

Cilium on APPUIO

APPUIO
CLOUD 

APPUIO
MANAGED 

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- Pronounced 'vɪʒn – like "vision"
- Founded 2014, ~50 VSHNeers in Zürich and Vancouver
- Running applications on OpenShift and Kubernetes
- Automate all the things! Self-service all the things!
- First Swiss Kubernetes Certified Service Provider - since 2016
- Open company handbook: handbook.vshn.ch

APPUiO

CLOUD

- "Namespace as a Service"
- Multiple Zones
- Multi-Tenancy
- Only pay for what you use
- Full Self-Service
- VSHN Application Catalog

Multi-Tenancy Challenges

- Security
- Scalability
- Observability

Challenges Solved Pt. 1

- Tight access control
- Policy engine
- Network security



- Scalable CNI
- Advanced Network Security
- Insights via Hubble
- Runtime security enforcement
- Multi-Cluster networking
- Integration of legacy systems
- Isovalent Cilium Enterprise for Support

Configuration Management



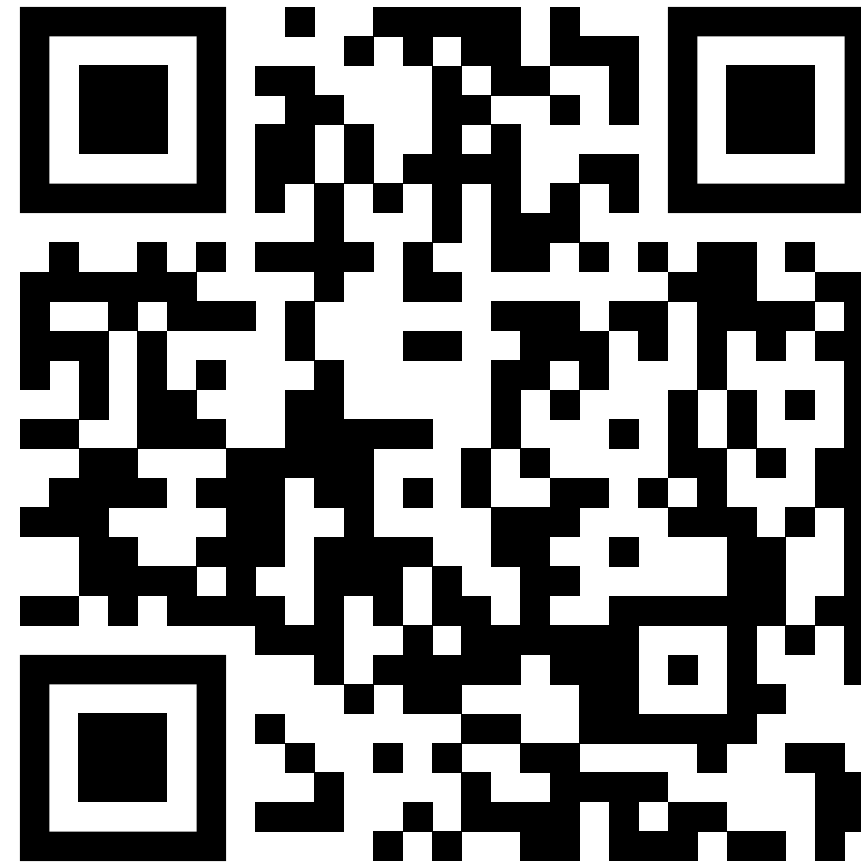
Project Syn

- Installation and configuration with Commodore
- github.com/projectsyn/component-cilium
- hub.syn.tools/cilium
- syn.tools

APPUiO MANAGED

- Single-Tenant dedicated Managed OpenShift
- Isovalent Cilium Enterprise included
- Cilium as default CNI

Trial



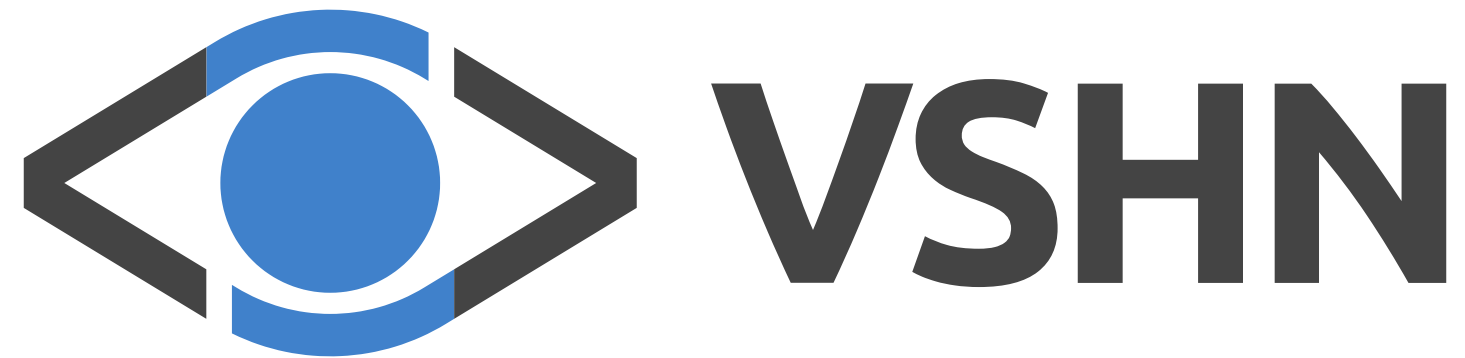
appuio.cloud/register

Voucher Code: **ciliumevent**

Q&A



Thanks!



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Commodore Component Details

- Supports OLM and Helm
- Supports OSS and Enterprise
- Properly tested for OpenShift
- Should work on other distros
- It's YAML and Jsonnet

github.com/projectsyn/component-cilium