SUSE
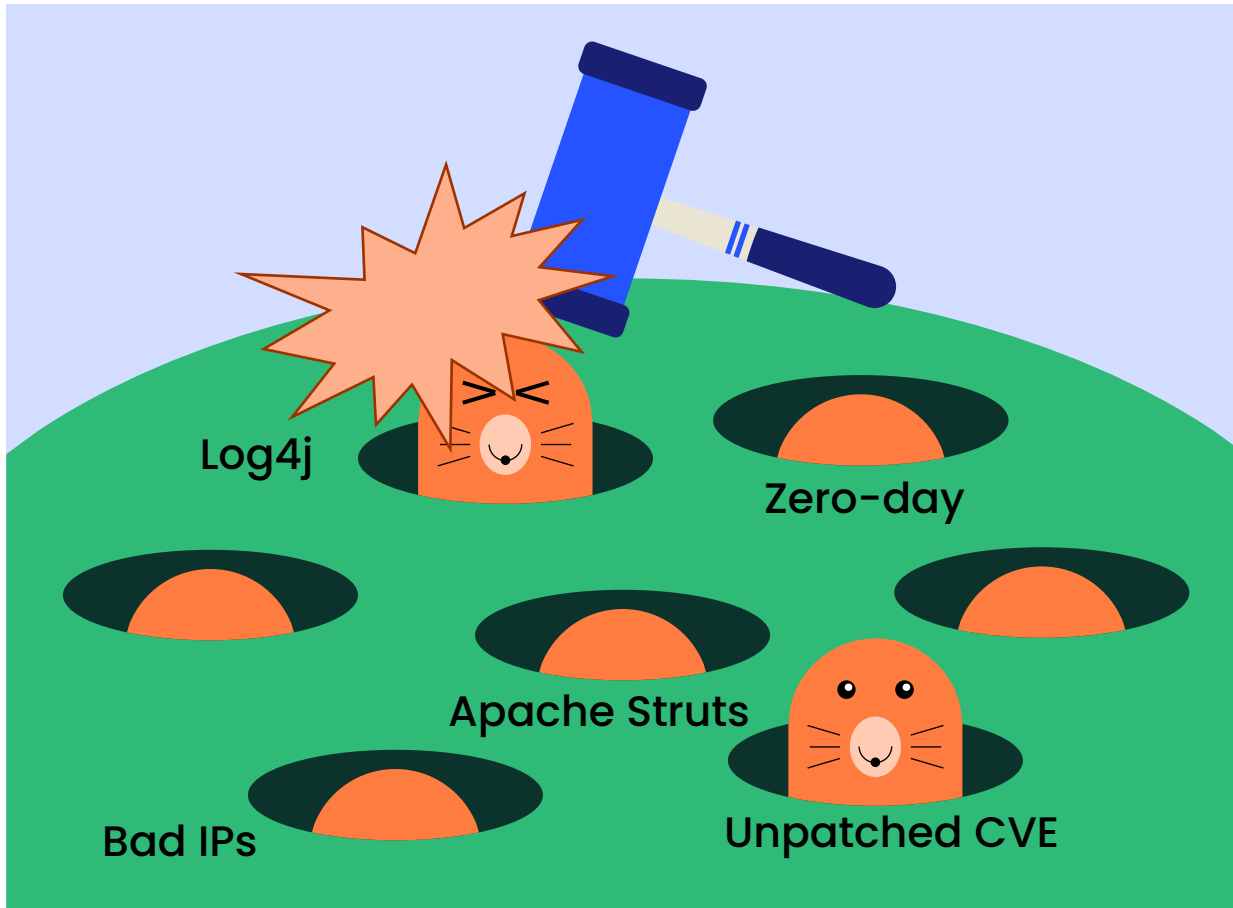
Kubernetes is the Perfect Platform for Enforcing Zero Trust Security

Reactive Security Model →
Scan, Monitor, Detect, Respond

Reactive Security

- Deny list policy
- Signature/Keyword/Regex match
- Scanning known vulnerabilities
- Bad IP/URL list
- Zero-day feed
- Manual configuration and management

Proactive Security Model → Zero Trust

Kubernetes is a perfect platform for new security model:

- Declarative
- Automation
- Scalable & high performance
- Real time enforcement & zero trust

Proactive Zero Trust Security

- Allow list policy (deny by default)
- Live segmentation & L7 firewall
- Admission control policy
- Behavior learning and lock down
- Zero-Day/Unpatched CVE mitigation
- CI/CD pipeline security, supply chain security
- Cloud native deployment and management
- Audited RBAC
- Shared security responsibility
- Policy as code, security automation
- Continuous compliance enforcement

SUSE NeuVector

Log4j

Zero-day

Apache Struts

Bad IPs

Unpatched CVE
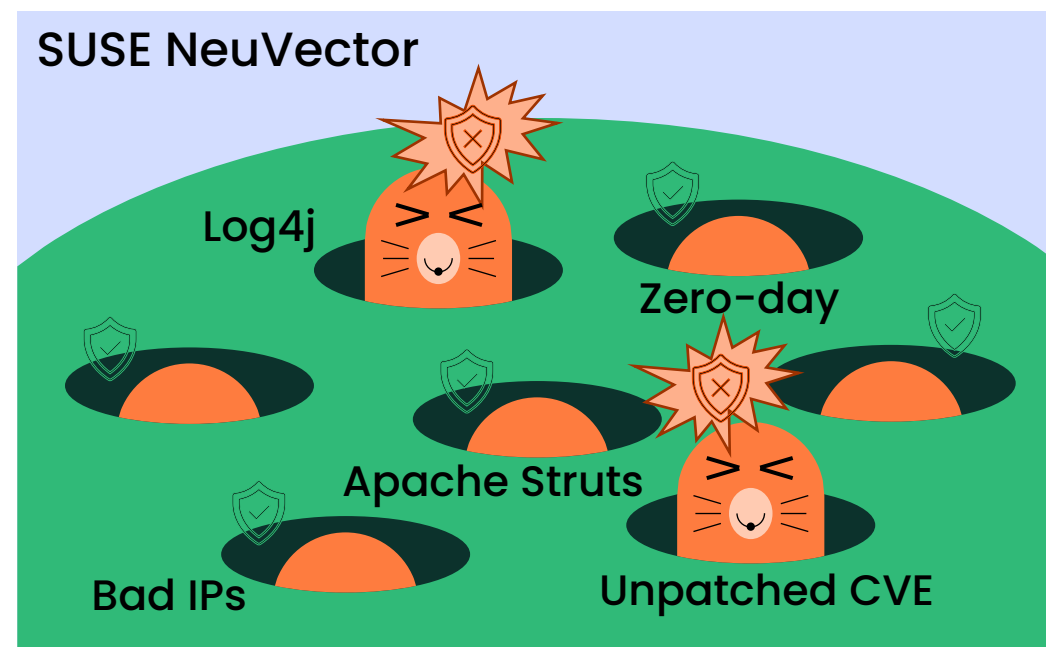
Secure Kubernetes in the Real World:

Fortune Global 200 Enterprise:

– Hybrid Cloud: on-premises + public cloud

– Migrating traditional workloads

– Need run-time security that does not slow dev velocity

– SOC II Compliance Requirements

SUSE NeuVector Provides:

– Multi-cloud Policy Federation & Management

– Supply Chain and Pipeline Security

– Zero Trust Runtime Protection with Automation

– Firewall with WAF & DLP that satisfies the SOC II requirements

SaaS Financial Services:

– Fast-growing 100% SaaS Online Bank

– Rapid development velocity

– Subject of targeted network attacks

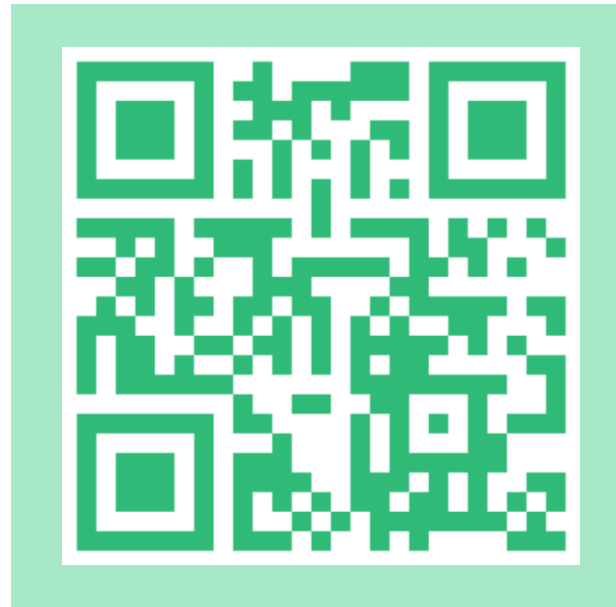– Banking Regulations PCI etc.

SUSE NeuVector Provides:

– Independent security management

– CRD based policy-as-code security automation

– Network-centric Zero-Trust enforcement

– Continuous Compliance Monitoring

Learn more at the SUSE booth in the Solutions Showcase

Free book: Zero Trust Container Security for Dummies

Scan the QR code below!

Thank you

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