



**Helping the U.S. Government  
Run Kubernetes.  
Everywhere...**



# Who am i?

- Former DOD Contractor
- Docker - Federal PS, SE, TAM
- Stackrox/RedHat - Federal SE
- Rancher - Federal SE
- Volunteer Firefighter/EMT - 22+ years

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Containers?



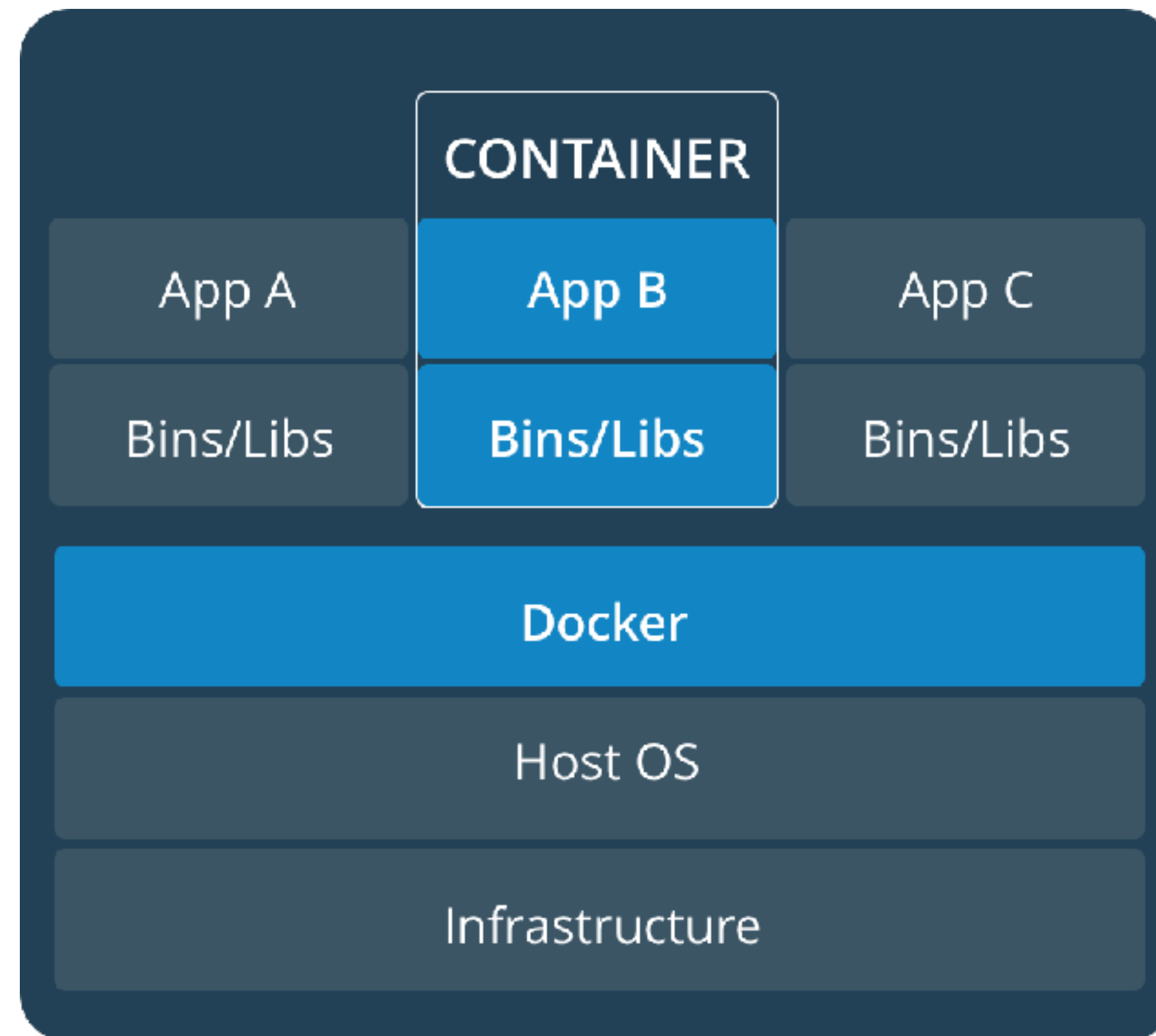




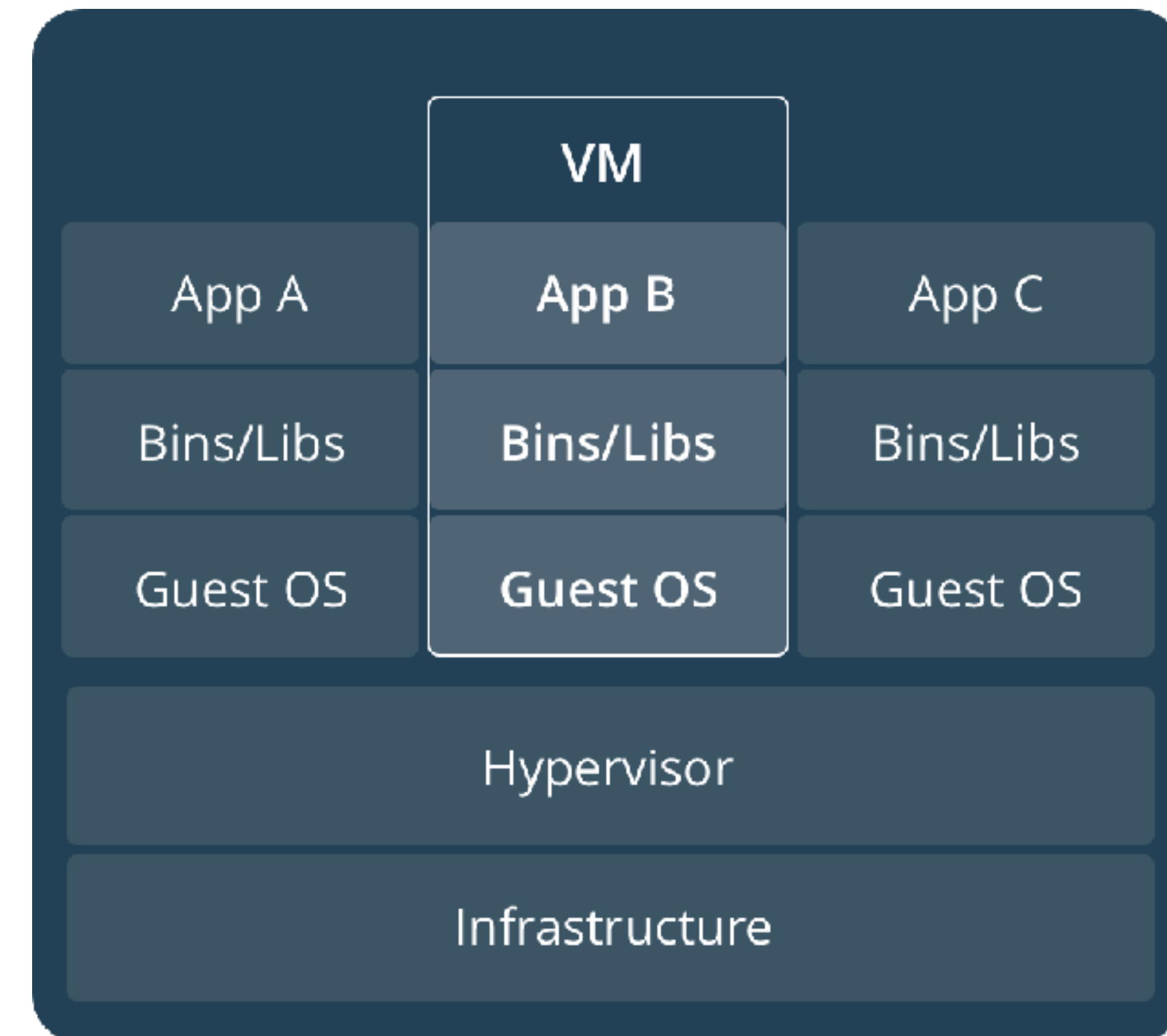








Containers are an app level construct

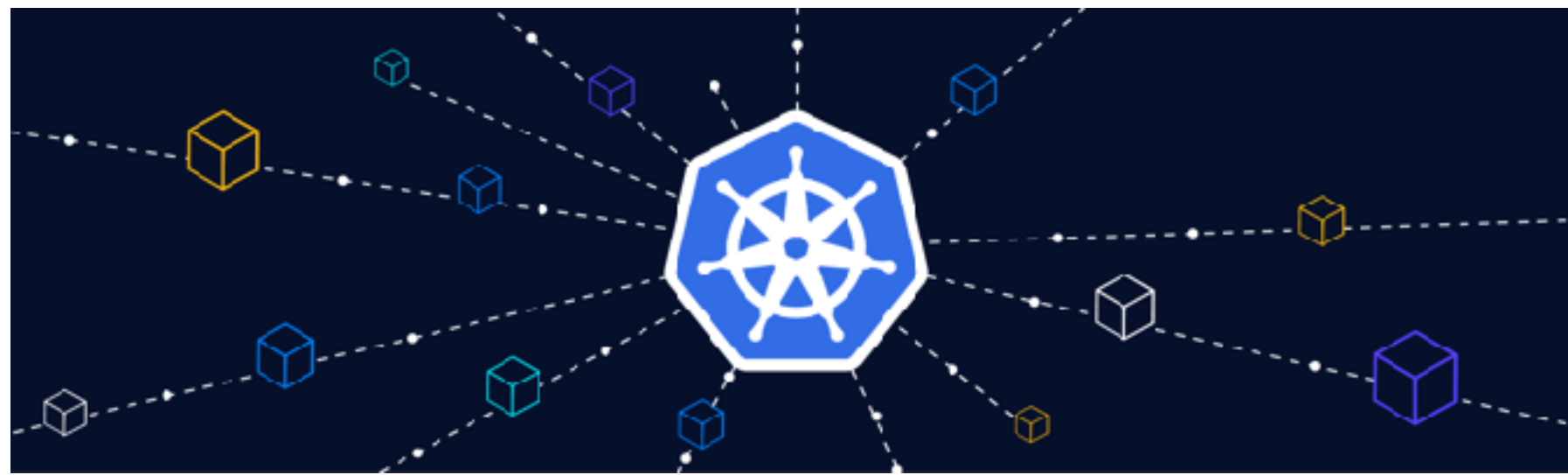


VMs are an infrastructure level construct to turn one machine into many servers

# Why Kubernetes



# No Really, Why K8s?



1. Service discovery and load balancing
2. Storage orchestration
3. Automation
4. Self-healing
5. Secret Management

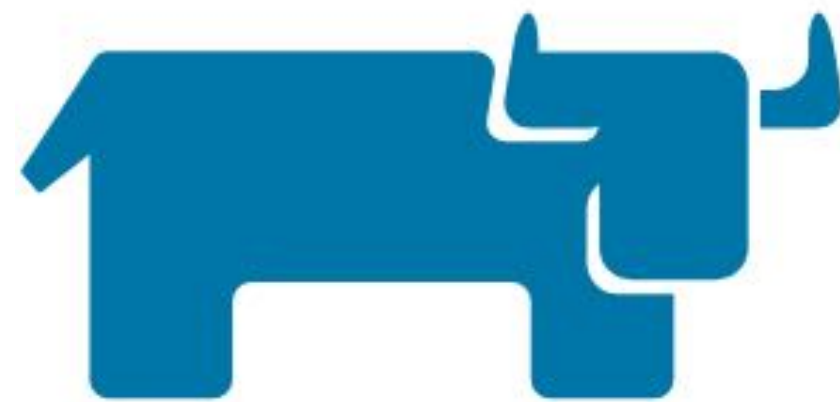
from : <https://kubernetes.io/docs/concepts/overview/what-is-kubernetes/>



# Rancher Government's 3 Pillars of Success

## Enterprise Support

- 24/7 CONUS-based enterprise support for Rancher & ecosystem
- Technical Account Manager & bootstrap architecture support
- Cleared Onsite support (70% TS/SCI)
- Airgap as a first-class citizen
- Training



## Professional Services

- On-site (or remote) full-time engineers
- Cloud-native advocates & evangelists focused on bootstrapping or delivering customer success
- Multiple prime contracts at USAF PlatformOne



## White Glove Approach

- Workshops
- Demos
- Architectural Oversight
- Health Checks





# Rancher Government ( SUSE RGS )

- Rancher Government is a 100% US-based entity dedicated to delivering Kubernetes and Cloud Native Technology solutions and support across the DoD, IC, and Federal community
- Rancher Government offers varying levels of service including US-State Side Support and cleared on-site support
- Rancher Government exists to enhance Rancher's capabilities to meet the ever evolving Federal mission requirements
  - **PKI Authentication**
  - **SELinux/FIPS Compliance**
  - **STIG/CIS Hardening**
  - **Enterprise Audit Functionality**
  - **Air-Gapped, C2S, SC2S, GovCloud Support**
  - **Automated Upstream Image Vulnerability Scanning**





# The Unsupported Rancher Experience



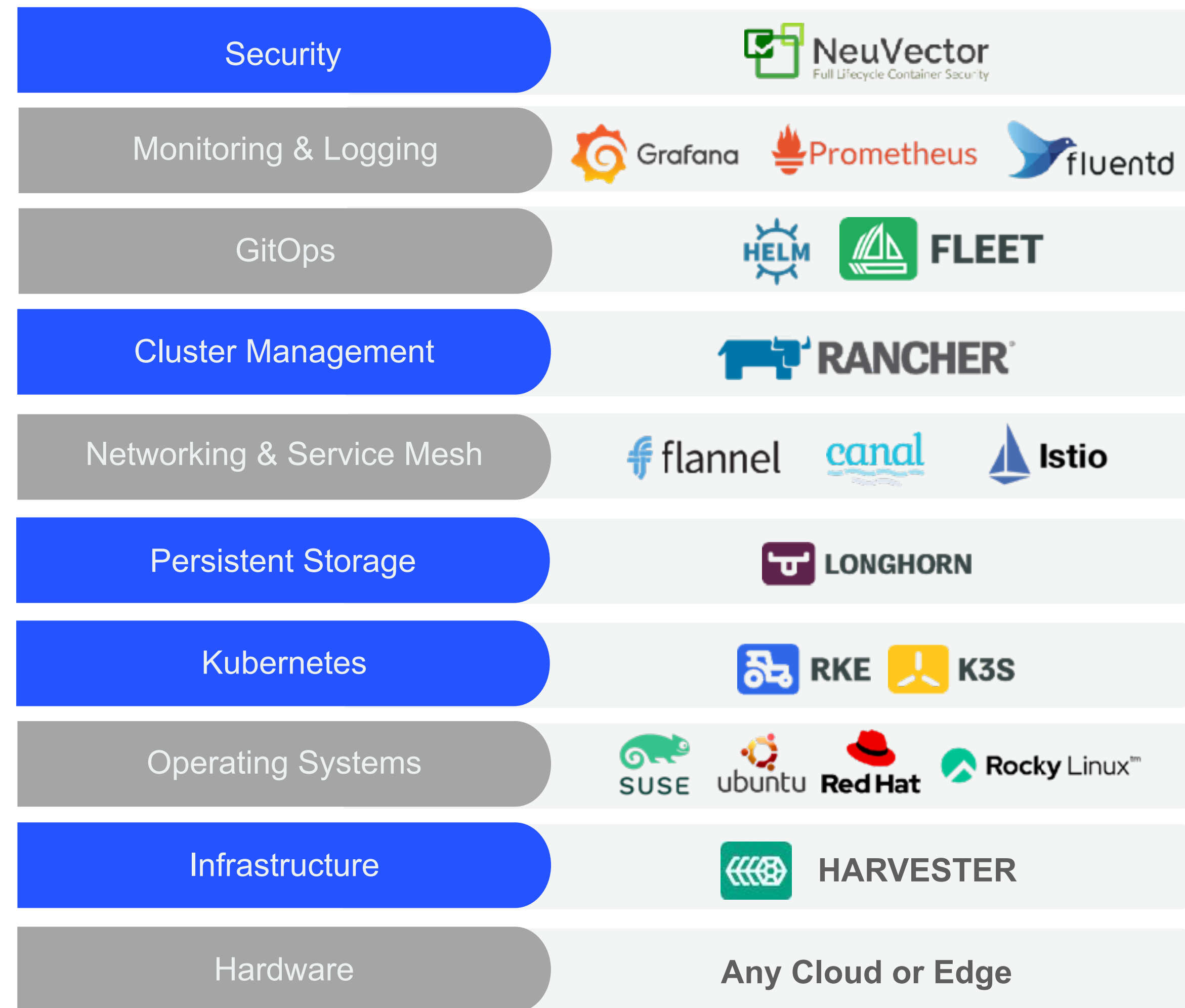


# Rancher Stack

















# Empowering where your mission goes












































# SLAs

Authentication & Authorization
App Management & CI/CD
Monitoring & Logging
Registry & Image Scanning
Container Security
Networking & Service Mesh
Platforms & Orchestration
Persistent Storage
Container Engine
Operating Systems
Infrastructure Drivers

Rancher SLA
  <b>FLEET</b>
 Grafana  Prometheus  fluentd
 NeuVector Full Lifecycle Container Security
 flannel  canal  Istio
 <b>RANCHER</b>  <b>K3S</b>  <b>RKE</b>
 <b>LONGHORN</b>
 containerd
 <b>SUSE</b>
 <b>HARVESTER</b>

Certified Integrations
 Active Directory  <b>Okta</b>  <b>GitHub</b>   OpenLDAP
 <b>Jenkins</b>  <b>GitLab</b>  <b>Bamboo</b>  Drone
 <b>splunk</b>  <b>DATADOG</b>  <b>Sysdig</b>  elasticsearch
  HARBOR  JFrog Artifactory
 aqua  <b>PRISMA</b> BY PALO ALTO NETWORKS  HashiCorp
 traefik  <b>NGINX</b>  <b>PROJECT CALICO</b>  LINKERD
 GKE  AKS  Amazon EKS  HashiCorp <b>Terraform</b>
 portworx  <b>OpenEBS</b>  <b>STORAGEOS</b>
 Windows  Rocky Linux  <b>ubuntu</b>  <b>Red Hat</b>
 <b>vmware</b>  <b>aws</b>   <b>Azure</b>  openstack

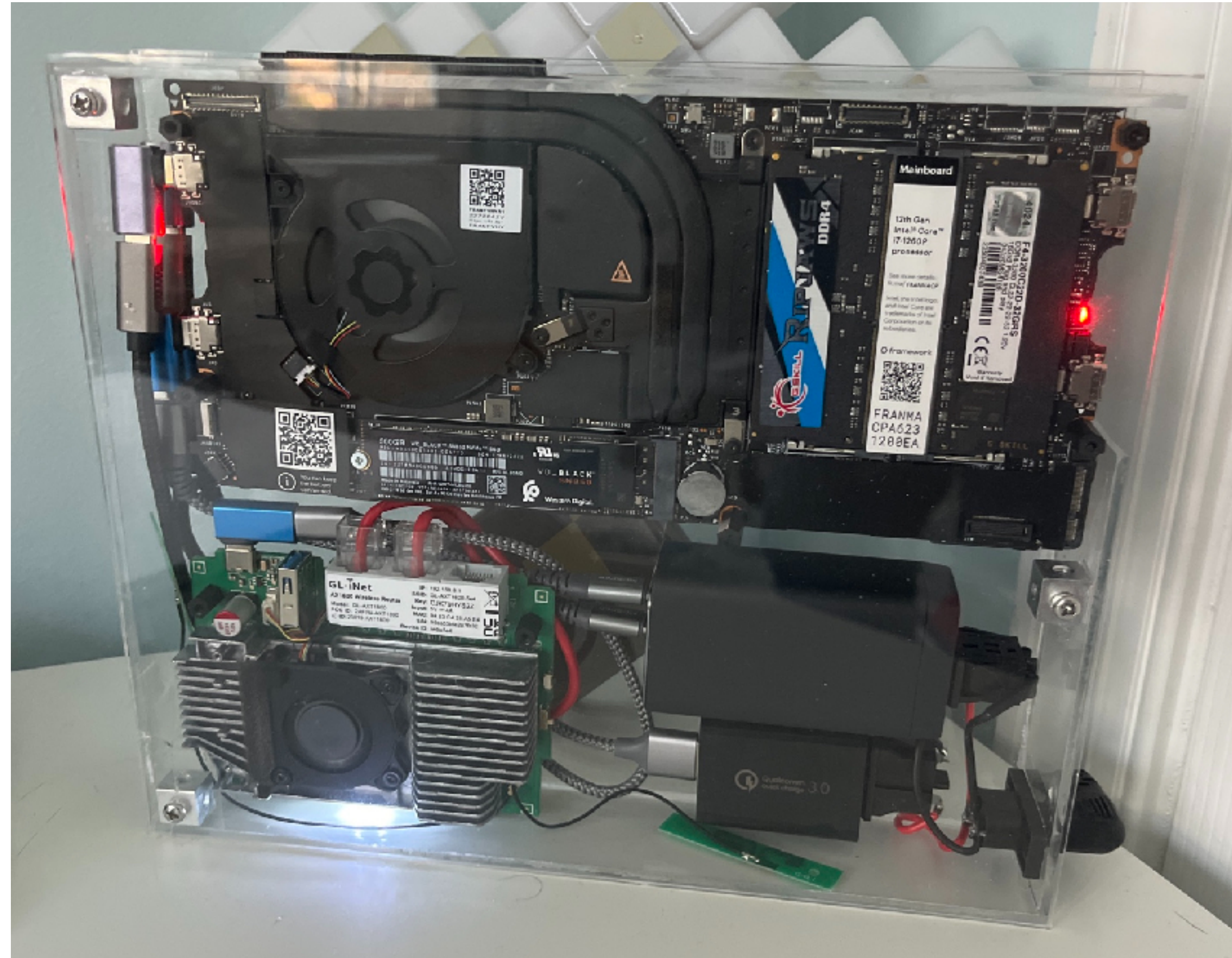


# Already ATO'd





# Run Anywhere?







CAGE code: 8GLZ3

DUNS: 117387835

Thank you

For more information, contact us at:

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