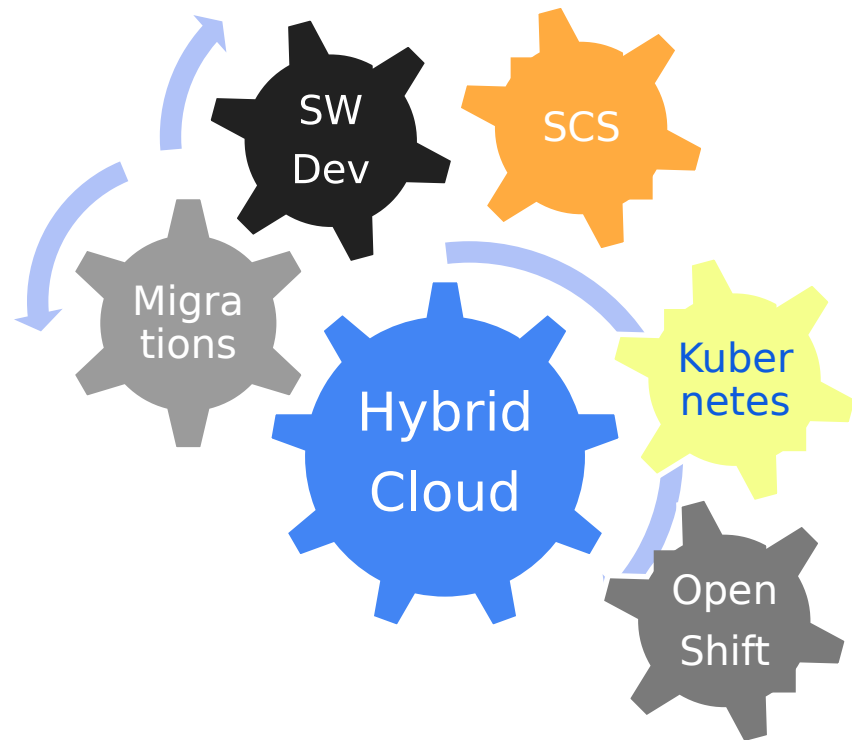
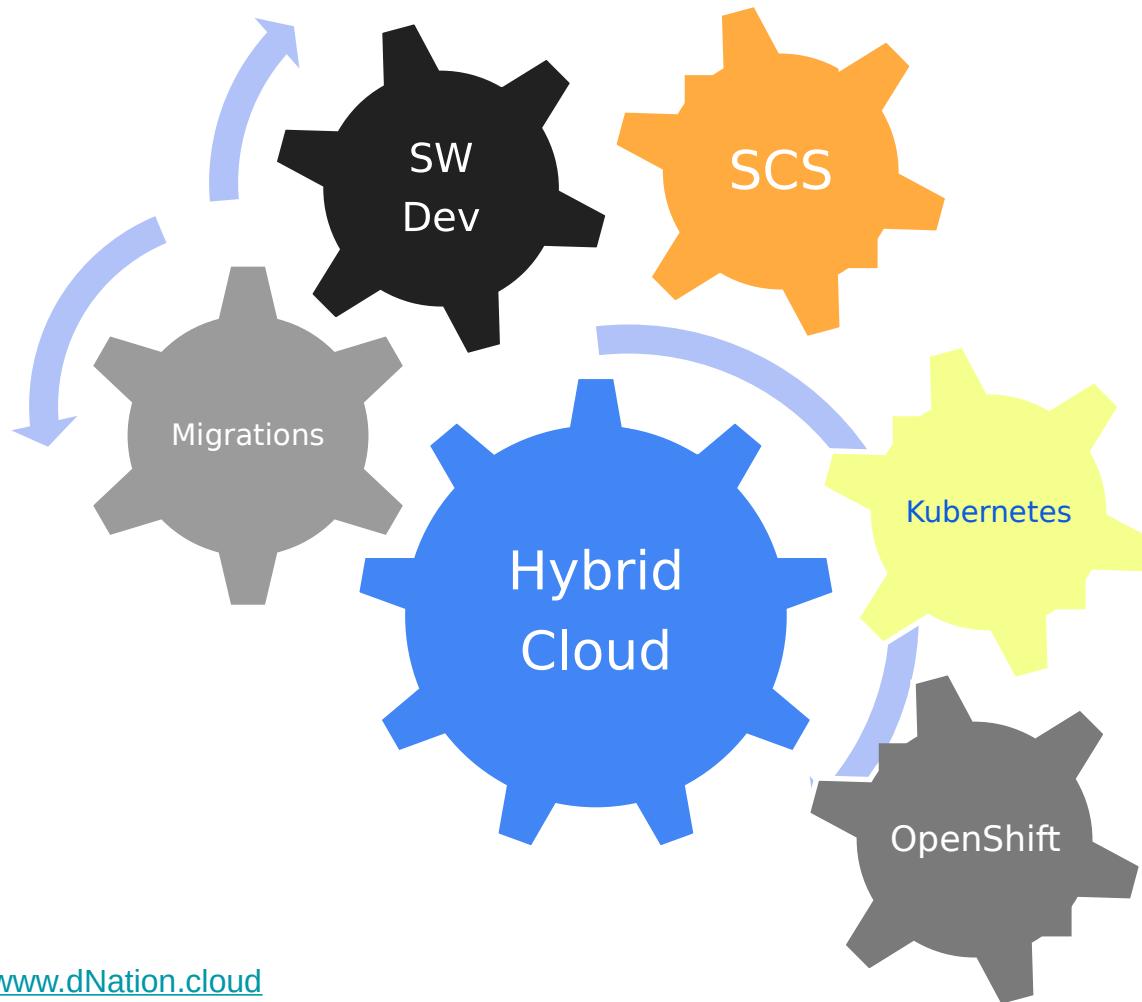




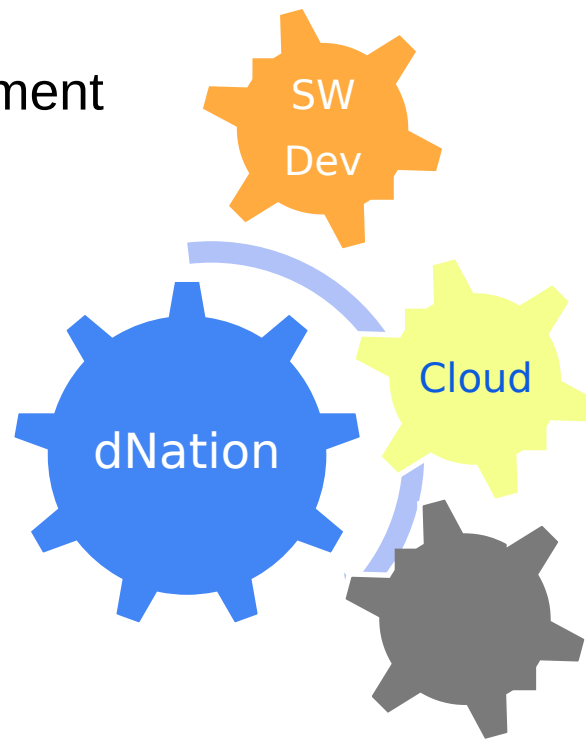
Company Overview

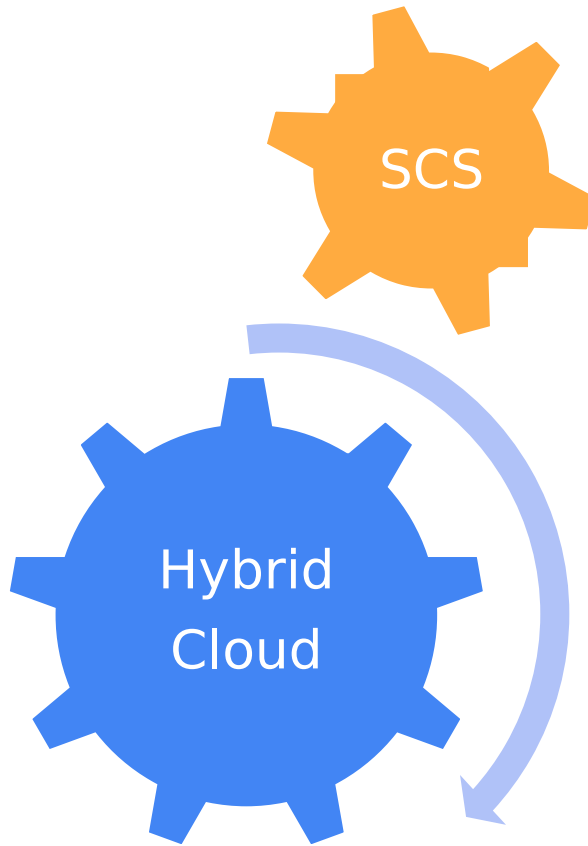




dNation: d = Development | DevOps

- d = Development: Custom Software Development
- We are software developers
- Java, Python, C++ and others
- d = DevOps: Cloud Services
- We are DevOps/Cloud engineers

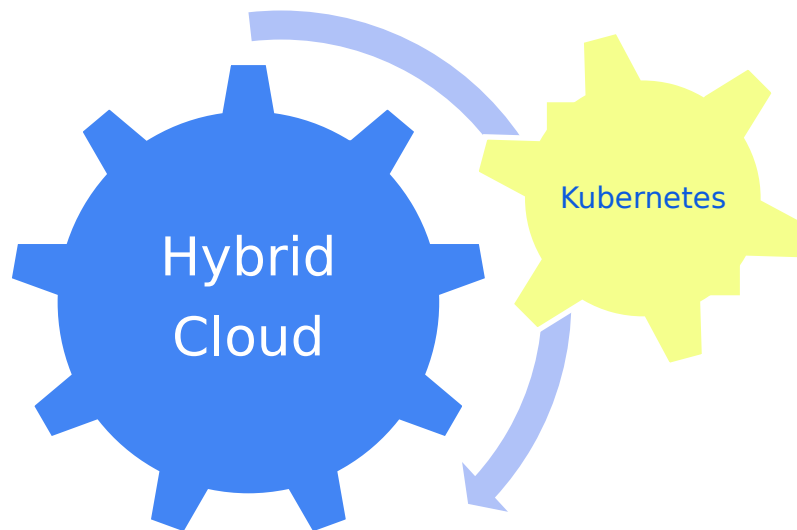




Sovereign Cloud Stack

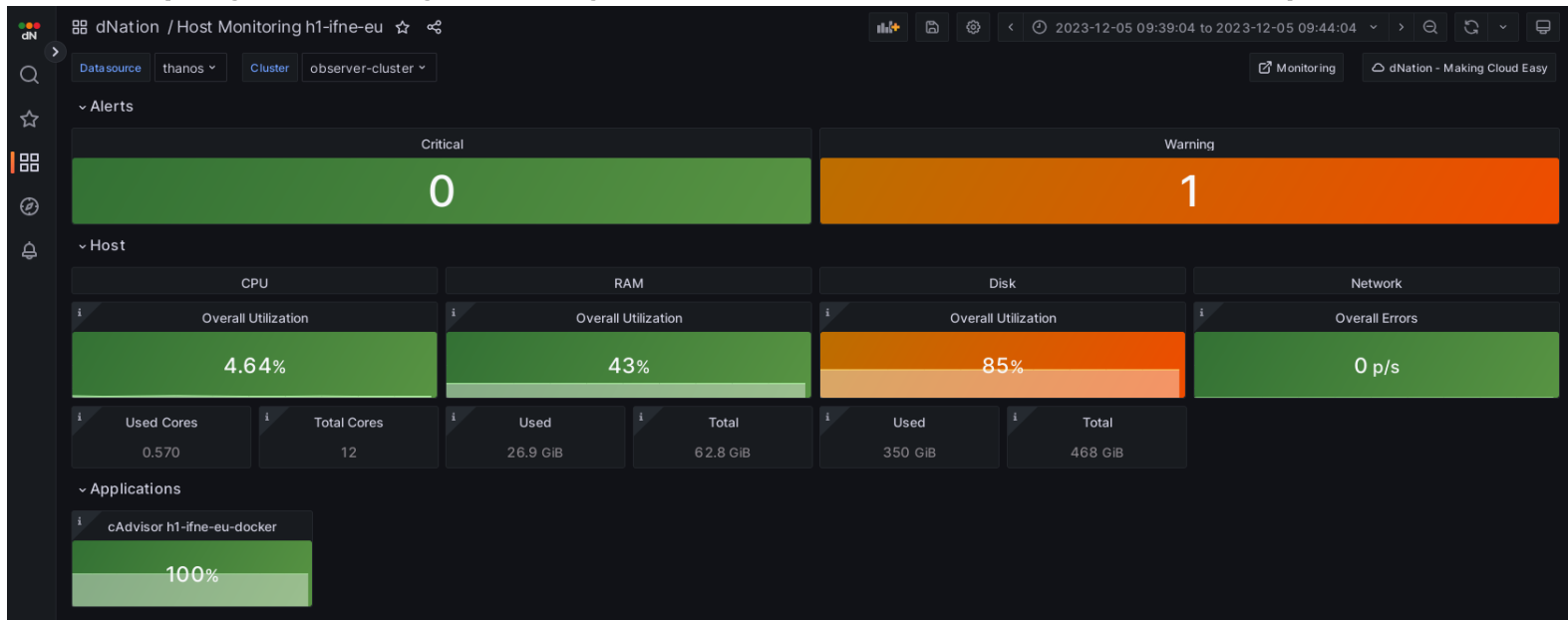
- Sovereign Cloud Stack - Cloud SW developed for GBWK
(German Bundesministerium für Wirtschaft und Klimaschutz)
- Kubernetes Monitoring (KaaS)
- Image Registry (Harbor)
- Security Hardening (adding encryption to all
OpenStack components)





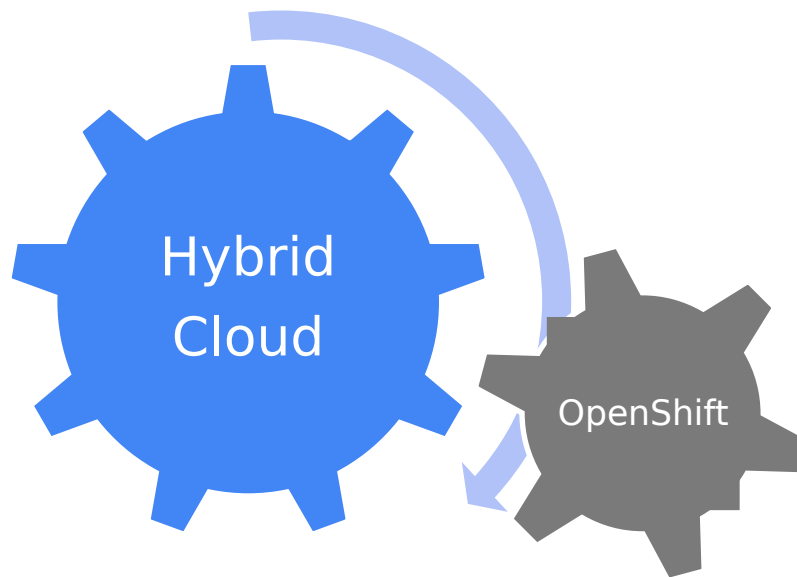


- All clusters are constantly monitored using [dNation Monitoring](#)
- To simplify our day-to-day duties, our contribution to Open Source



Why own monitoring?

- Monitoring should run outside of monitored target (in Observation Cluster)
- Hybrid environments: AWS, GC, Azure, on-premise
- Hybrid clusters: Kubernetes, OpenShift / OKD, SCS, Yaook
- Multiple targets: Hosts, Clusters, Applications
- Built-in Grafana in OpenShift has limited customization options



Red Hat Advanced Partner

- We have multiple Red Hat certifications
- Including Red Hat Certified Specialist in OpenShift Administration

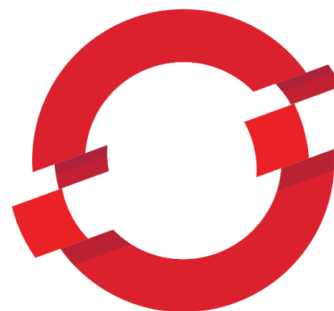


Advanced

Business Partner

Solution provider

Container platform specialist



OPENSIFT

Installation and maintenance of clusters

- Kubernetes
- OpenShift / OKD
- Sovereign Cloud Stack
- Yaook



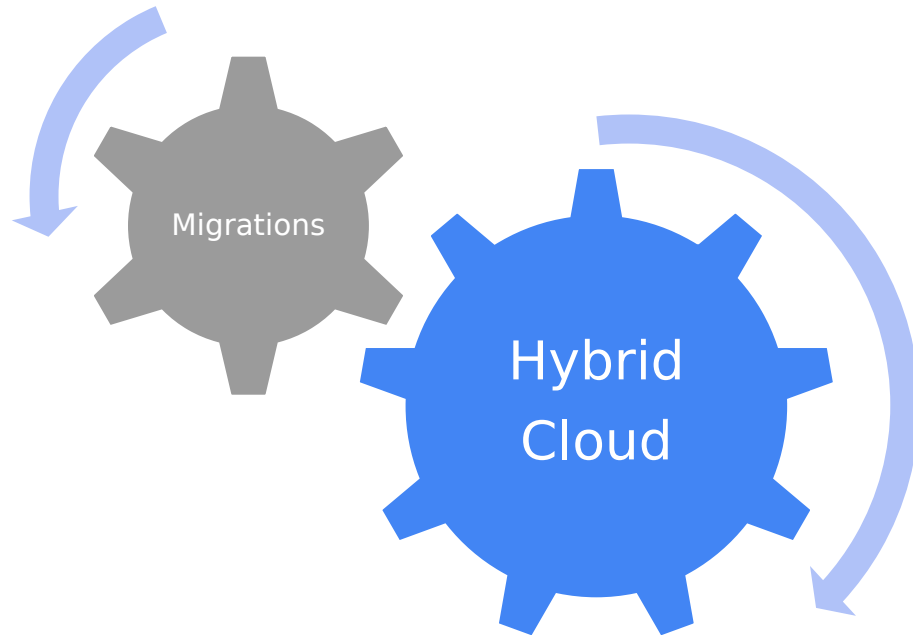
kubernetes



OPENSIFT



YAOOK



From Server Room to Cloud

2014



2015



2016 Hybrid Cloud



From Server Room to Cloud

2018



2020 dNation Monitoring, Prometheus, Grafana, Thanos, Loki ...



2021 Cloud without vendor lockin, with exit strategy

2022-2024 On-premise, German Bundesministerium für Wirtschaft und Klimaschutz (BMWK)

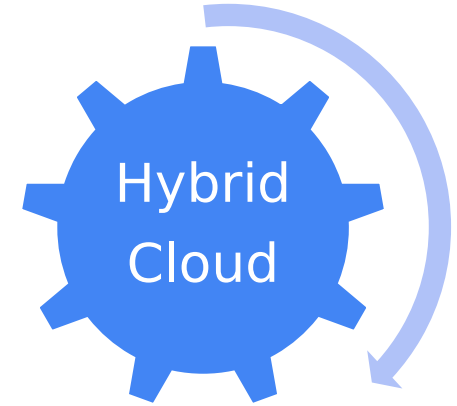


ALASCA founding member

- ALASCA - Association for Operational, Open Cloud Infrastructures e.V.
- Yaoook - Lifecycle Management Tool for OpenStack and SecuStack
- We develop open source technology to strengthen Digital Sovereignty



dNation Monitoring



Public



On-premise



kubernetes



OPENSIFT



openstack

Recent success stories



- Sovereign German Cloud
- IaaS, KaaS, Monitoring, Registry, OpenStack security (encryption of internal traffic)



- AWS EKS, On-premise Kubernetes



- Java backend for electricity trading

References

Telecom Industry



Pharmacy Industry



Bank Industry



Ticket Sale Industry

