



Summit

Connect 2025 Stockholm



Presenters



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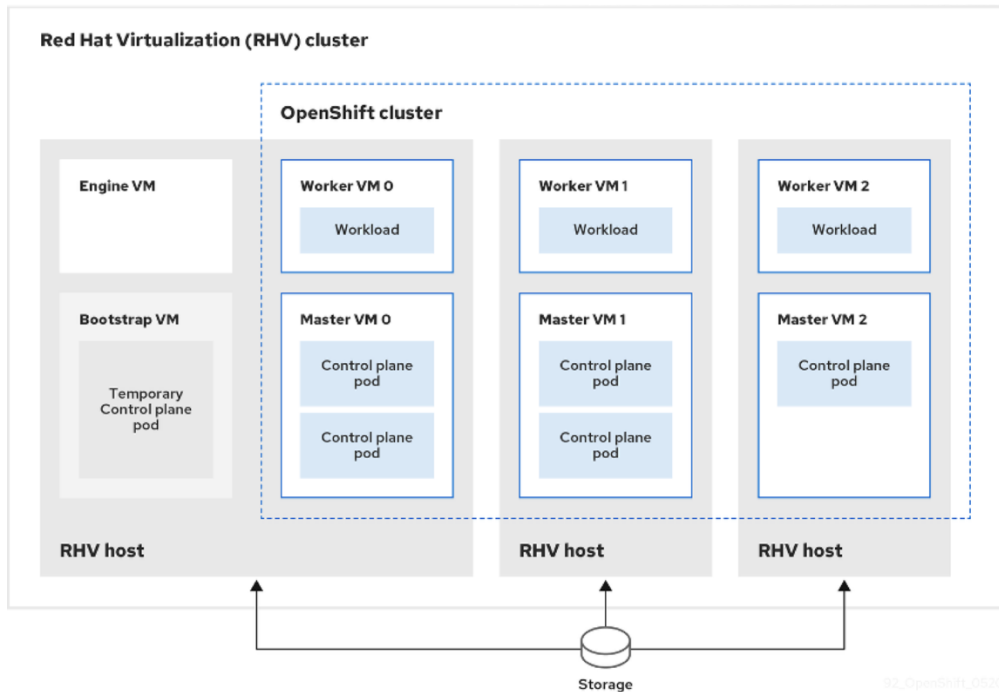
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From RHV to Baremetal: Scaling OpenShift with Hosted Control Planes, Helm, and GitOps



Legacy OpenShift Platform



- Eliminated Shadow IT
- Rapid Platform Adoption
- Centralized Platform
- Lift & Shift
- Foundation for Modernisation print

- YAML Sprawl & Copy-Paste
- Unclear DR Procedures
- High Maintenance Burden
- Configuration Drift
- Snowflake Clusters



Why We Bet on GitOps?



- **Declarative by Default**
- **Every Change, Tracked**
- **Always in Sync**
- **Security & Compliance**
- **One Pattern, Many Clusters**
- **Disaster Recovery in Minutes**
- **Developers Deploy with Confidence**

Helm

Our Secret Weapon

- Write Once, Deploy Everywhere
- Values-Based Configuration
- Version Everything, Rollback Anything
- Built-in Dependency Resolution
- GitOps Native Integration
- Simplified Developer Experience

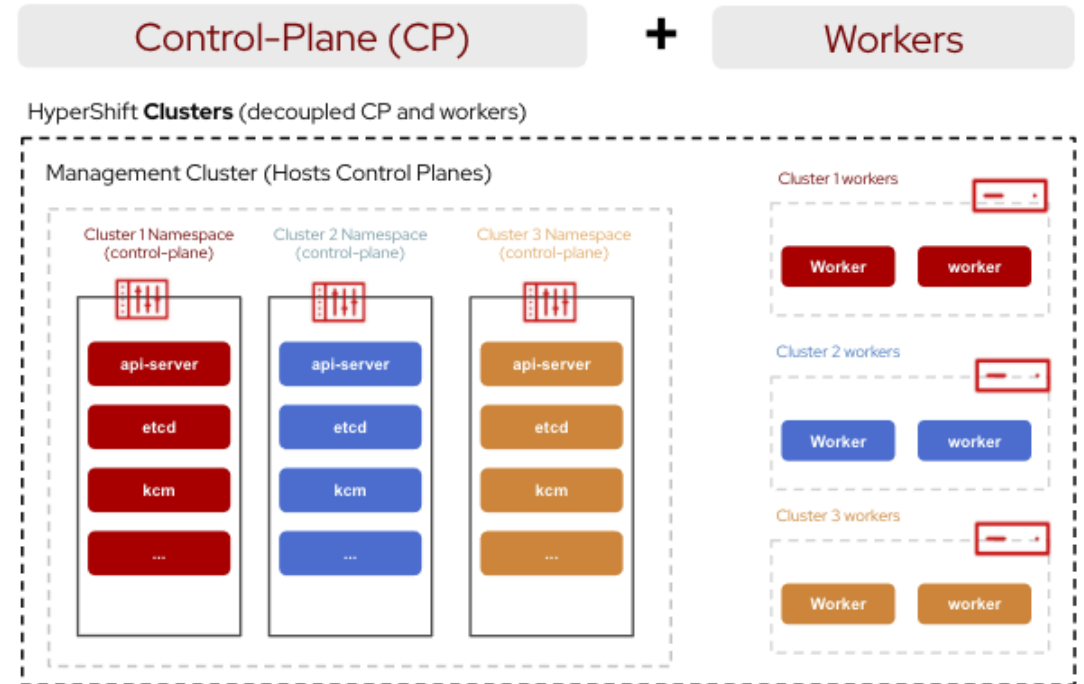
```
name: infra-atlas
owningTeam: platform
isAtlasConfig: true
projects: # ArgoCD projects
- name: infra-project
  sourceRepos:
  - 'ssh://git@git.tre.se:7999/itopstools/3nt.git'
  destinations:
  - namespace: trent
  groups:
  - infra
repositories: # ArgoCD repositories
- name: 3nt-repo
  project: infra-project
  url: ssh://git@git.tre.se:7999/itopstools/3nt.git
  encryptedData:
    sshPrivateKey: dolor-sit-amet-consectetur-sed-do-eiusmod-tempor-labore-et-dolore-magna-dolor-sit-amet-consectetur-sed-do-eiusmod-tempor-labore-et-dolore-magna
applicationSets: # ArgoCD applications
- name: 3nt
  clusters:
  - dev
  - stage
  - tools
  - networks
  - prod
  namespace: trent
  project: infra-project
  path: deployment/overlays/{{ .name }}
  repoURL: ssh://git@git.tre.se:7999/itopstools/3nt.git
  ignoreTagDifference:
  - dev
```

The HyperShift Advantage

- Clusters as Code
- Drift Detection & Self-Healing
- Fleet Management at Scale
- Separation of Control & Data Planes
- Rapid Cluster Recovery
- True Multi-Tenant Architecture
- Dramatically Lower Resource Footprint

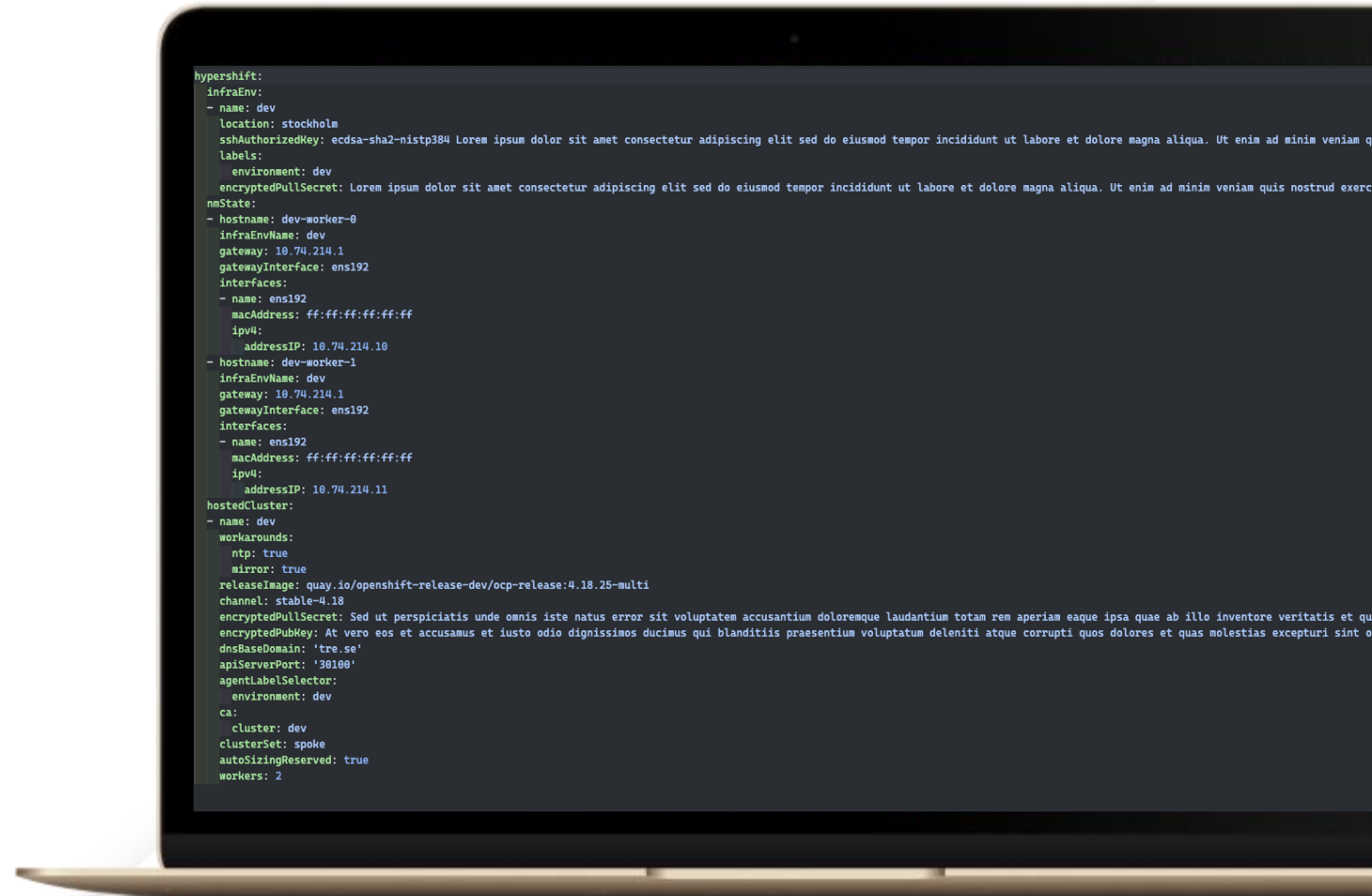


HyperShift



The Platform We Always Needed

- Developers Deploy with Confidence
- Built to Scale Infinitely
- Zero Configuration Drift
- Cluster in Minutes, Not Weeks
- One Git Commit = Full Cluster



Demo



Q&A

