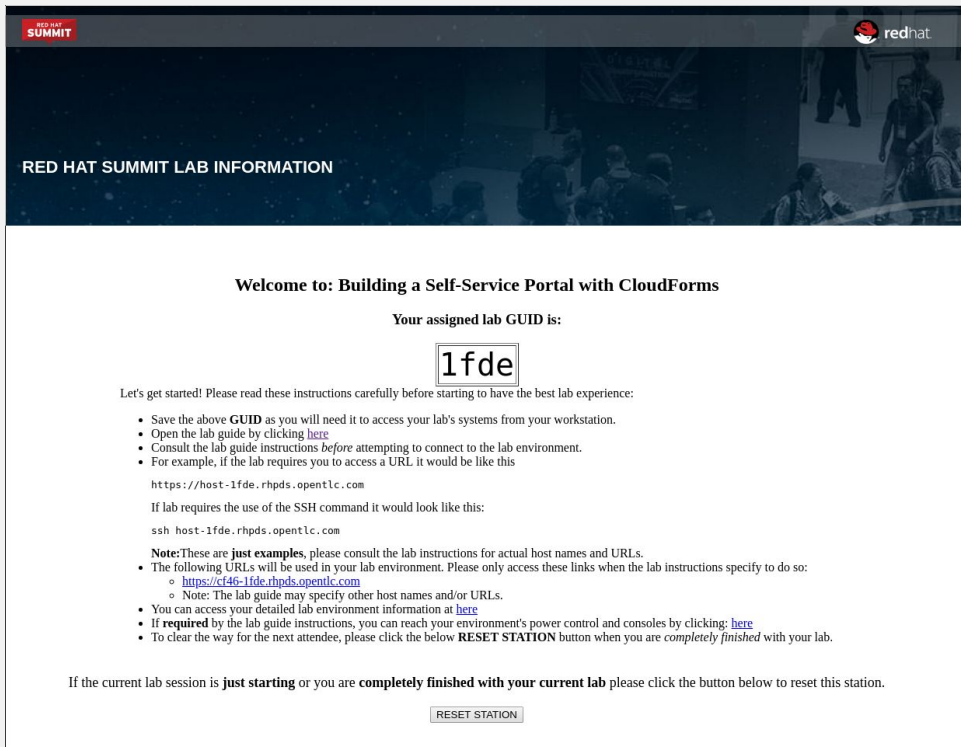
# Access your Lab

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



The screenshot shows the 'RED HAT SUMMIT LAB INFORMATION' page. At the top, there's a header with 'RED HAT SUMMIT' and the Red Hat logo. Below the header, the main title is 'RED HAT SUMMIT LAB INFORMATION'. The content area starts with a welcome message: 'Welcome to: Building a Self-Service Portal with CloudForms'. It then states 'Your assigned lab GUID is:' followed by a box containing the GUID '1fde'. Below this, it says 'Let's get started! Please read these instructions carefully before starting to have the best lab experience:'. There are three bullet points: 'Save the above GUID as you will need it to access your lab's systems from your workstation.', 'Open the lab guide by clicking [here](#).', and 'Consult the lab guide instructions before attempting to connect to the lab environment.' It then provides an example URL: 'https://host-1fde.rhpdn.opentlc.com'. Below that, it says 'If lab requires the use of the SSH command it would look like this:' followed by the command 'ssh host-1fde.rhpdn.opentlc.com'. A 'Note' follows, stating 'These are just examples, please consult the lab instructions for actual host names and URLs.' There are two more bullet points: 'The following URLs will be used in your lab environment. Please only access these links when the lab instructions specify to do so:' with a sub-bullet pointing to 'https://cf46-1fde.rhpdn.opentlc.com', and 'You can access your detailed lab environment information at [here](#).' The final bullet point says 'If required by the lab guide instructions, you can reach your environment's power control and consoles by clicking: [here](#).' and 'To clear the way for the next attendee, please click the below RESET STATION button when you are completely finished with your lab.' At the bottom, it says 'If the current lab session is just starting or you are completely finished with your current lab please click the button below to reset this station.' and there is a 'RESET STATION' button.

RED HAT SUMMIT

redhat

## RED HAT SUMMIT LAB INFORMATION

Welcome to: Building a Self-Service Portal with CloudForms

Your assigned lab GUID is:

1fde

Let's get started! Please read these instructions carefully before starting to have the best lab experience:

- Save the above GUID as you will need it to access your lab's systems from your workstation.
- Open the lab guide by clicking [here](#).
- Consult the lab guide instructions before attempting to connect to the lab environment.

For example, if the lab requires you to access a URL it would be like this

`https://host-1fde.rhpdn.opentlc.com`

If lab requires the use of the SSH command it would look like this:

```
ssh host-1fde.rhpdn.opentlc.com
```

**Note:** These are just examples, please consult the lab instructions for actual host names and URLs.

- The following URLs will be used in your lab environment. Please only access these links when the lab instructions specify to do so:
  - <https://cf46-1fde.rhpdn.opentlc.com>
    - Note: The lab guide may specify other host names and/or URLs.
- You can access your detailed lab environment information at [here](#).
- If required by the lab guide instructions, you can reach your environment's power control and consoles by clicking: [here](#).
- To clear the way for the next attendee, please click the below RESET STATION button when you are completely finished with your lab.

If the current lab session is just starting or you are completely finished with your current lab please click the button below to reset this station.

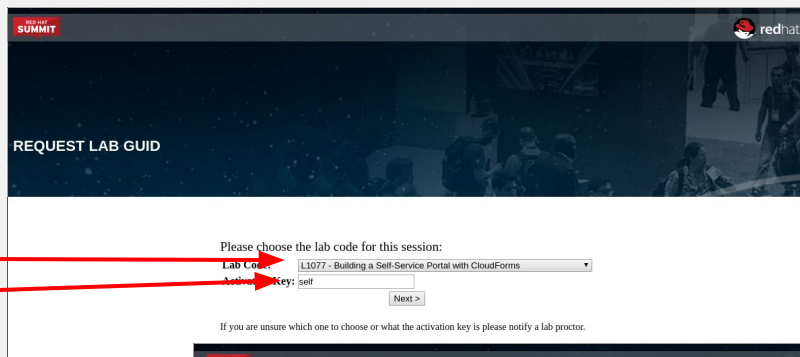
RESET STATION



# Summary

- Choose lab: **L1077**
- 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!**



RED HAT SUMMIT

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REQUEST LAB GUID

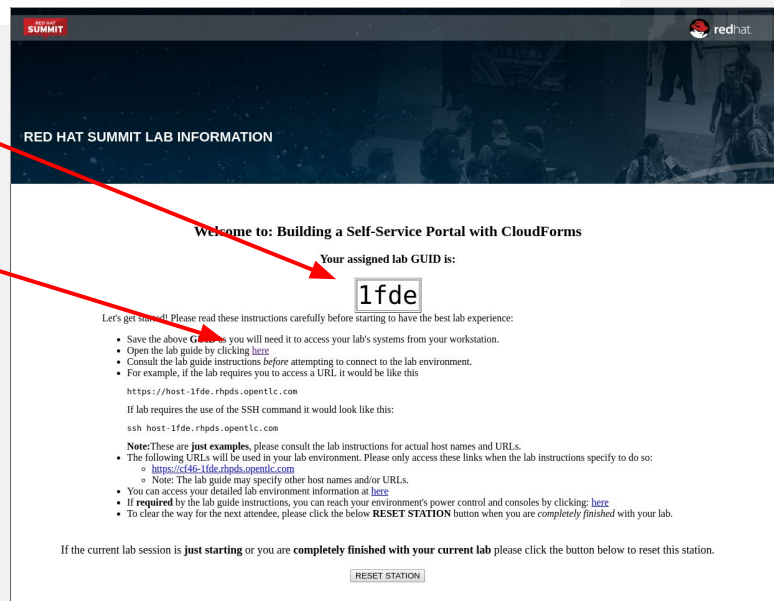
Please choose the lab code for this session:

Lab Code: **L1077 - Building a Self-Service Portal with CloudForms**

Activation Key: **self**

Next >

If you are unsure which one to choose or what the activation key is please notify a lab proctor.



RED HAT SUMMIT

redhat

RED HAT SUMMIT LAB INFORMATION

Welcome to: Building a Self-Service Portal with CloudForms

Your assigned lab GUID is:

**1fde**

Let's get started! Please read these instructions carefully before starting to have the best lab experience:

- Save the above GUIDs you will need it to access your lab's systems from your workstation.
- Open the lab guide by clicking [here](#).
- Consult the lab guide instructions before attempting to connect to the lab environment.
- For example, if the lab requires you to access a URL, it would be like this  
`https://host-1fde.rhps.opentlc.com`  
If lab requires the use of the SSH command it would look like this:  
`ssh host-1fde.rhps.opentlc.com`

**Note:** These are just examples, please consult the lab instructions for actual host names and URLs.

- The following URLs will be used in your lab environment. Please only access these links when the lab instructions specify to do so:
  - <https://cf48-1fde.rhps.opentlc.com>
    - Note: The lab guide may specify other host names and/or URLs.
- You can access your detailed lab environment information at [here](#).
- If **required** by the lab guide instructions, you can reach your environment's power control and consoles by clicking: [here](#).
- To clear the way for the next attendee, please click the below **RESET STATION** button when you are completely finished with your lab.

If the current lab session is **just starting** or you are **completely finished with your current lab** please click the button below to reset this station.

RESET STATION

# AUTOMATION & MANAGEMENT

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

**RED HAT®**  
SATELLITE

**RED HAT®**  
CLOUDFORMS

**RED HAT®**  
INSIGHTS



**‘Management -  
What’s New’**  
*New products under  
development*

# 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!

Building a self-service portal with Red Hat CloudForms

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

RED HAT  
**SUMMIT**

# THANK YOU



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