

WG06 July session

Sylva Hackathon preparation

-
- Bern, Switzerland
 - November 23-24th
 - Host: Swisscom





Orange Restricted

Thank you  **swisscom**

Next steps

- Topic selection
 - 50% vote + 50% organization committee led by J.Borghese (WG05)
 - 5-10 topics max
 - Criteria:
 - 3+ companies involved
- Inscription/Team building
 - Inscription open to everybody
 - Profiles: integrators/developers - the goal is to produce code jointly
 - Target ~ 50 participants (hosting capacity)

Security

Observability

Configuration / D2

Automation / LCM

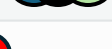
Use Cases

Tools

Topics

16 proposals

<https://wg06-workloads-lcm-gitops-59a50a.gitlab.io/events/hackathon/>

Project	High Level Description
NetBox Operator 	NetBox Operator dynamically allocates network resources (Prefixes a
SDC.io 	Tool to manage Netconf/yang configuration in GitOps. This operator c
Harbor Config Operator 	Harbor is an Open Source widely adopted by the industry. Orange de
E// MPN Operator 	An operator to manage MPN on E// 5G Core. An abstraction (kro) allc
Configuration Validator 	If you already install/upgrade Vendor solution in GitOps, you know th
Supply Chain Promotion Pipeline 	Due to EU regulations, it is critical to control the artifacts we deploy,
Flux Troubleshooting Tool 	FluxCD is an open-source solution that automates the deployment ar
OCA 	operator based unified life cycle automation platform for cloud-nativ
Keptn gitOps enhancement 	Keptn and LCM SDK can improve the promotion of CNF workloads
Secured gitOps Enabler 	If you are starting your GitOps journey and would like to secure your fl
Token rotation manager tool 	If you have to revoke thousands of token once, a tool to do it could b
GitOps Deployment Feedback 	Workload Cluster Operator observability enhancement for GitOps de
GitOps Time MACHine 	Workload Cluster deployment history and predictive failure detection
NETCONF Actions 	Imperative configuration made declarative. Schemas to declaratively
Telco-Specific AI Agents and Skills 	aboratively identify and open-source AI agents and skills tailored
AI Root Cause Analysis 	Using AI in operations of a 5G Core on Kubernetes. Connect LLMs to
...	

Projects	Leader	Subjective Complexity (MR)	Skills
NetBox Operator		++	Golang
SDC.io		++	Golang, netconf
Harbor Config Operator	Orange	++	Golang, Harbor
E// MPN Operator	Swisscom	+++	K8s, Golang, SDC
Configuration Validator	DT	+	K8s
Supply Chain Promotion Pipeline	Orange	+	Gitlab pipeline, trivy
Flux Troubleshooting Tool	Orange	+	FluxCD, Golang
OCA	DT	+++	K8s, infra,API
Keptn gitOps enhancement	Cuemby/DT	++	Keptn
Secured gitOps Enabler	Orange	++++	K8s, FluxCD, Harbor
Token rotation manager tool	Orange	+	Python, Gitlab
GitOps Deployment Feedback	Orange	+++	AI, Flux
GitOps Time MACHine	Orange	+++	AI, failure detection
NETCONF Actions	Swisscom	++	Netconf, Golang, SDC
Telco-Specific AI Agents and Skills	Swisscom	++++	AI, K8s
AI Root Cause Analysis	Swisscom	+++	AI, K8s