

Cloud Native Security with Open Source Projects

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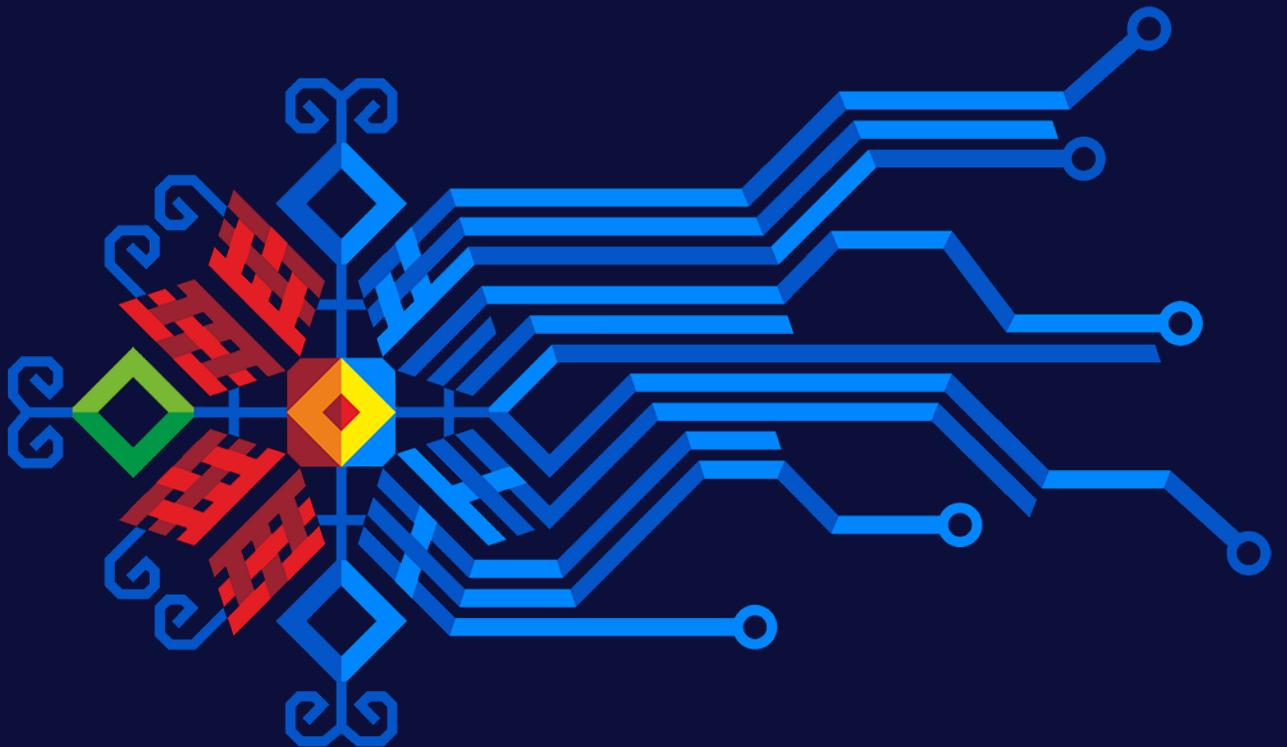
+15 years as SysAdmin/Developer/DevOps/SRE

KubeCon Program Committee Member and co-chair(Track 101 & Community)

... all things BBQ/DIY/home baking

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<https://kcd.bg/>

Few challenges

Container Vulnerabilities

Kubernetes-Specific Risks

Supply Chain Attacks

Malicious Workloads

Lack of Visibility

Compliance and Governance

Few solutions

Container Vulnerabilities -> Image Scanning

Kubernetes-Specific Risks -> Misconfiguration Checks

Supply Chain Attacks -> Processes, SBOMs, Trusted components...

Malicious Workloads -> Runtime Security

Lack of Visibility -> Observability and Alerting

Compliance and Governance -> Audit Scanning



Some solutions

Container Vulnerabilities -> Image Scanning

Kubernetes-Specific Risks -> Misconfiguration Checks

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Projects



NeuVector

Open Source project by SUSE

Apache License

Supports: Rancher, OpenShift, Vanila Kubernetes, Docker etc...

Integrates with other projects like Harbor :)

Image Scanning

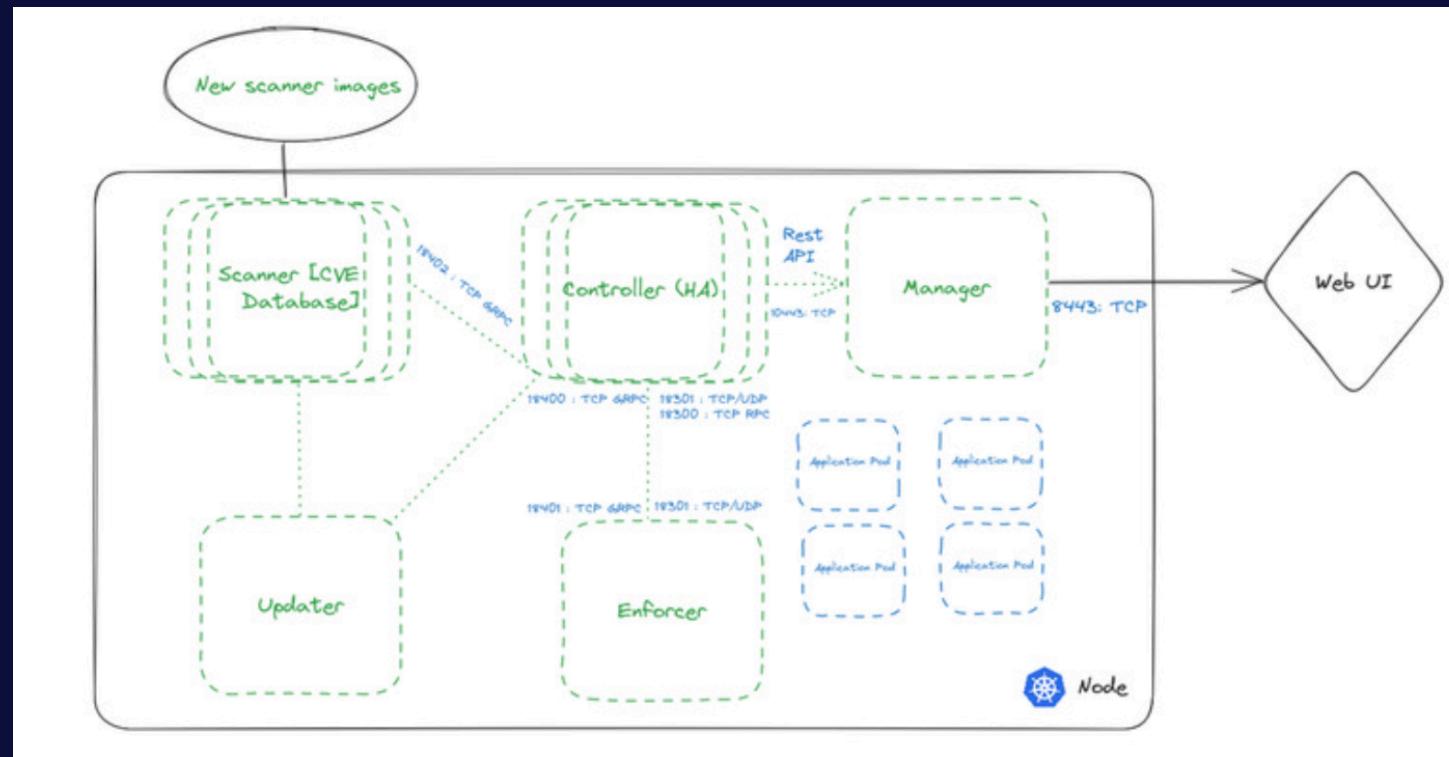
Network Policies

CIS Benchmark

Etc...



Components



DEMO

Q&A