Kubers
Outline

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Teamates

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# Overview

## Motivation

- Traffic loss during key components upgrade
- Trivial and tedious work for version control
- No friendly dashboard

## Solution

- Warm restart of control plane
- Docker upgrade and rollback
- Managed by Kubernetes
**DEMO TOPOLOGY**

Cloud: **Azure**

Host OS: **Ubuntu 18.04**

Emulator: **KVM**

Switch OS: **SONiC**

Dockers in SONiC

Traffic is running SRV0 <-> SRV1
Demo
Next steps

- Kubernetes to manage all dockers on SONiC
- Upgrade at scale and health check + roll-back
- Monitoring tools integration