

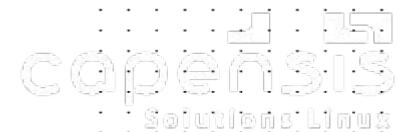
# Rundeck

by PagerDuty

Virtual Meetup: EMEA OSS Community  
11 July 2024

# Today's Agenda

- 1:00pm** - Introduction from Rundeck OSS Community Organisers
- 1:15pm** - Justyn Roberts - *Rundeck Learning from the Last 3 Years*
- 1:35pm** - Martin Van Son - *Round Table*
- 1:50pm** - Final announcements



# Today's host:



**Martin Van Son**  
EMEA Automation Lead  
PagerDuty



**Xenda Amici**  
Community Program Manager  
PagerDuty

- We have an agenda but this is intended to be **YOUR Community** and call - we're happy to go off-topic!
- **Please keep it interactive** - ask questions in the **Q&A** or make comments at any time, leave your feedback in the **post meetup survey** and receive a **special gift!** 
- Feel free to open your camera but please **keep mic off** during presentations
- This session **is being recorded** but only the individual presentations will be **uploaded to Youtube**

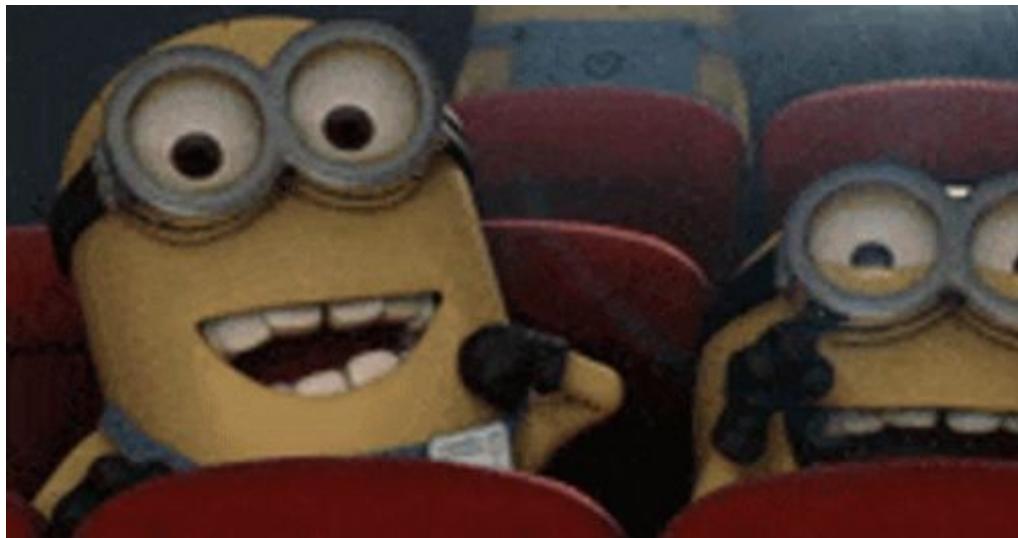


🙏 Thank you for being part of the community!

+150 Members

7 Meetups

+4,6K EMEA downloaders



🎤 ✨ BE OUR NEXT SPEAKER!  
<https://pd-csg-inno.pushbot.com/form/ilovepd>

# Today's speakers:



**Justyn Roberts**  
Sr. Solutions Consultant  
PagerDuty

3 Years in.

Rundeck  
Learnings

jroberts@pagerduty.com  
@justynroberts

A close-up of Woody's face from Toy Story, looking slightly to the right with a surprised or confused expression.

# 1. SCM, Everywhere.

## Utilise SCM Plugins

Store all Jobs as Code  
Stage Deployments  
Single source of truth

## Use Git Plugin for external code

Eg. Ansible

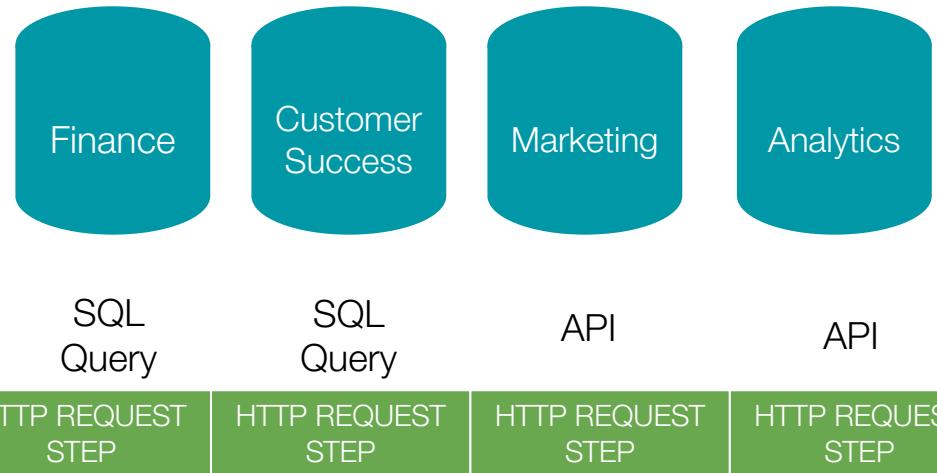
Store temporarily  
Eg \${job.id}

## Trigger Github Actions

Utilise HTTP Step  
Trigger from Job, Schedule  
Webhook  
Cool Remediation/rollback capability



## 2. Rundeck for non IT tasks



Follow execution Nodes ▾

Run Job Now ▶

User Email to Remove Justynroberts@gmail.com

### 3. Payload Transformation

Trigger >> Transform >> Post

## 4. Healthchecks



# 5. Reuse



# 6. Build a developer portal

Follow execution Nodes ▾

Run Job Now ▶

Technical Stack

- nginx
- java
- nodejs
- python
- jupyter
- golang
- docker
- minikube

Pick Environment

Machine Size

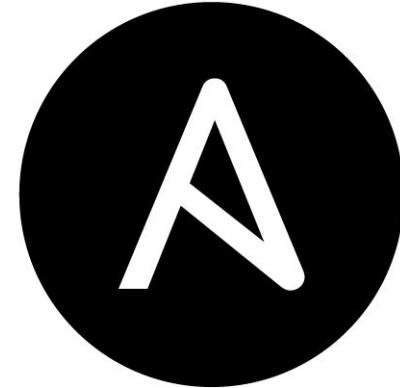
small ▾

Small ("1gb") Medium ("1gb") Large ("1gb") Extra Large ("8GB")

Deployment Cloud

Amazon ▾

## 7. Ansible



1. Trigger Ansible playbook from  
human,schedule,webhook
2. Provides a GUI for Ansible (And terraform, And Bash,  
etc)
3. You don't really have to change anything
4. Unless you want to ?

# 8. Building Plugins is EASY!



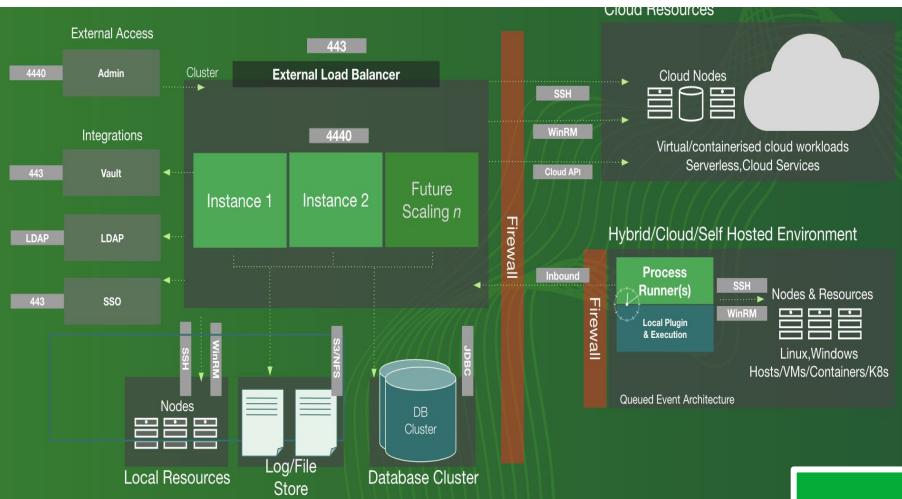
Bash

Groovy

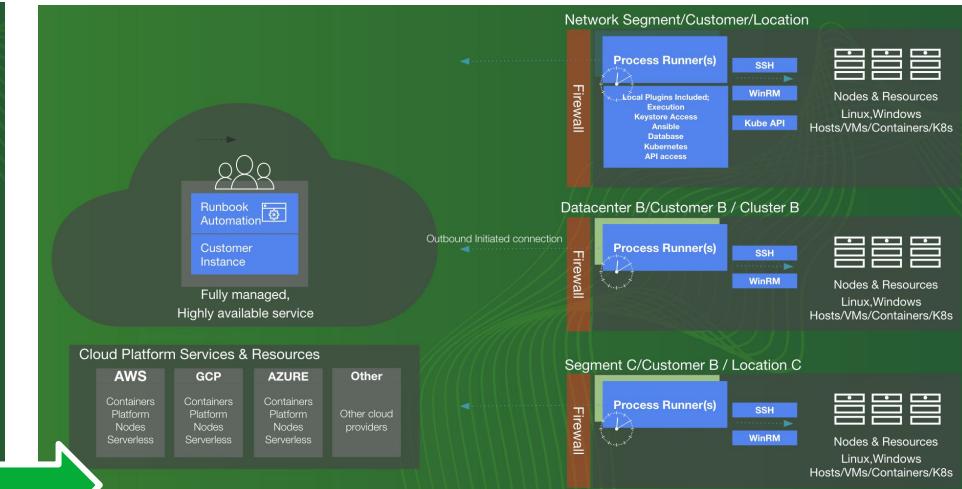
Java

Python

# 9. The answer is DOS.

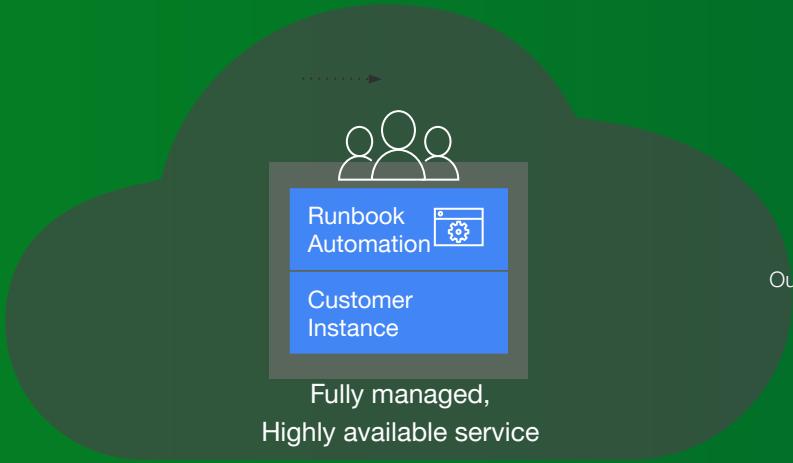


You Run it  
You plan maintenance  
You upgrade it  
You scale it  
You support it  
Free Software, with a cost of running.



We Run it  
We plan maintenance  
We upgrade it  
We scale it  
We support you  
Spend time building jobs, not running platform

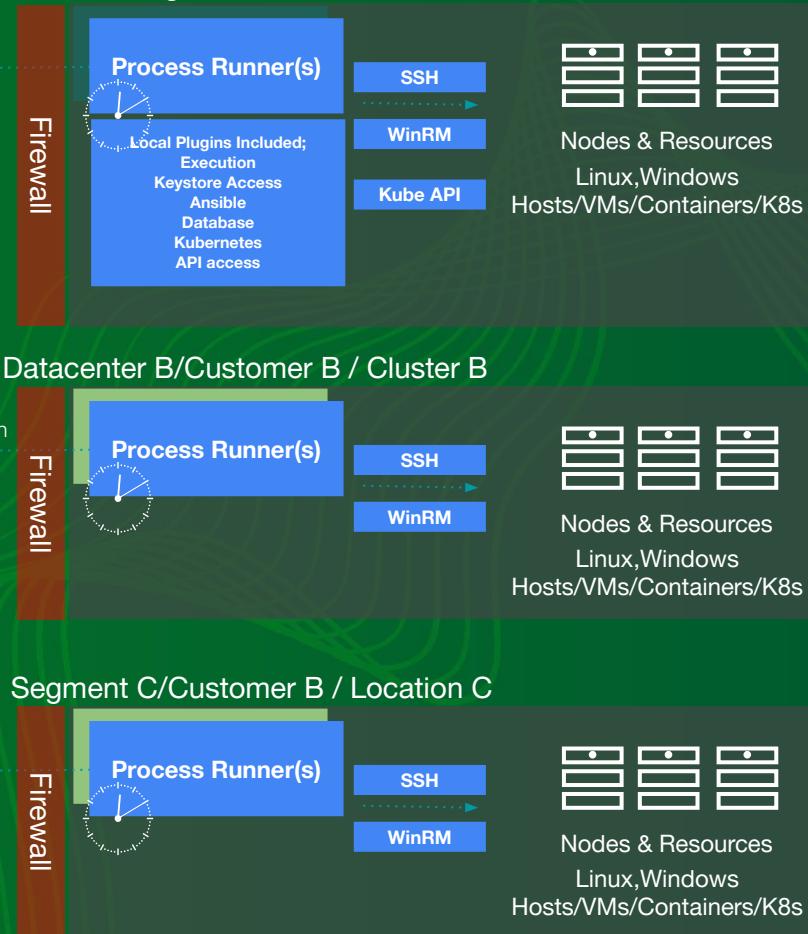
# 10. Runner Deployment



Cloud Platform Services & Resources

AWS	GCP	AZURE	Other
Containers Platform Nodes Serverless	Containers Platform Nodes Serverless	Containers Platform Nodes Serverless	Other cloud providers

Network Segment/Customer/Location



# Community Project



## GenAI Automated Documentation

Toolbox

### Job Governance

831325df-a0cc-4822-ba54-65f39bc22817

Follow execution Nodes

Server URL: https://rdse.runbook.pagerduty.cloud  
eg https://rdse.runbook.pagerduty.cloud

RBA API Key (Secure)

Stats Activity

FORECAST 0 EXECUTIONS

Options ▾

### Job Governance

Less

#### Description.

Name: Job Governance

This Automation Job checks for governance issues in Rundeck jobs by scanning for specific anti-patterns and potential security vulnerabilities in job scripts.

#### Prerequisites

- Python 3 must be installed on the system running the script.
- Ensure requests and re Python libraries are available. These can be installed using pip if not already present.

#### Options

Option Name	Description	Default Value
RUNDECK_URL	eg https://rdse.runbook.pagerduty.cloud	https://rdse.runbook.pagerduty.cloud
apikey	RBA API Key (Secure)	

#### Disclaimer

This document and the described automation job are provided "as is" without warranty of any kind, express or implied. The user assumes all risks associated with the use of this job, even if advised of the possibility of such damage.



OpenAldocumentation Public

main 1 Branch 0 Tags

Go to file Add file Code

justynroberts Main.json definition

GenAI\_Rundeck\_Documentation\_Assistant.j... Main.json definition

LICENSE Initial commit

README.md README.md

README MIT license

### GenAI Documentation Assistant for Rundeck

#### Description

The GenAI Documentation Assistant is a Rundeck job that automates the process of creating and updating documentation for Rundeck jobs using OpenAI's GPT models. This tool can significantly streamline your documentation workflow by:

<https://github.com/justynroberts/OpenAIdocumentation>

# Q&A

Ask Justyn anything... about  
Rundeck!





Rundeck  
by PagerDuty

# Where do we go from here?



# Questions?

- How do you audit user actions?
- How do you measure value?
- Why did you choose Rundeck?
- What's your development model – centralised / spoke & hub / distributed?

# Q&A

Ask the team anything... about  
Rundeck!



# Breakout Rooms

**THEME**  
Common Automation Use Cases  
What works and what doesn't?





# AWS Immersion Day

July 17, 2024 | 13:00-16:30 PM BST  
WeWork offices Moorgate



**Justyn Roberts**  
Senior Solutions  
Consultant  
PagerDuty



**Arun Nallathambi**  
Senior Partner  
Solutions Architect  
AWS



Register now → [bit.ly/3Wf7W3E](https://bit.ly/3Wf7W3E)

# PagerDuty Community

## DEMO ROUNDUPS

Live streaming

TBA, July 2024  
2pm PDT | 5pm EDT



**Sign up:** [pageerdutycommunitydemoroundups.splashthat.com/](https://pageerdutycommunitydemoroundups.splashthat.com/)



A dark blue rectangular poster for an Observability Engineering Meetup. On the left, there's a white silhouette of the London skyline. To the right of the skyline, the text reads: "Observability Engineering Meetup", "Going from 30 to 30 Million SLOs", and "Sponsored by PagerDuty". In the center is a circular profile picture of a man with glasses and a beard, identified as "ALEX PALCUIE Senior Site Reliability Engineer at Google".

**FREE meetup today in London:**

[https://www.meetup.com/observability\\_engineering/events/301637095/](https://www.meetup.com/observability_engineering/events/301637095/)

# PagerDuty Community



Keep up with all things PagerDuty!  
Learn about latest product updates, receive valuable  
content, and participate in upcoming events.

# Tell us your story!

Love PagerDuty? We're looking for customers like you!



 **PagerDuty**  
46,185 followers  
5mo • 

Meet **Chethan Premsingh**, a Service Operation and Observability Manager with over a decade of experience using PagerDuty.

Throughout his career, Chethan has witnessed the evolution of our product and leveraged the power of AIOps, Insights and APIs to optimize his Ops Team's efficiency.

When looking for support, Chethan relies on our Knowledge Base, but he won't stop there. According to him, "The Ops Guides and the community forums are filled with good insights of services we can implement seamlessly."

#PagerDutyCommunity

**PagerDuty Community**

## PagerDuty Community Spotlight



**Chethan Premsingh**  
Service Operation & Observability Manager



 **PagerDuty**  
46,185 followers  
4mo • Edited • 

Say hello to **Ibukun Itimi**, an Observability Engineering Lead with extensive PagerDuty experience and the creator of the LinkedIn Learning course: "Incident Response with PagerDuty."

Press play to discover how she helps companies reach operational excellence and why PagerDuty is her go-to solution.

#PagerDutyCommunity



DREAMING IS FREE

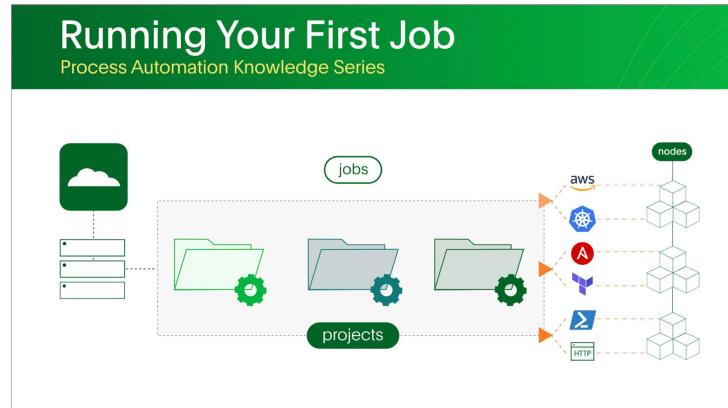
setting it up newly in one of the previous companies

**PagerDuty Community**

# PagerDuty University on-demand FREE courses!

Create a new account or log in to <https://universitypagerduty.com/?q=automation>

- Introduction to PagerDuty Process Automation - 30 min
- Running Your First Job - 15 min
- Calling Webhooks from PagerDuty - 25min
- Setting Up your First Runner - 15 min





PagerDuty  
Operations  
Cloud

## Transform your Operations

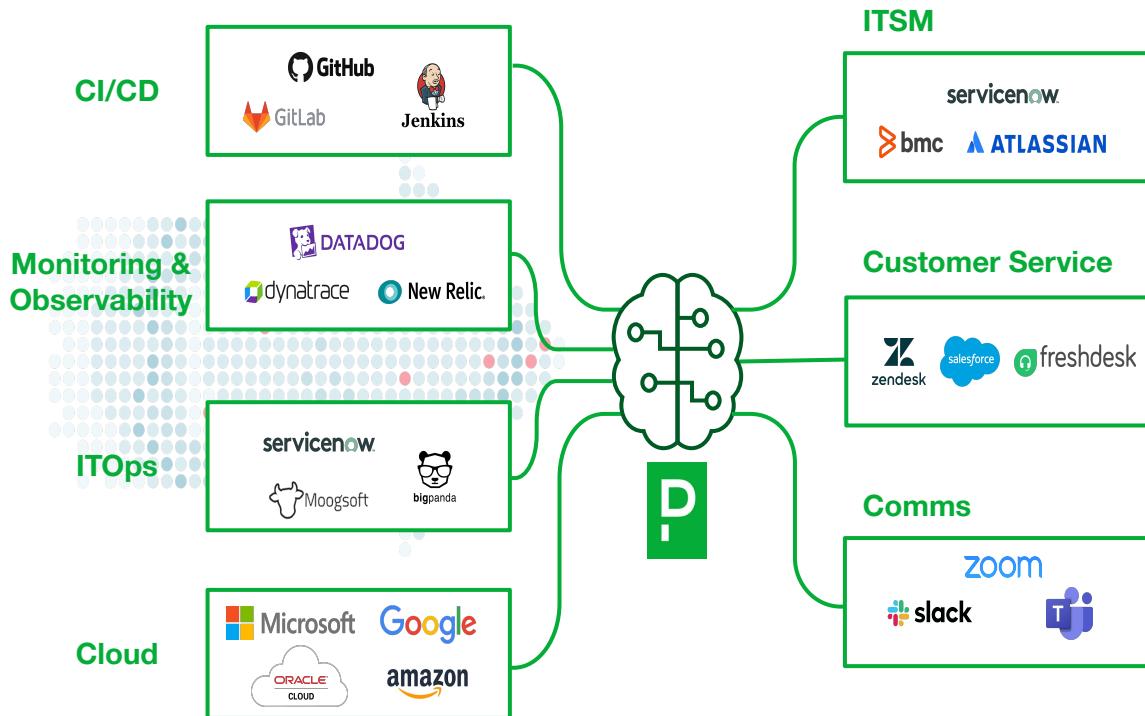
Automate critical work with the AI-powered  
operations platform.

Start a free trial



# Platform for real time operations

700+ Integrations





# Rundeck

by PagerDuty

Thanks for your participation!  
See you in the next meetup!



Join us:

PagerDuty  
**Community** 

[community.pageerduty.com](https://community.pageerduty.com)  
[meetup.com/rundeck-europe/](https://meetup.com/rundeck-europe/)