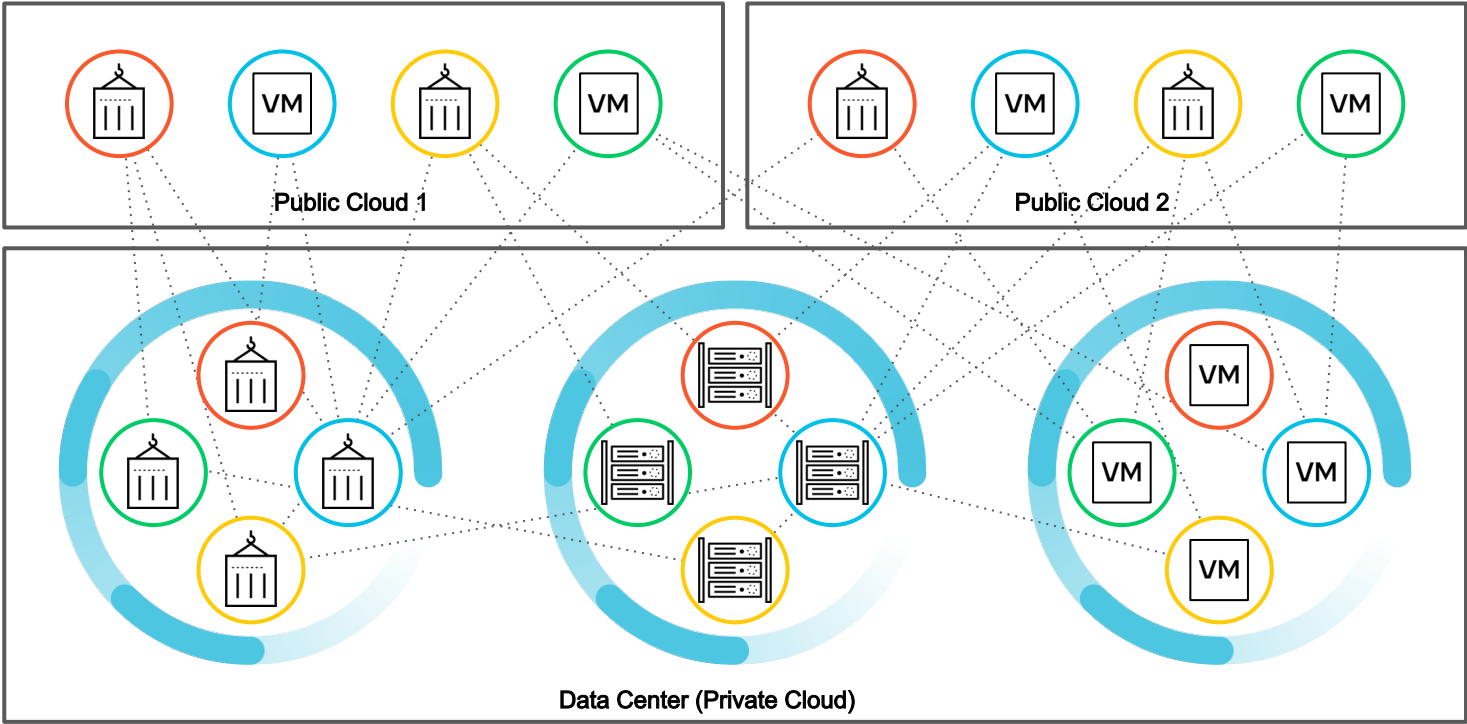


Introduction to CN Series Container Firewalls



Interconnectivity in Hybrid Clouds Creates Security Complexity



Container Adoption is Increasing

“

By 2023, more than 70% of global organizations will be running three or more containerized applications in production.

”

Gartner, 2019

Complete Cloud Native Security

Visibility & Governance



Compute Security



Network Protection



Identity Security



Compliance Management

Runtime Defense

Layer 7 Inspection
& Threat Protection

User Entity Behavior Analytics

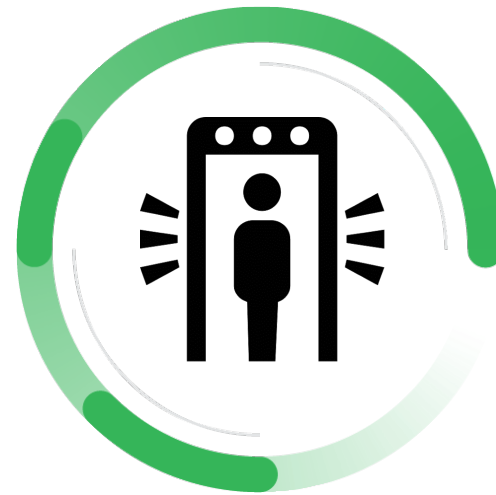
A Multi-Layered Network Security Strategy



Network Visibility



Microsegmentation



Layer 7 Threat Protection

Container Network Security with Prisma Cloud & NGFW



Vulnerability Management



Compute Security

Reduce risk and protect compute with runtime and application security



Prisma™ Cloud



Identity -based Microsegmentation

Limit east -west traffic based on the machine and application identity



Prisma™ Cloud



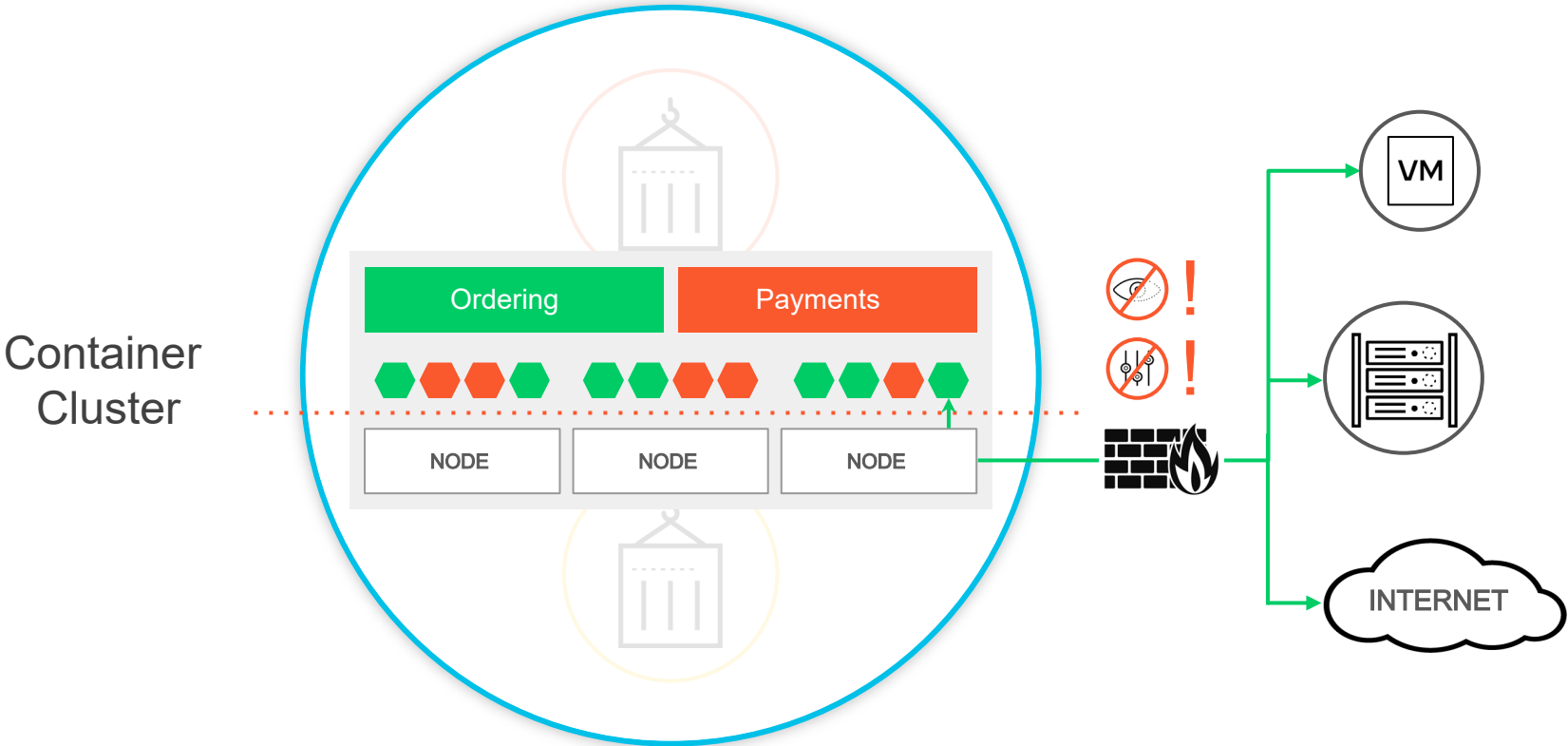
Layer 7 Threat Protection

Network -based detection and protection of compromised applications



Why can't we use a virtual or hardware firewall?

Other FW Form Factors Lack Container Visibility and Context



CN-Series Container Firewall Product Overview

CN-Series Container Firewalls

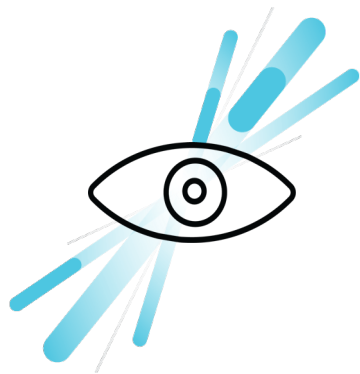
NGFW for Kubernetes Environments

Containerized
PAN -OS

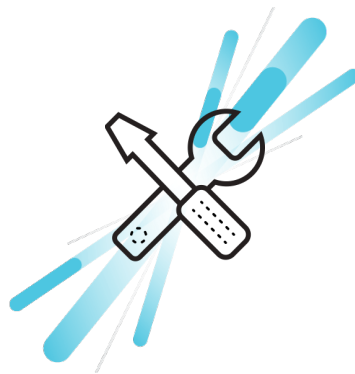
L7 Network Security &
Threat Protection

Kubernetes
Integrated

Network Visibility and Threat Protection in Kubernetes



Visibility into K8's
constructs for
context -based,
app -level control



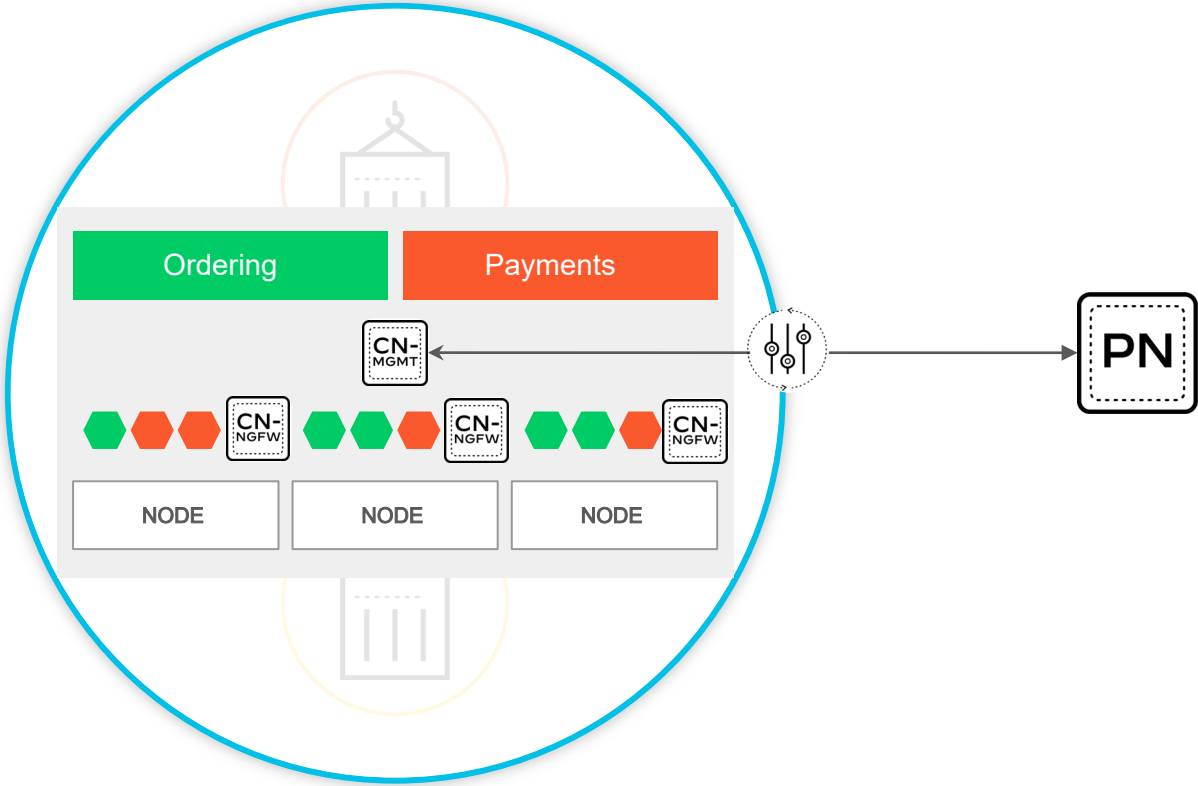
Consistent policy
creation and
management with
Panorama



Automate and
scale with deep
Kubernetes
integration

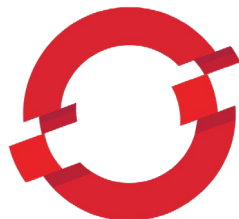
CN-Series Deployed on Each Node

Container Cluster



Supported Cloud Native Infrastructures

Self -Managed



On -premises

Public Cloud

Cloud -Managed



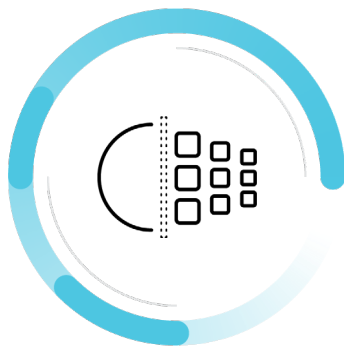
Key Use Cases

CN-Series Container Firewall Use Cases



East -West Layer 7 Traffic Protection

Enforce trust boundaries
between namespaces and other
workload types



Outbound Traffic Protection

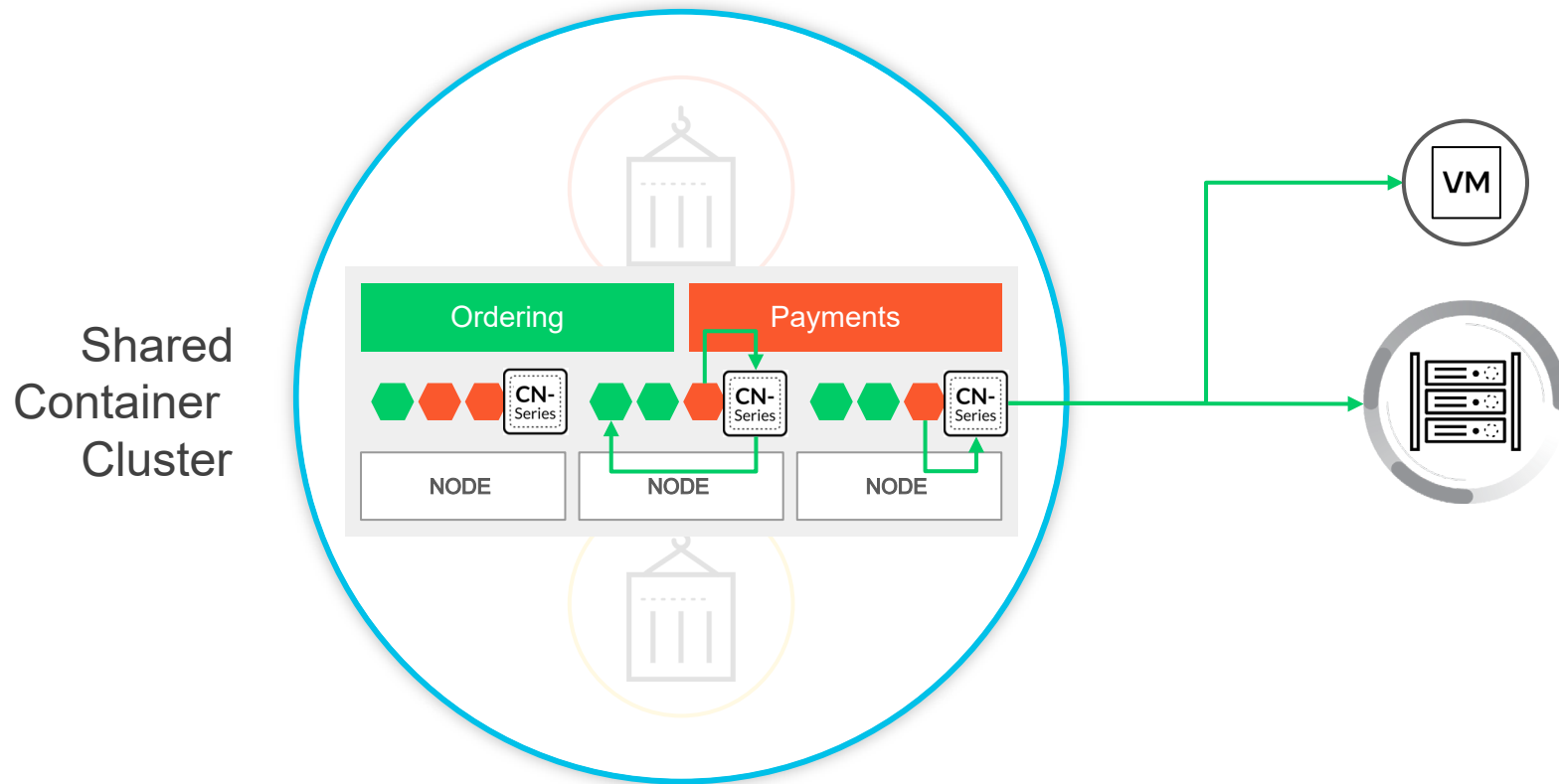
URL filtering and
content inspection



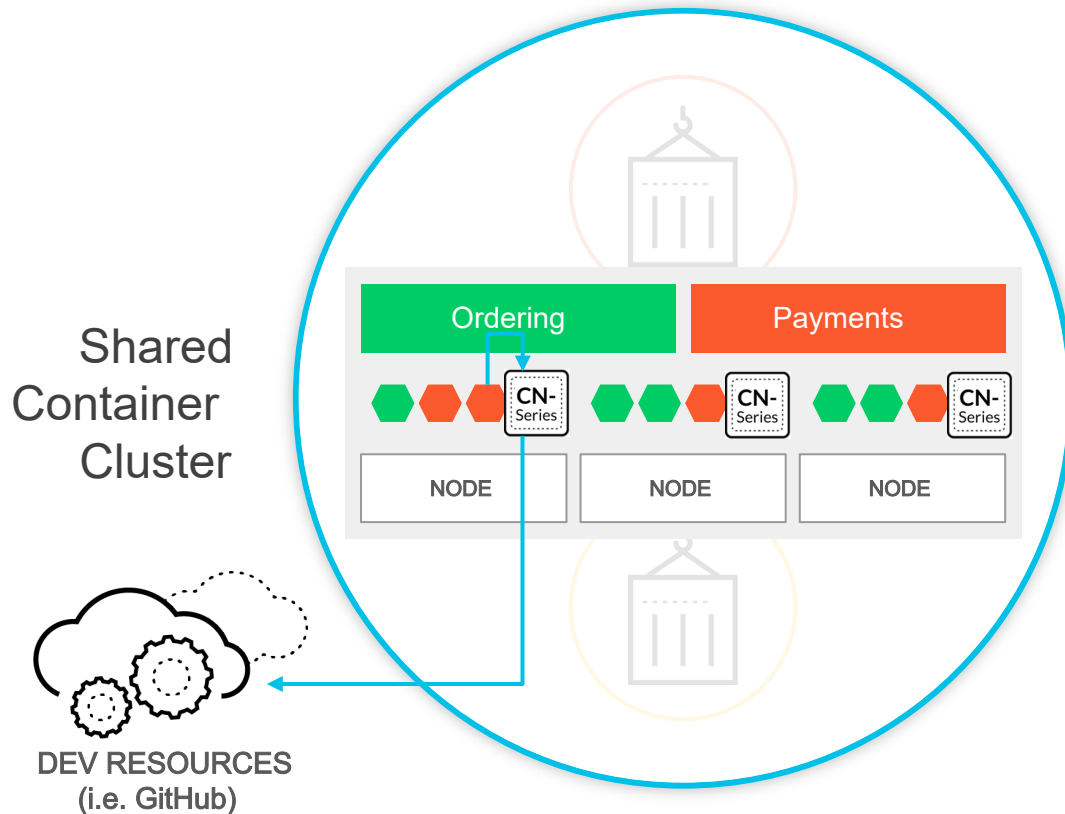
Inbound Threat Prevention

Stop known and
unknown threats

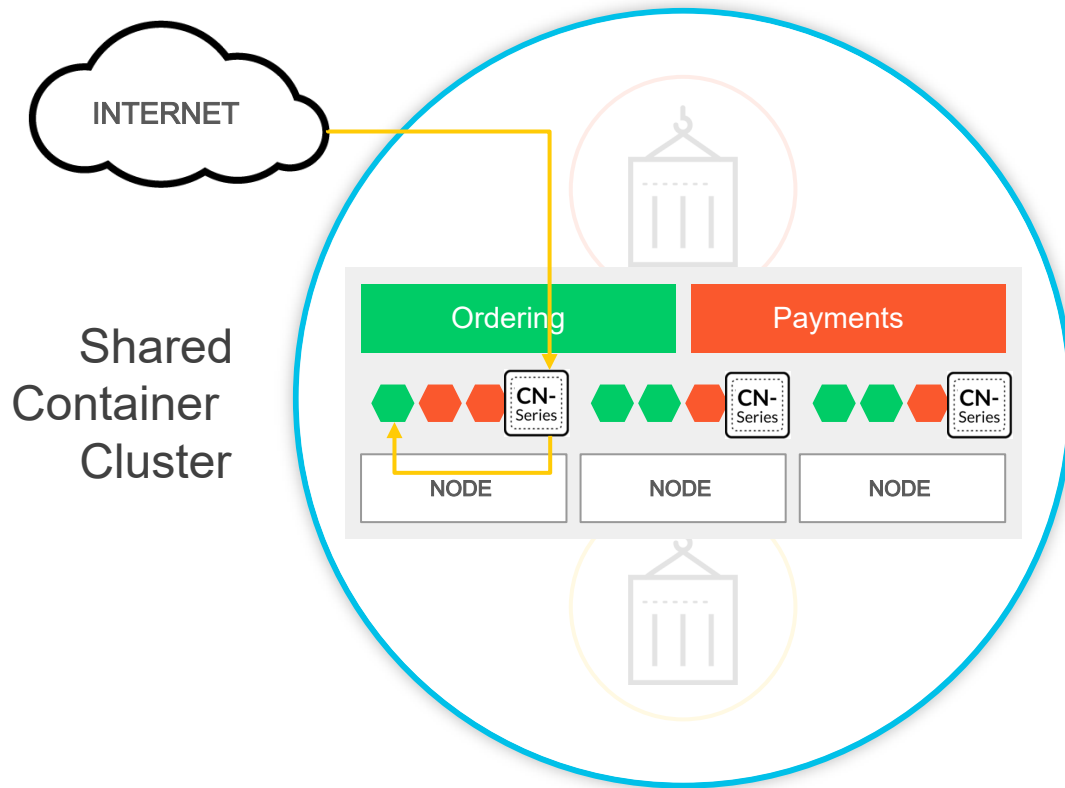
Use Case 1: East -West Layer 7 Traffic Protection



Use Case 2: Outbound Traffic Protection



Use Case 3: Inbound Traffic Protection





Thank You

