Distributed Config Mgmt. using K8S Operators/CRDs
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Source: ONAP Architecture Task Force on Edge Automation
- Lead: VMware
- Core Team: Amdocs, AT&T, Bell Canada, Intel, Huawei, VMware
  Others: Fujitsu, Nokia, Red Hat, Vodafone, Verizon
- Link: https://wiki.onap.org/display/DW/Edge+Automation+through+ONAP+-+Distributed+Management+%28ONAP+etc.++components
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Design Principles

Design
Versioning/Upgrade/Rollback
• Git App Helm Charts and Helm Manager

Deploy
Config Store
• K8S Config Map/Secret in Central/Edge/Regional Cloud(s)

Security, Traffic Management
• Istio Service Mesh

Operate
Monitoring
• Monitor app metrics on K8S Central/Edge/Regional Cloud using K8S API

Config Mgr./Dispatcher
• Track app config changes; dispatch changes using K8S API CRD; use app specific config operators to effect app config change

Note:
• K8S Minion Node could be the same as Master Node