



Orchestration from A to Z



Agenda

01

Orchestration A, B, Cs

02

Lock It Down

Agenda

03

Runtime

04

Q&A



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Dev Advocate HashiCorp



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/jacquelyne-grindrod



@gogococo



01



A, B, Cs of
Orchestration

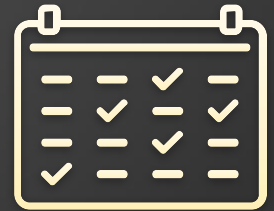
Workloads



Automation



Schedulers



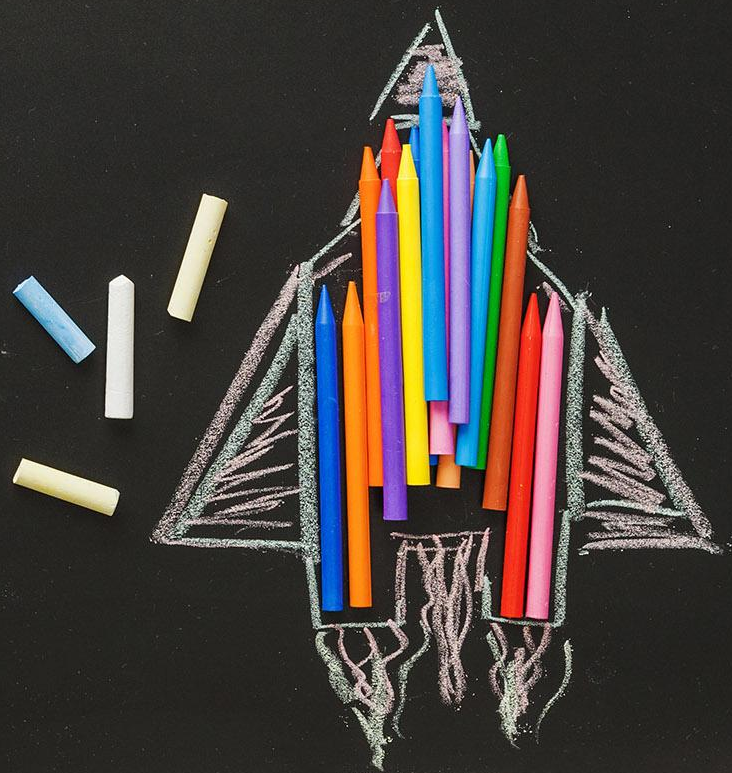
Orchestrators



Nomad



Do One
Thing
Well





K8s vs Nomad



01

How organizations leverage Nomad



Multiple orchestrators for multiple use cases

Application Type

NON-CONTAINERIZED

WINDOWS

CONTAINERIZED

Operational Overhead

SMALL BUDGET/TEAM

MEDIUM BUDGET/TEAM

HIGH BUDGET/TEAM

Environment

ON-PREM

IOT

EDGE

CLOUD

Use Case

SERVICE

BATCH

GPU

ML / AI

BIG DATA

SERVERLESS

Based on interview data from HashiCorp users and customers running self-hosted Kubernetes and do not apply to managed Kubernetes services (EKS, AKS, GKE, etc.)

02

How organizations leverage Kubernetes

Multiple orchestrators for multiple use cases



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How organizations leverage Nomad and Kubernetes



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02

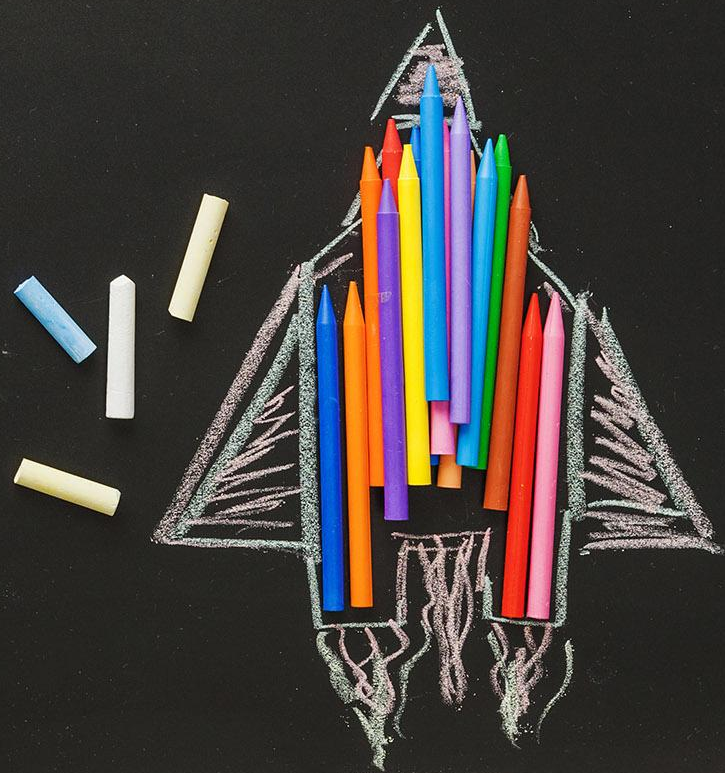


Lock It Down

Nomad Security



Defence in Depth



Top 3 Threats

External Attacks



Top 3 Threats

Supply Chain

Attacks



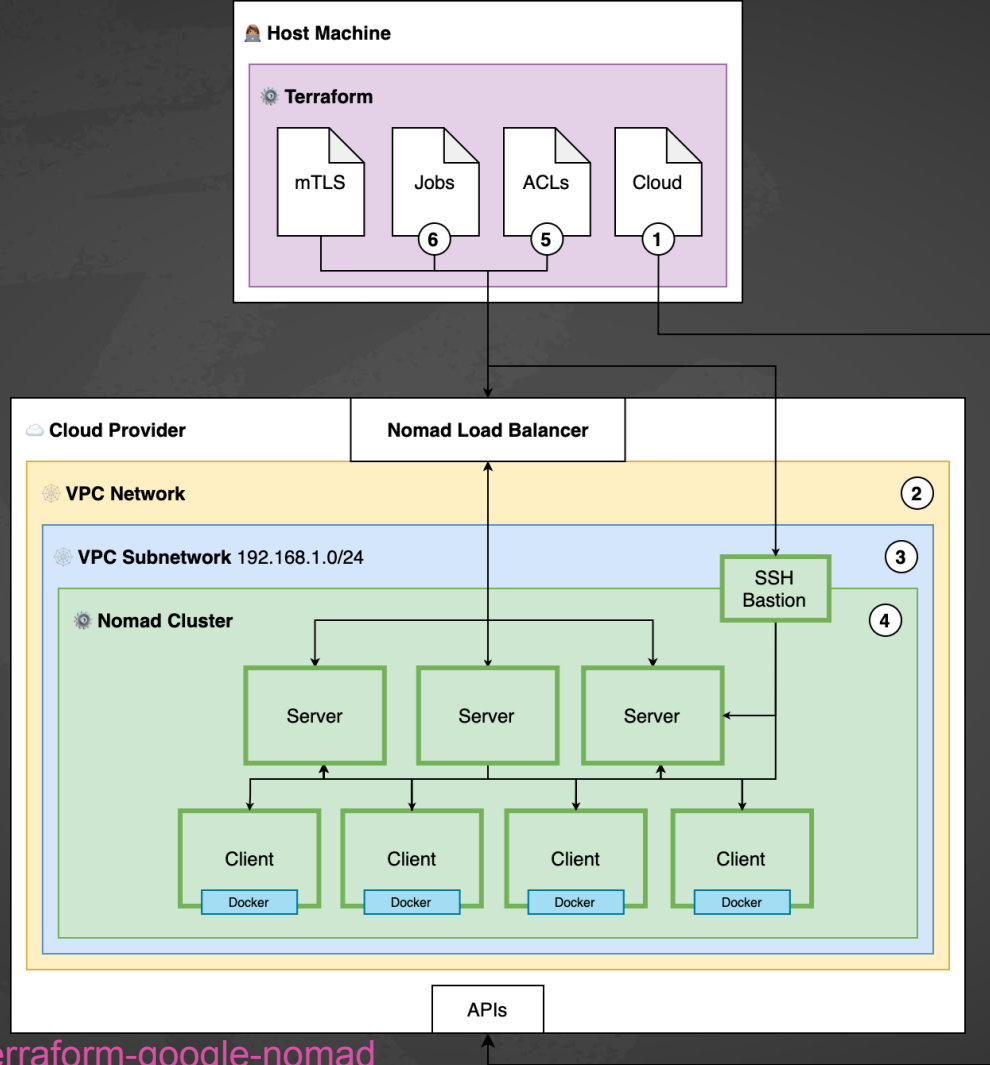
Top 3 Threats Internal

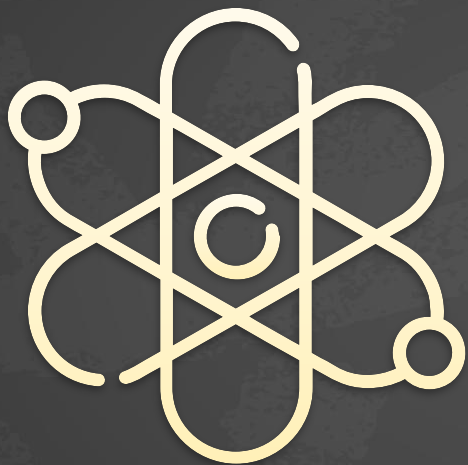


Tips & Tricks

Favourite Tool







03



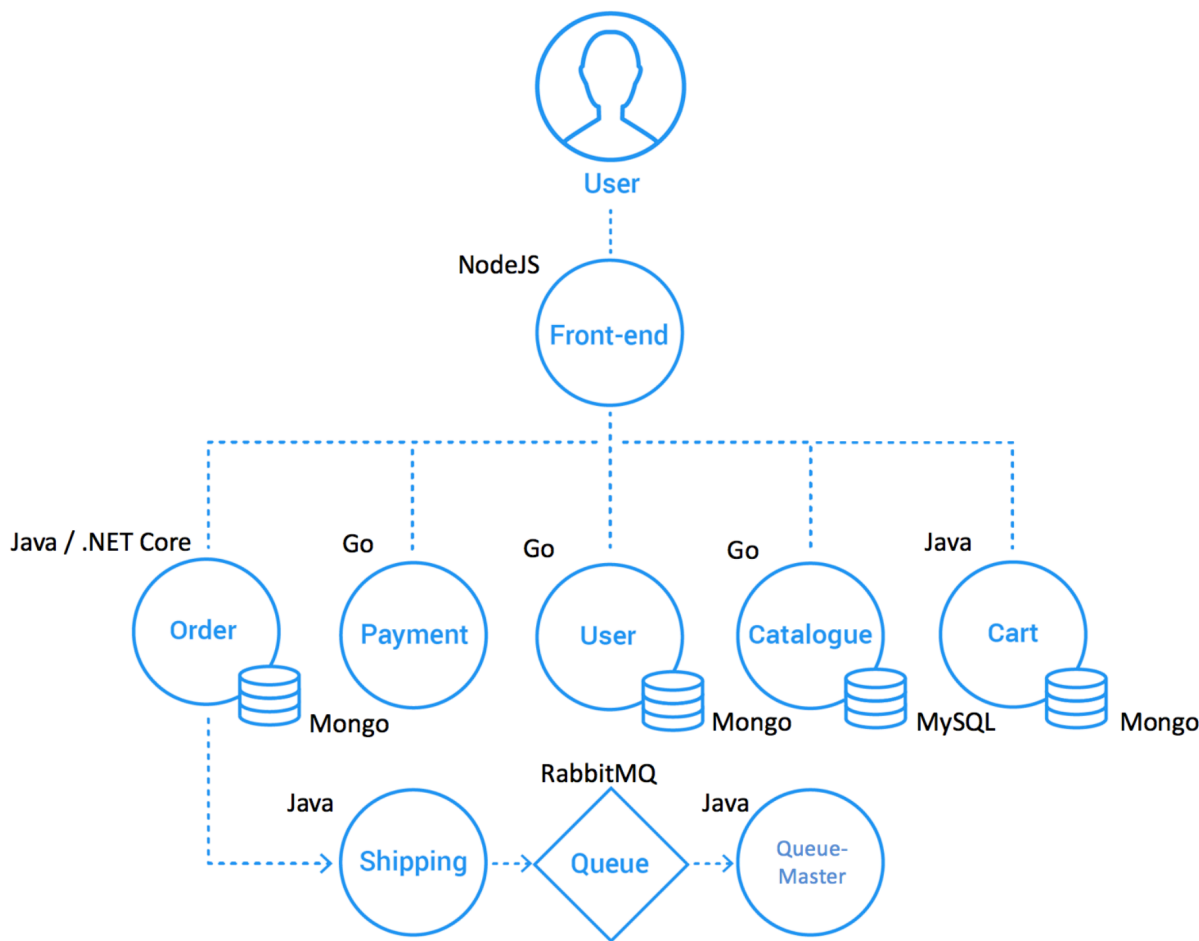
Run Here, There, Everywhere!

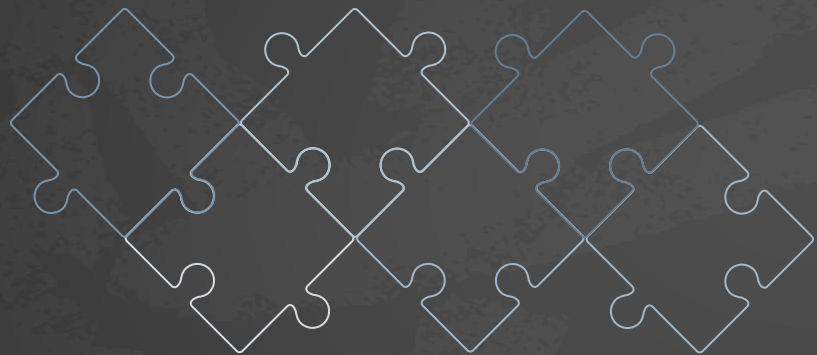
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Running Nomad



Architecture





04



Q&A!

Thanks!



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