Microsoft

Microsoft Ignite

Microsoft

Make Data Protection a Partner to Your Automation Workflows

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Matt Elliott | Developer Advocate

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Tweets	NetworkBrouhaha
Codes	shamsway
Works	Developer Advocate @ Rubrik
Does	Coding, Learning, Parenting
Likes	Tech, Getting Outdoors, Live Music

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Does	Blogger, Speaker, Tech Enthusiast
Likes	Cloud Automation & Quokkas

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Agenda

The Rubrik Difference

Integration Examples and Use Cases

Demos

Rubrik Build

The Rubrik Difference

The difference with Rubrik is it's open, easy to use, and extensible

Full-featured APIs

Built API-first with a web UI that consumes its own APIs.

All functionality is exposed over REST, so you can easily integrate or build on top of Rubrik.

User-friendly Resources

Get started immediately without any REST API knowledge.

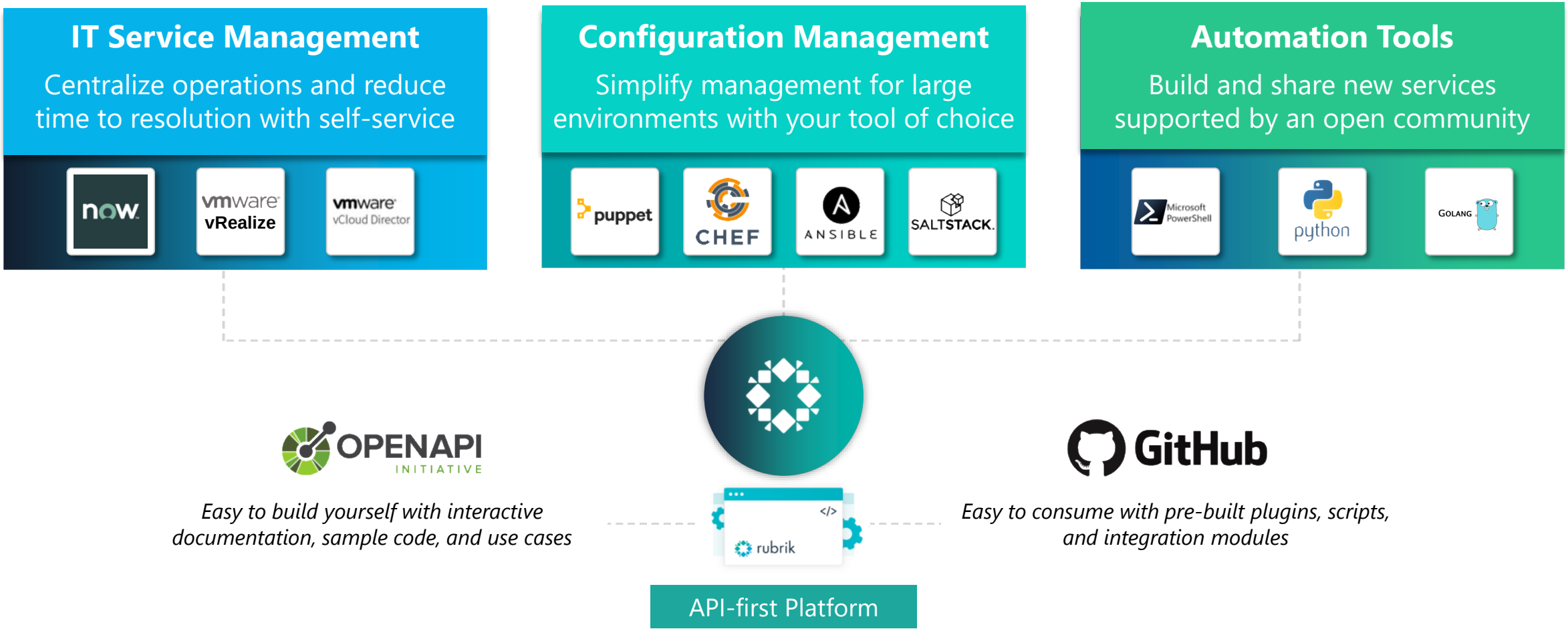
Easy to access and learn with interactive documentation, sample code, and example use cases.

Pre-built Integrations

Integrate with your existing tools or extend to any third party provider.

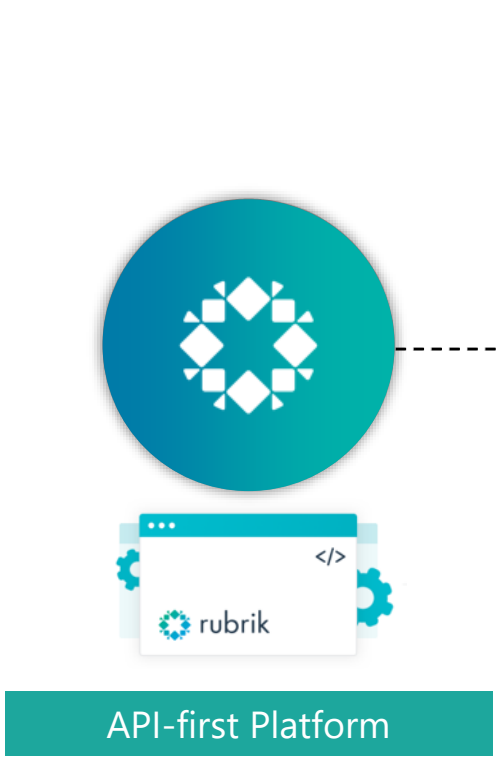
Easy to consume with pre-built integrations that are supported by our core engineering team.

It’s easy to integrate or build whatever you want with an API-first platform



Integration Examples and Use Cases

How our customers use our API-first platform



Integrate data protection with IT automation suites

Simplify large deployments via configuration management

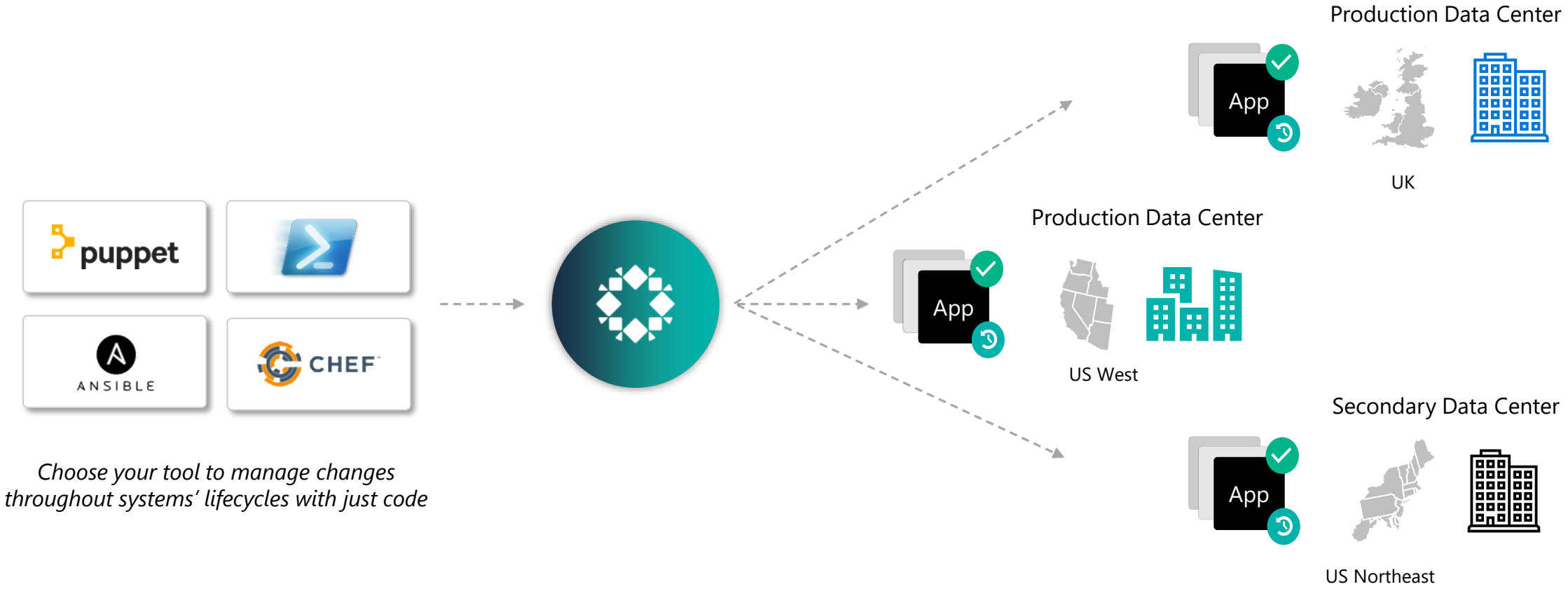
Centralize monitoring and reporting from existing UI

Automate IT processes and operations at scale

Build new services on top of Rubrik using language of choice

Easily manage large-scale environments using your tool of choice

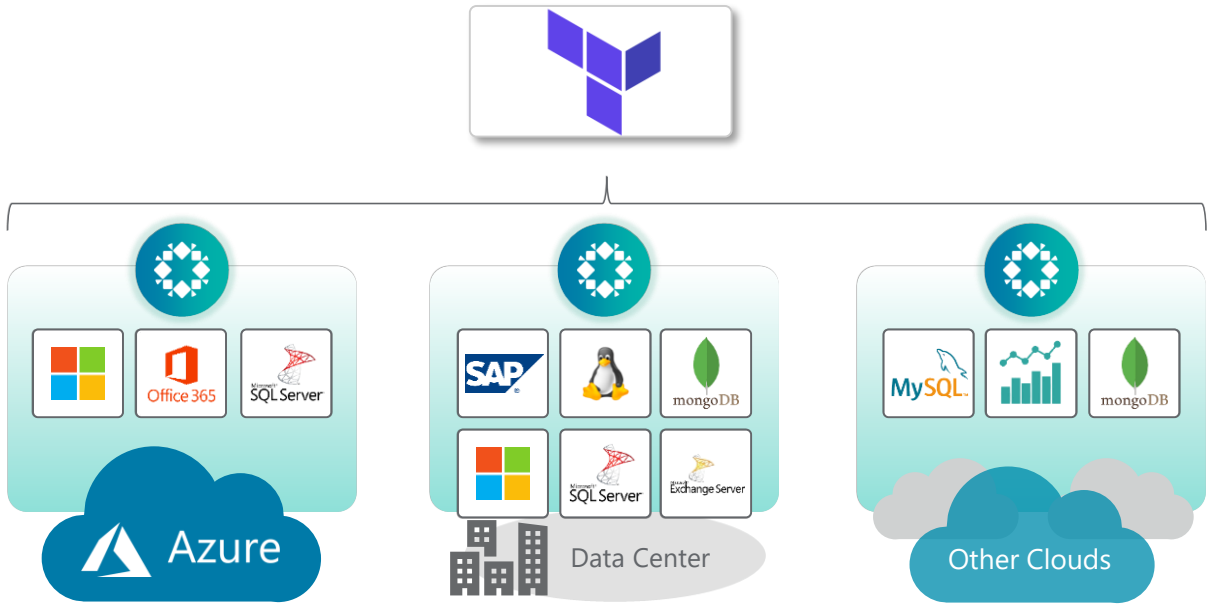
Enable your DevOps team to automate mundane, repetitive tasks using their preferred tool – especially to help simplify management of large, distributed environments.



Choose your tool to manage changes throughout systems' lifecycles with just code

Automate IT processes and operations at scale

Architect using Infrastructure as Code principles to automatically provision and protect new workloads using only a few lines of code.



Bank Increases Operational Efficiency with Rubrik

Financial Services – West Coast

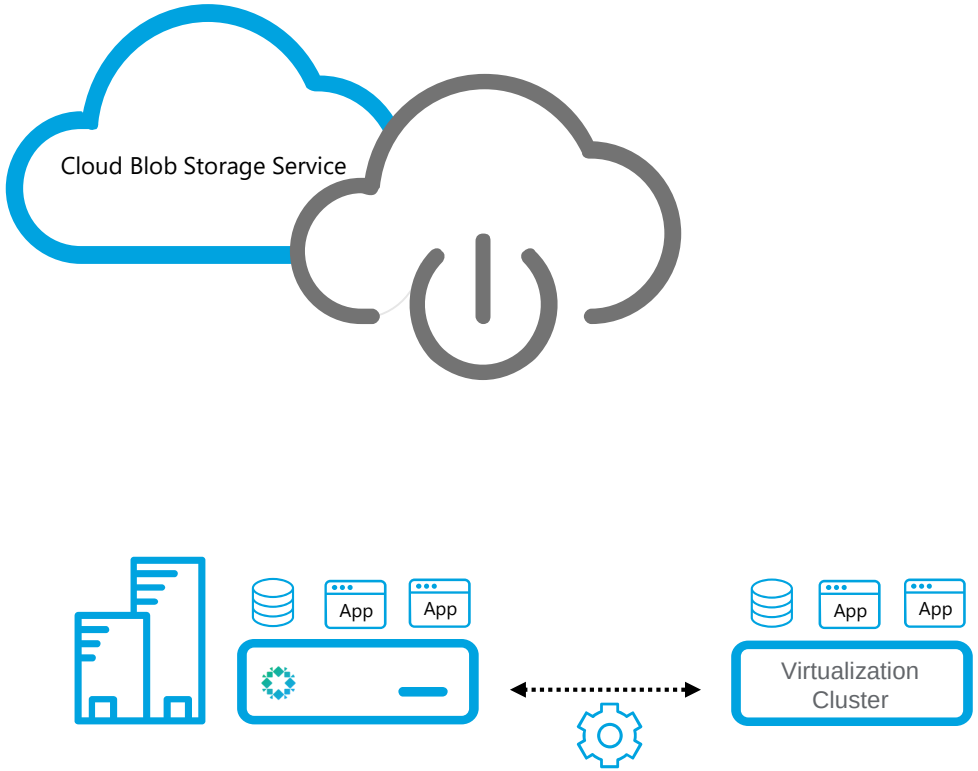
Challenge
Complex management with lack of automation

Solution
Utilize PowerShell module to automate live mounts of 25 SQL databases per hour for test and development

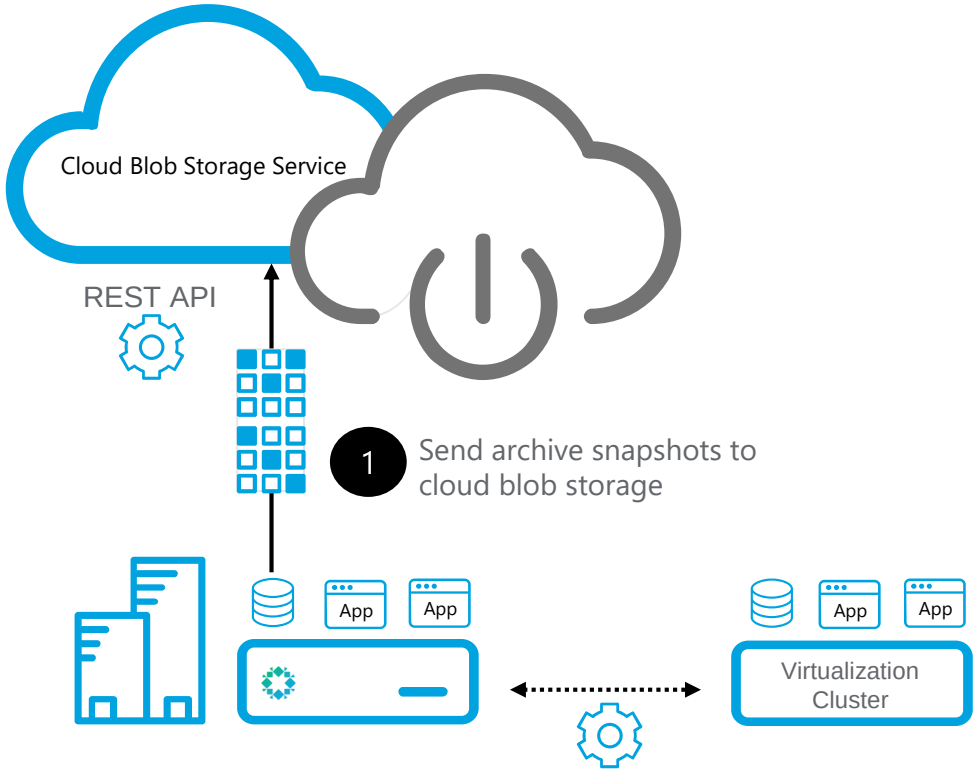
- 94% lower RTOs for SQL databases with Live Mount (30 min vs. 8 hrs)
- 64% data reduction with Rubrik's incremental-forever approach

Demo Workflow

Demo - Cloud Instantiation via CI

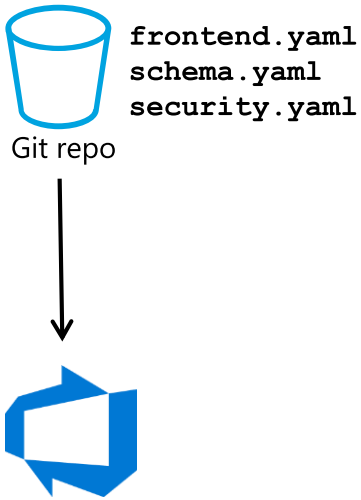


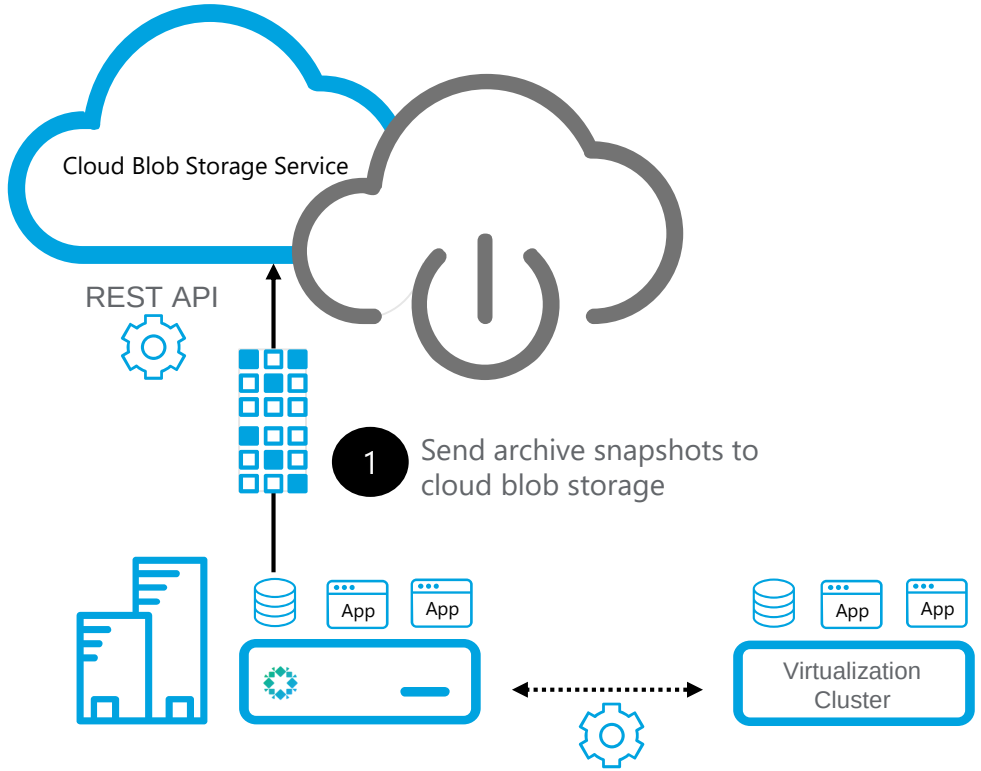
Demo - Cloud Instantiation via CI



Demo - Cloud Instantiation via CI

2 Config change initiates CI Pipeline





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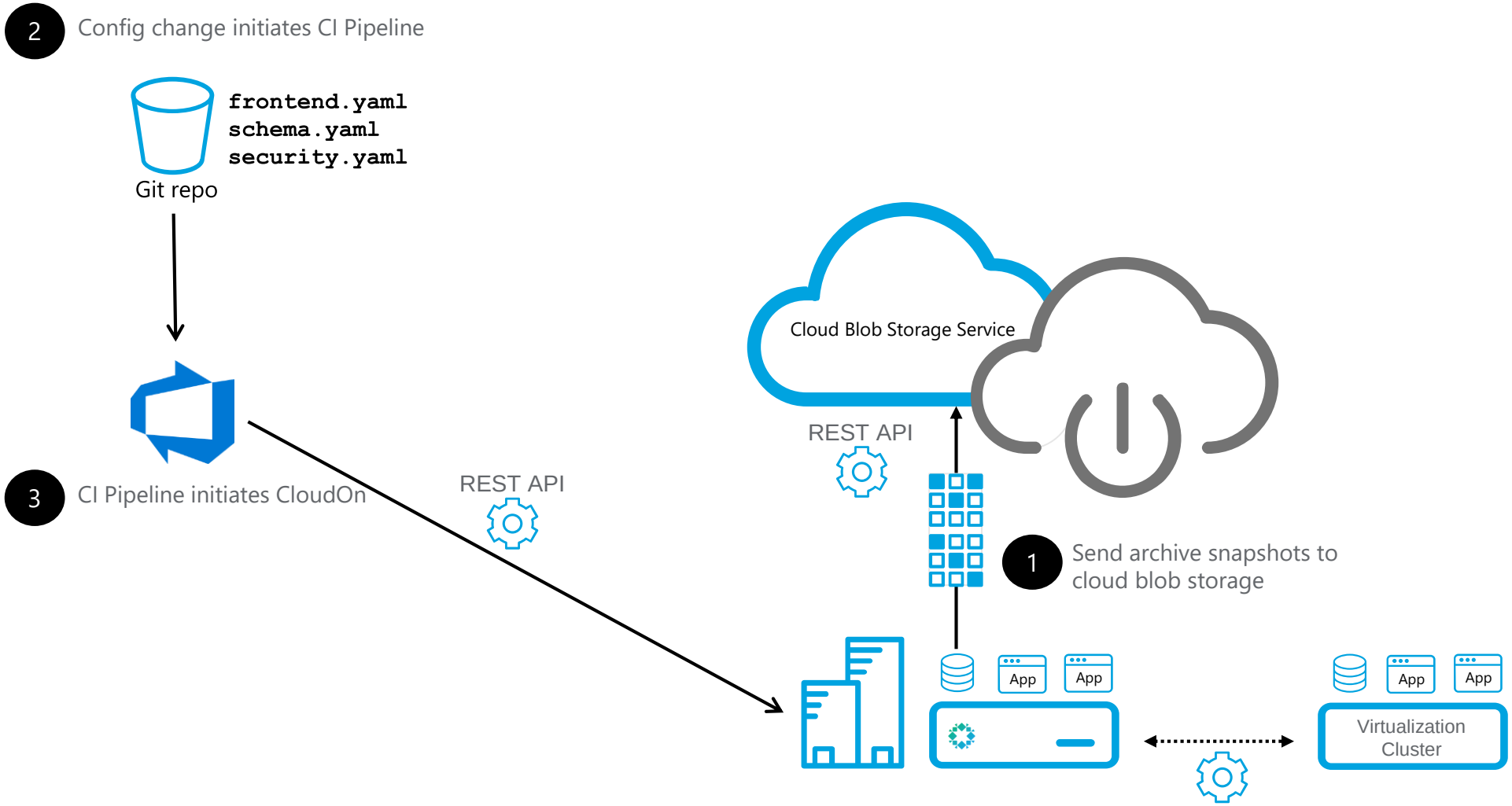

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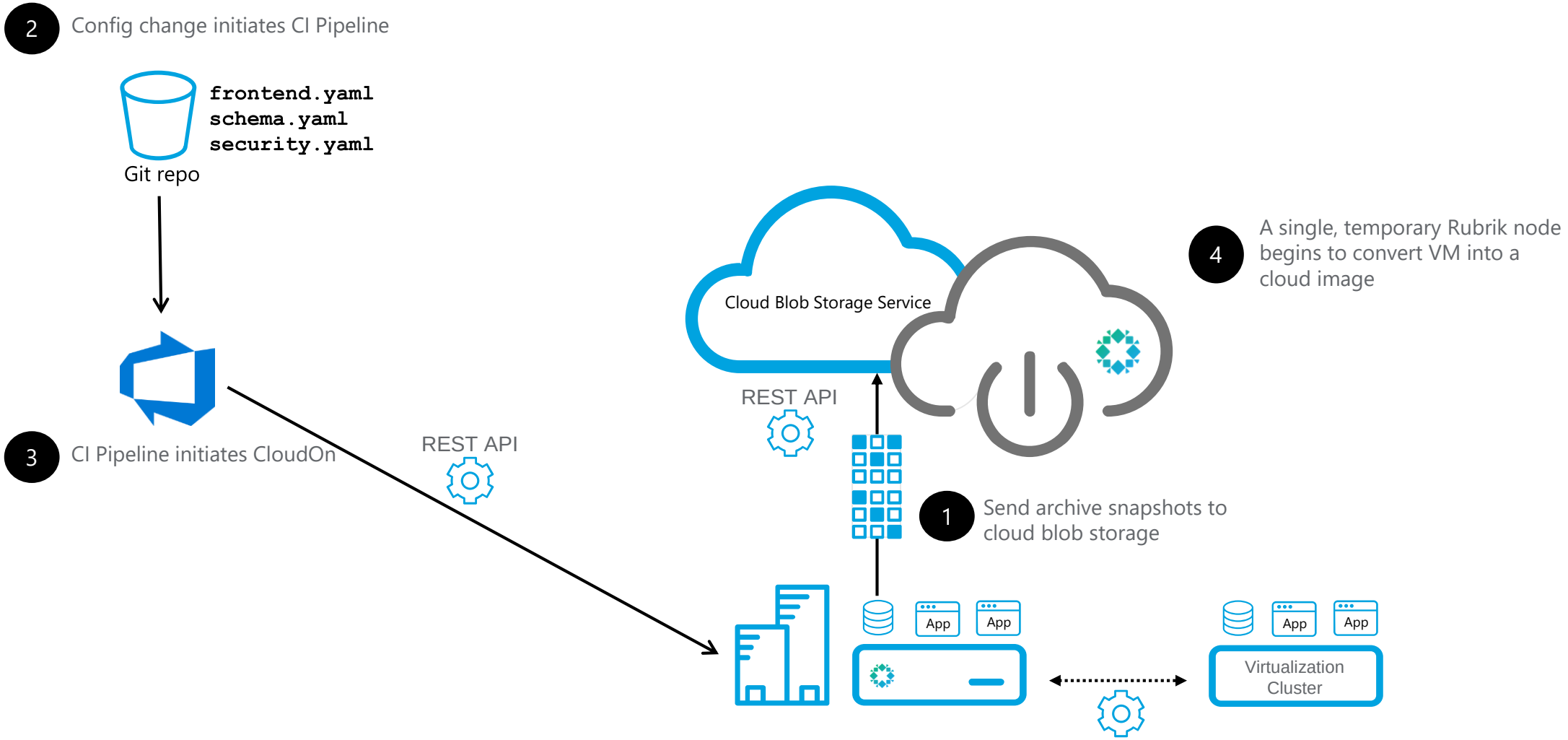

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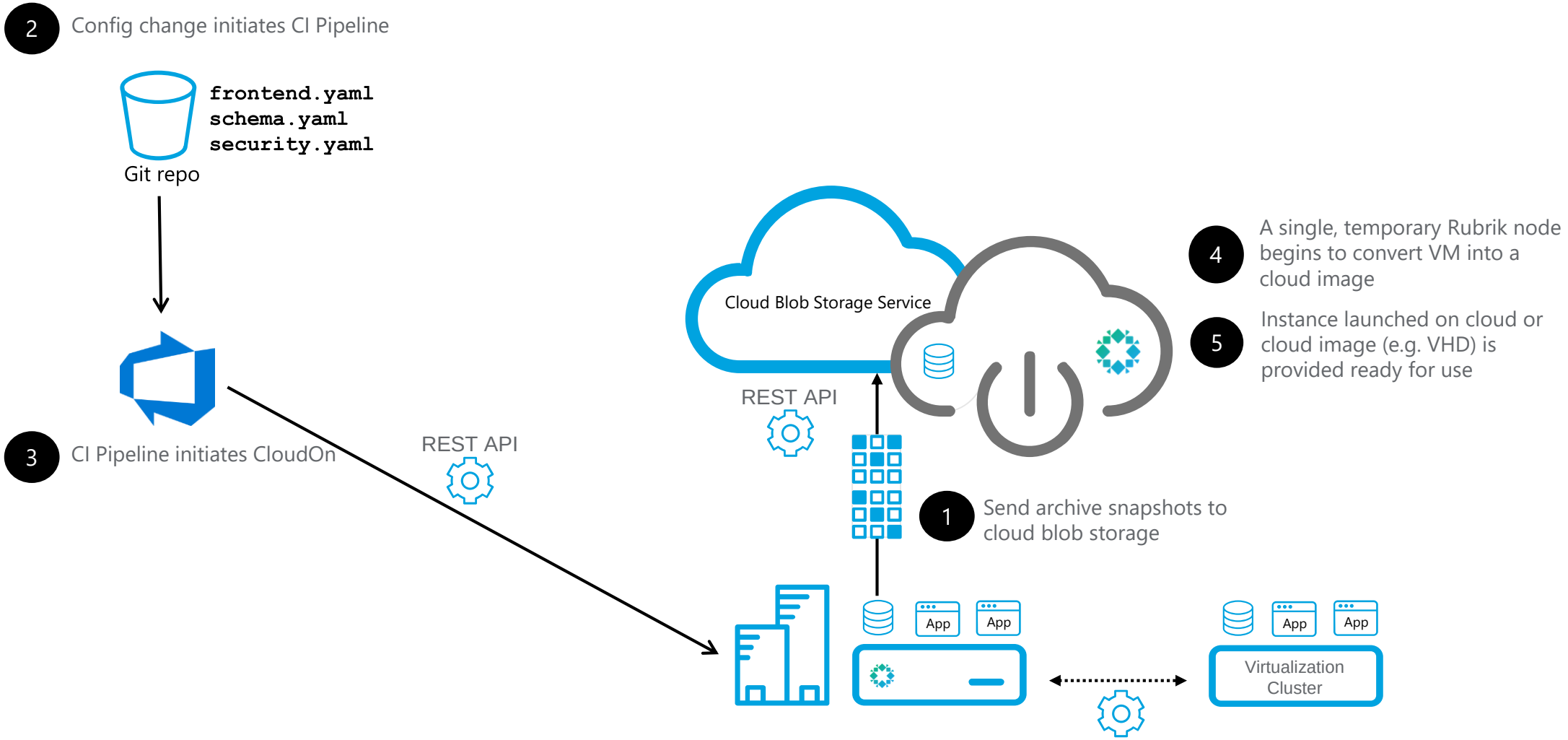

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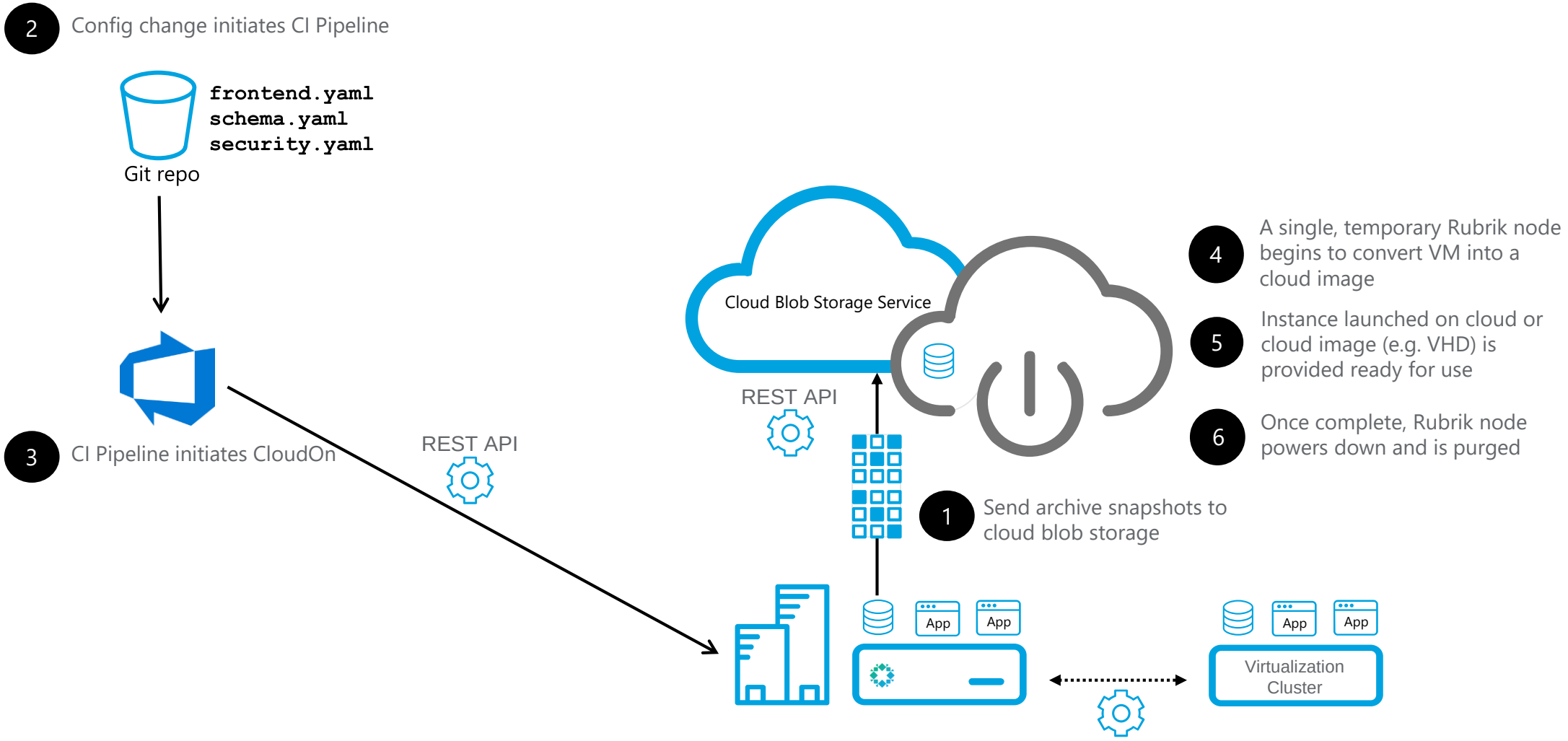

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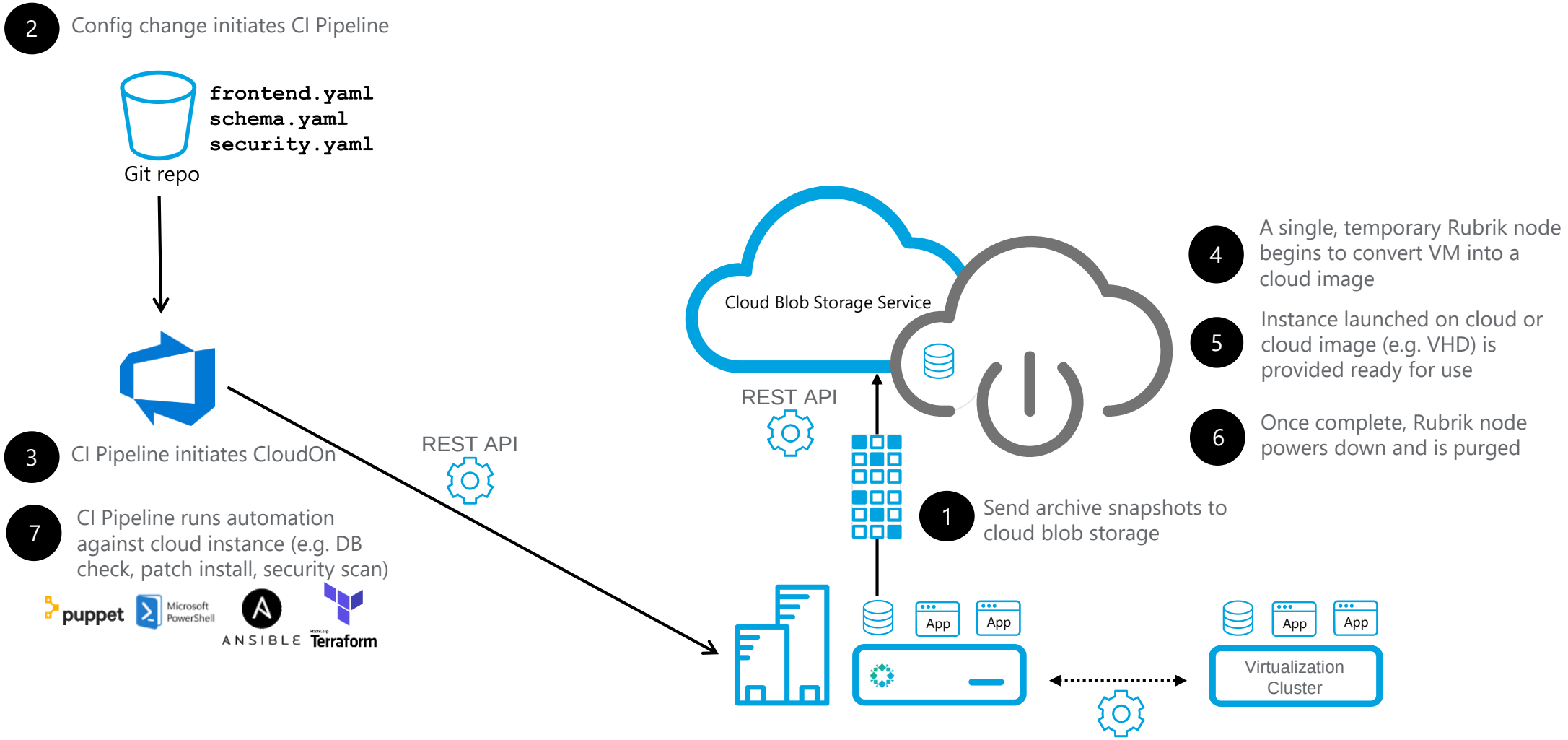
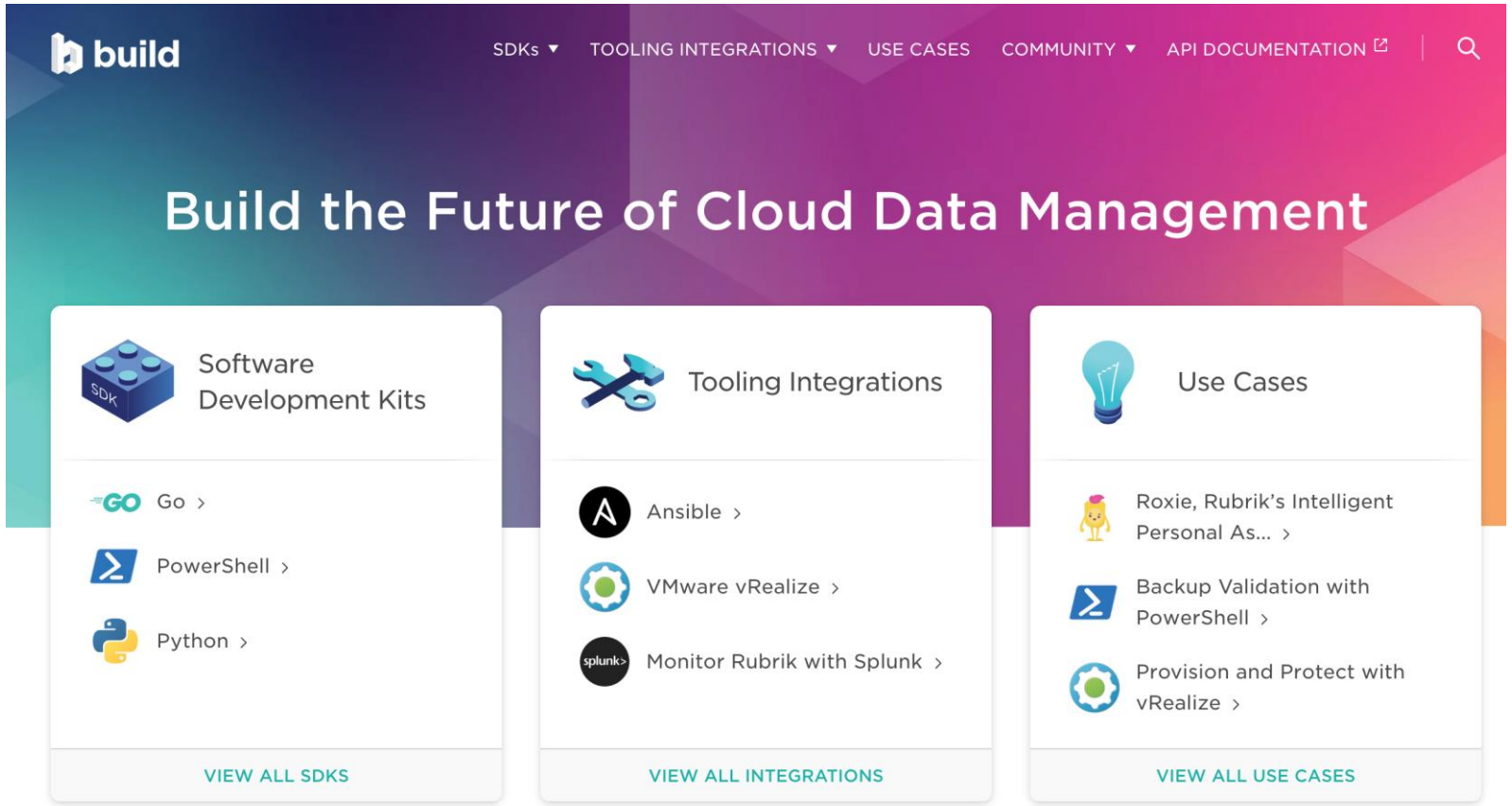


Demo

https://github.com/jaapbrasser/rubrik-ignite-2019

Rubrik Build

Welcome to Rubrik Build



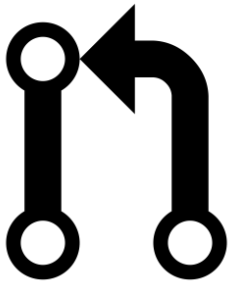
build.rubrik.com

First Steps

Rubrik Build projects are friendly and inclusive – get started contributing today!

Contributor Guidelines

Familiarize yourself with the Contributor Guidelines and Code of Conduct



Pull Requests

Get started contributing to projects by submitting new functions or tackling starter issues on GitHub.

Up For Grabs

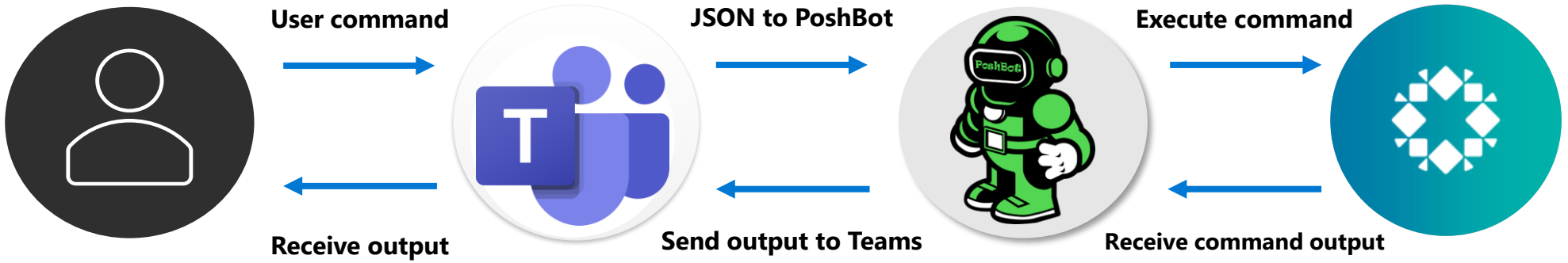
Projects have curated tasks specifically for new contributors. These are a great way to get started with a project.

As a new Rubrik customer, I wanted to be able to set some of these settings and configurations via script and found adding them to the SDK was **easier than I thought.**

https://github.com/rubrikinc/rubrik-sdk-for-powershell/pull/263

Build new services on top of Rubrik using language of choice

Construct your own integrations, such as with trouble ticketing systems or ChatOps, using the SDK for your favorite language.



Integrate data protection with your existing tools or any third-party provider

IT Service Catalogs

servicenow

vmware vRealize Automation

vmware vCloud Director

Automation Tools

puppet

ANSIBLE

Languages

Microsoft PowerShell

python

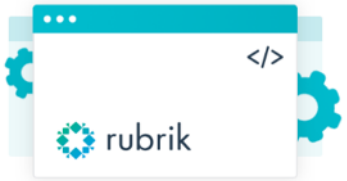
GOLANG

Cloud Management

CloudFormation

Azure Resource Manager

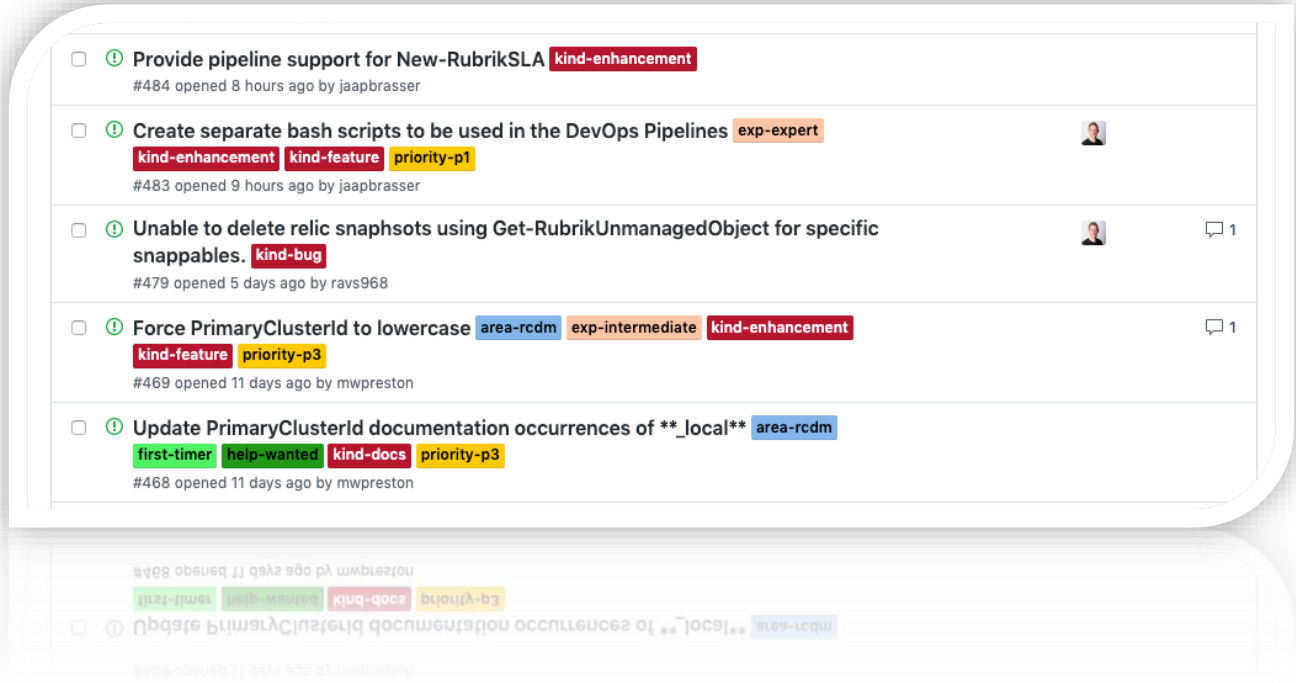
RED HAT CLOUDFORMS



Contribute Today!

Submit enhancements requests, questions, or bugs using GitHub issues.

- Rubrik Build projects have curated tasks specifically for new contributors. These are a great way to get started with a project, or help share load of work on open source projects.
- Find a project you'd like to get involved with:
  - Read the contributor guidelines for the project
  - Get the project running locally
  - Leave a message on a task you'd like to work on
  - Get to work!
- Look for issues with labels **help-wanted** or **good-first-issue**.



The use cases for a **published**, **open**, and **documented** RESTful API are *endless*.

Rubrik Build Community

Reach out to us with any questions or requests!

build.rubrik.com

github.com/rubrikinc

Join Slack team today!

- bit.ly/build-slack
- Token: `build`

build@rubrik.com

MAY 11-13, 2020

FORWARD»

CHICAGO, IL

rubrik

Conclusion

CloudOn + SQL

Conclusion

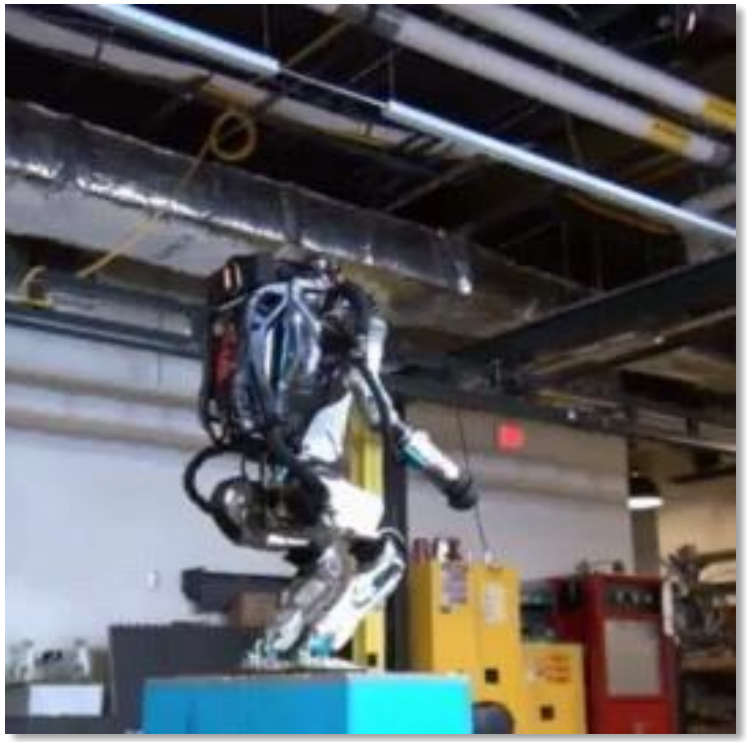
CloudOn + SQL

Integration

Conclusion

CloudOn + SQL

Integration



Automation

Visit us at **Booth 847**

Don’t Backup. Go **Forward**.

rubrik