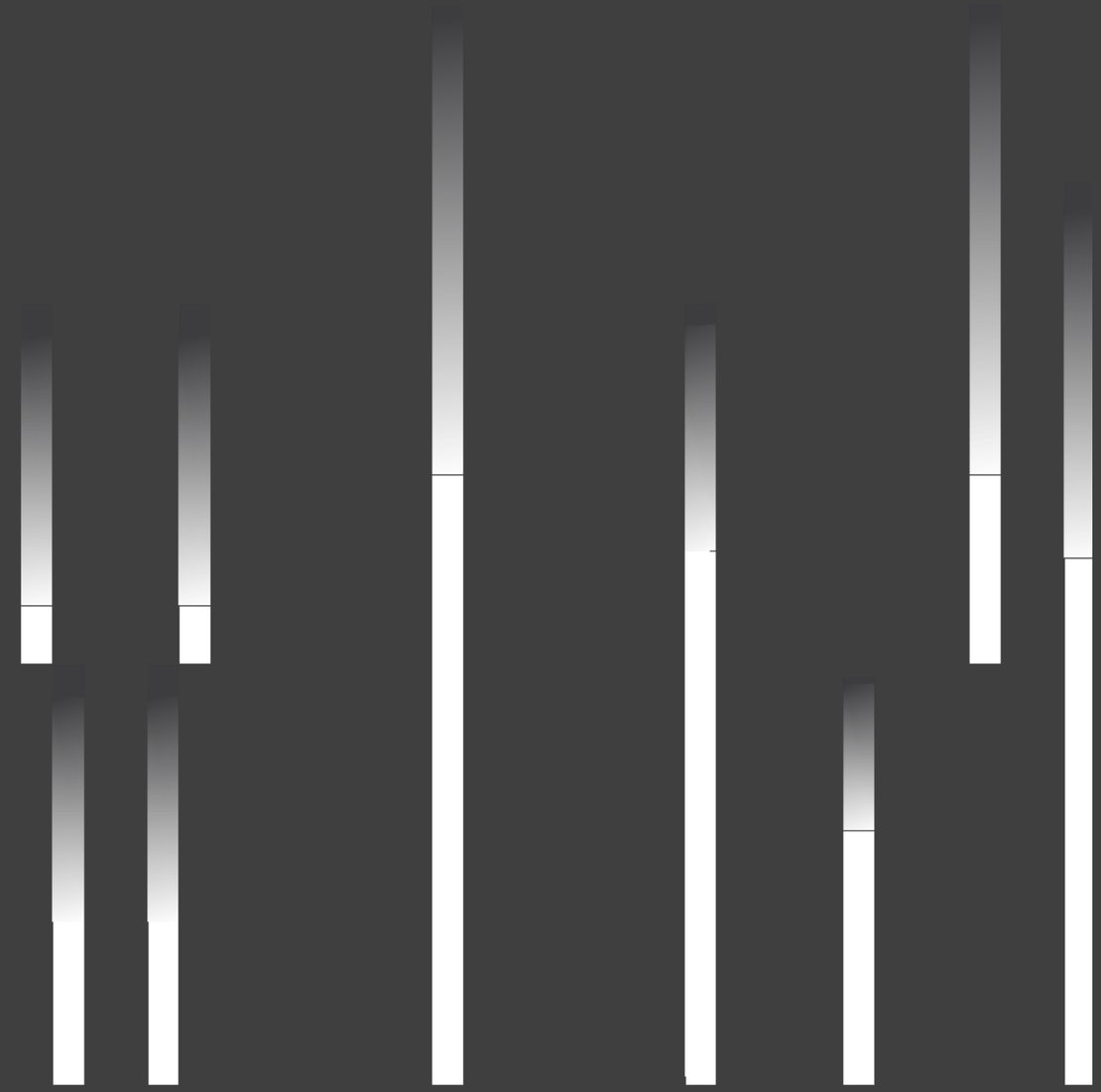
Сбор и анализ логов

Андрей Ветров

Senior Systems Engineer,
VMware

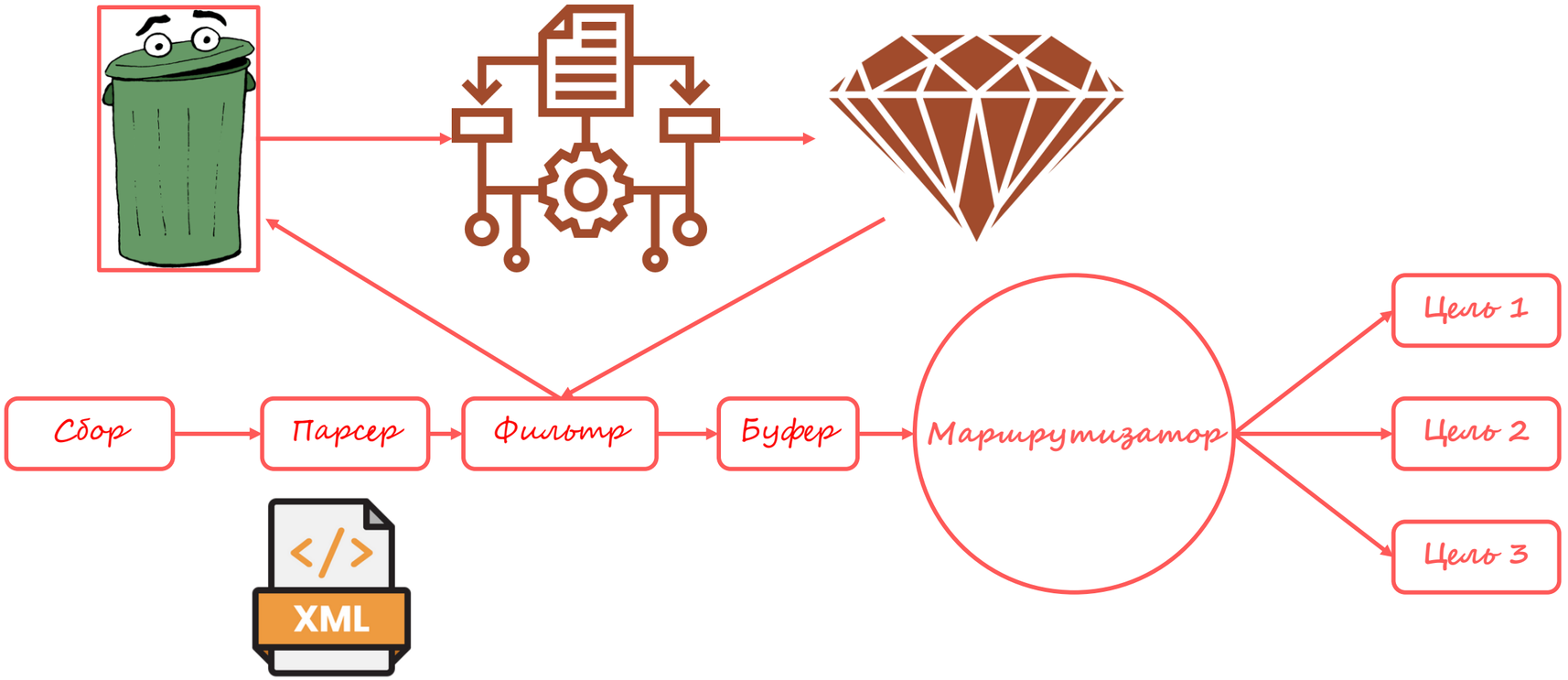
Cloud Thinking

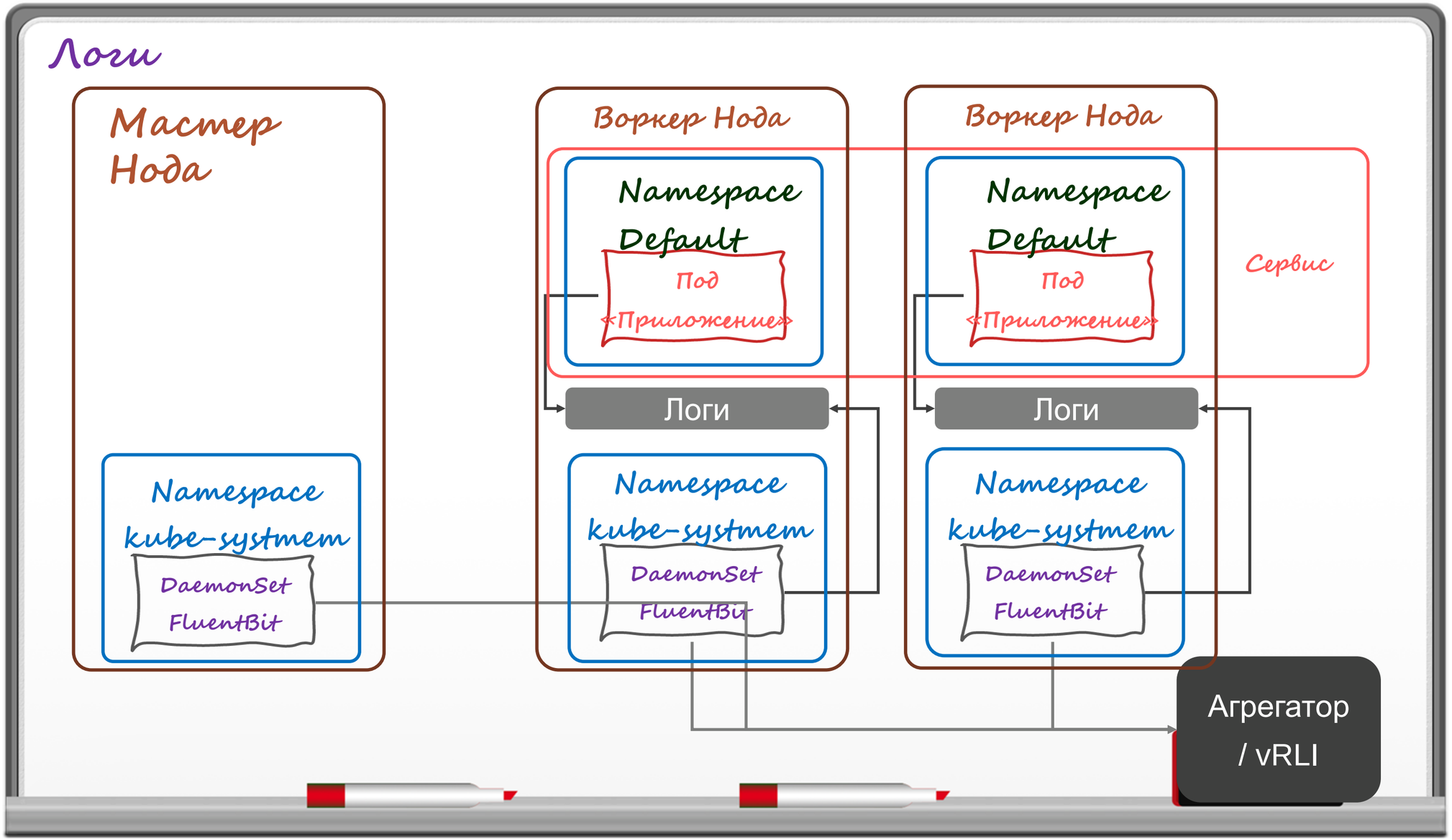


Что такое Fluent Bit?

fluentbit

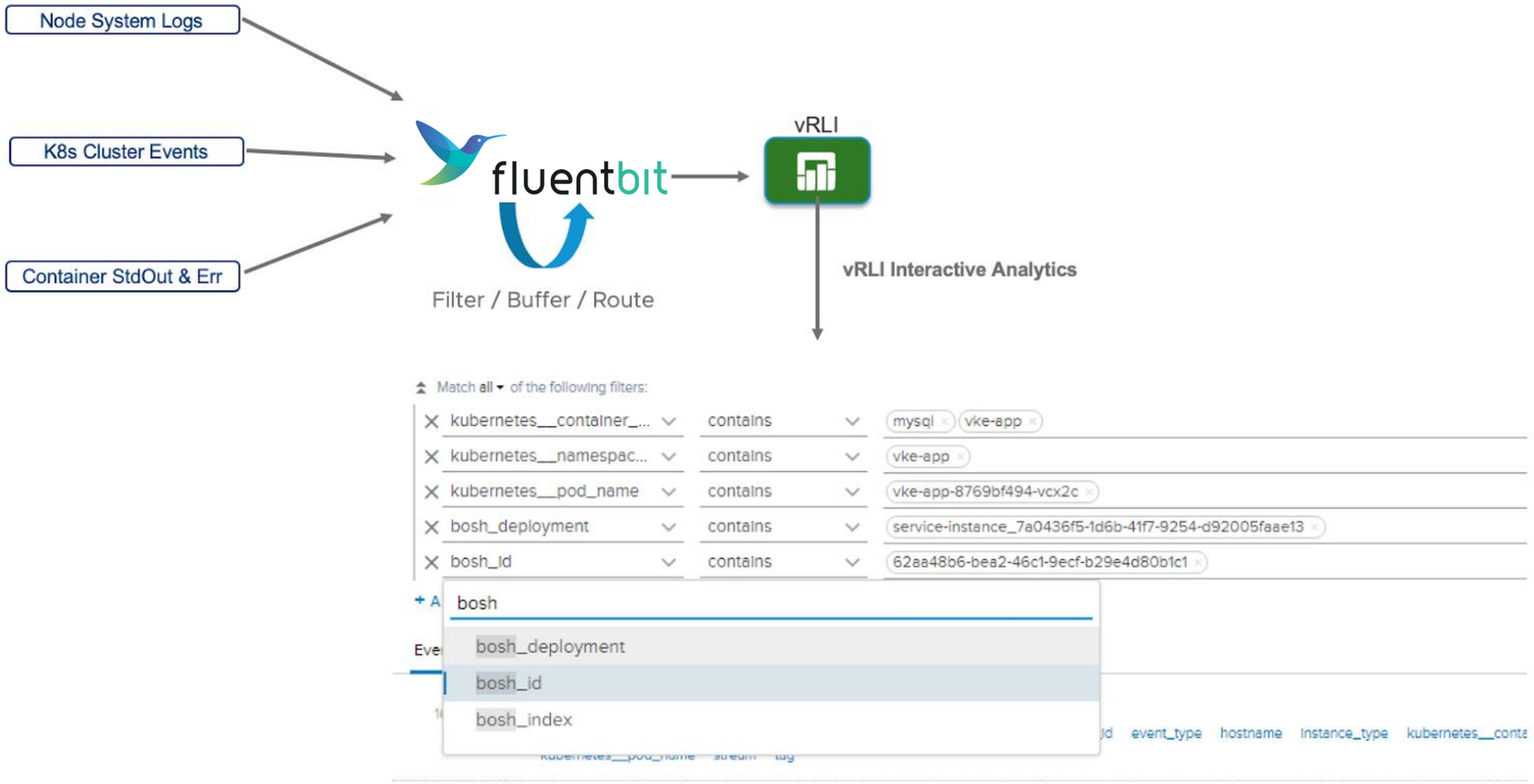
Поток данных




Логи
Мастер Нода
Namespace kube-systmem
DaemonSet FluentBit
Воркер Нода
Namespace Default
Под «Приложение»
Сервис
Логи
Namespace kube-systmem
DaemonSet FluentBit
Воркер Нода
Namespace Default
Под «Приложение»
Логи
Namespace kube-systmem
DaemonSet FluentBit
Агрегатор / vRLI

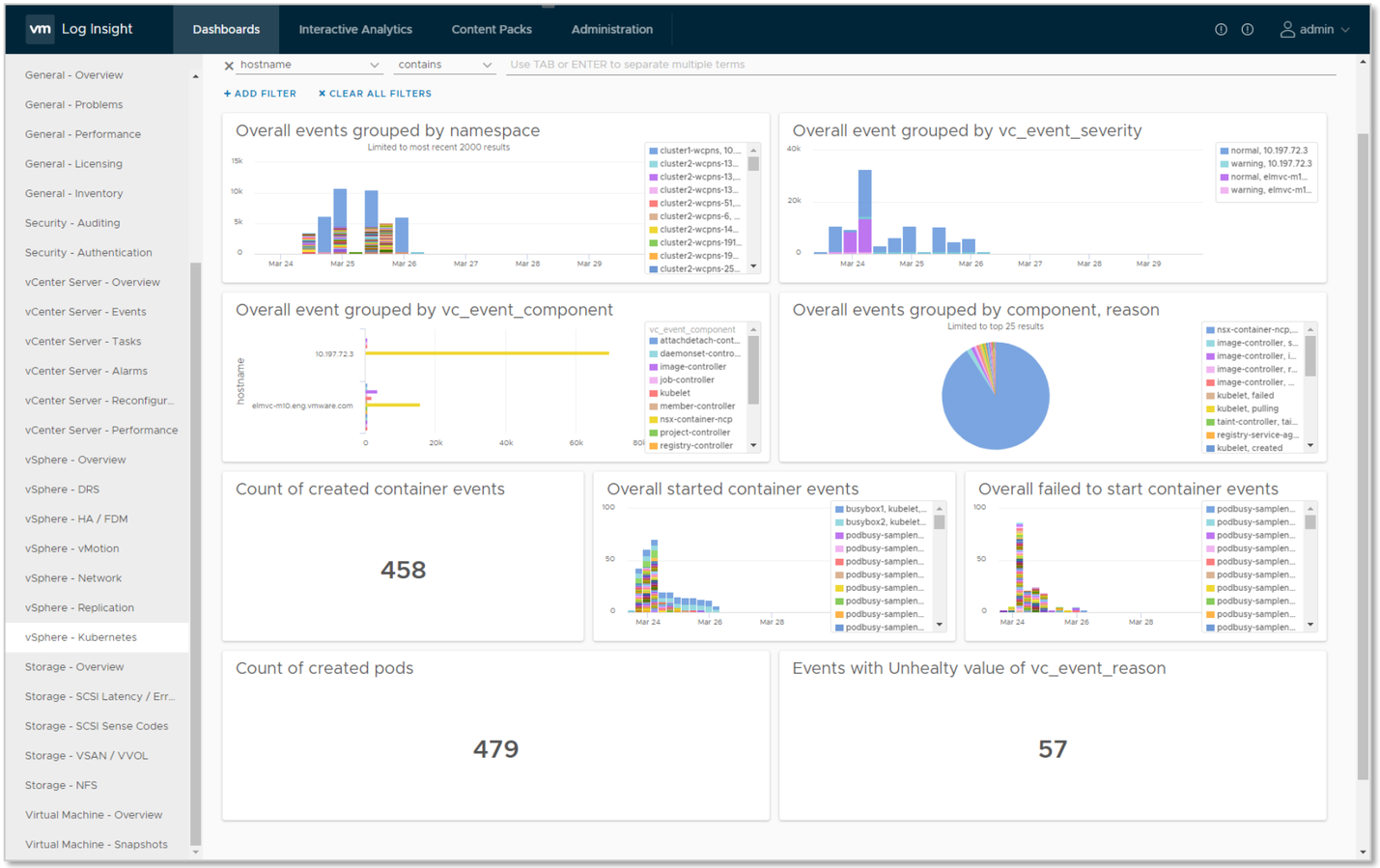
Сбор и анализ логов Kubernetes

vRealize Log Insight

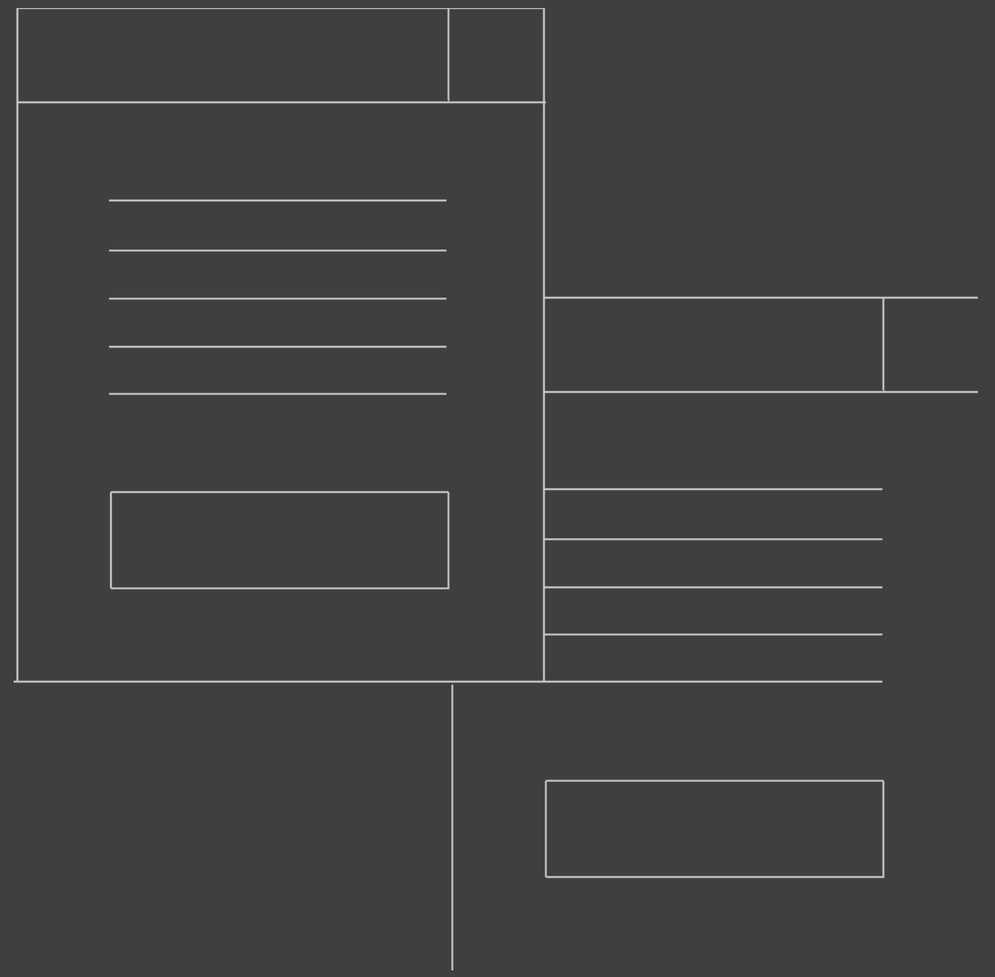


Сбор и анализ логов Kubernetes

vRealize Log Insight

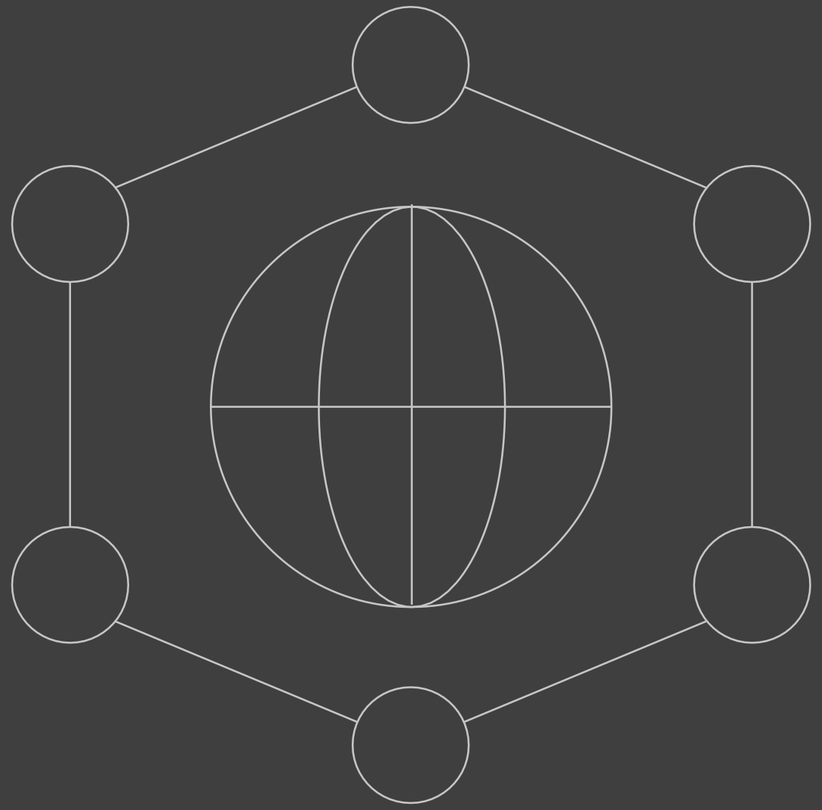


Демо

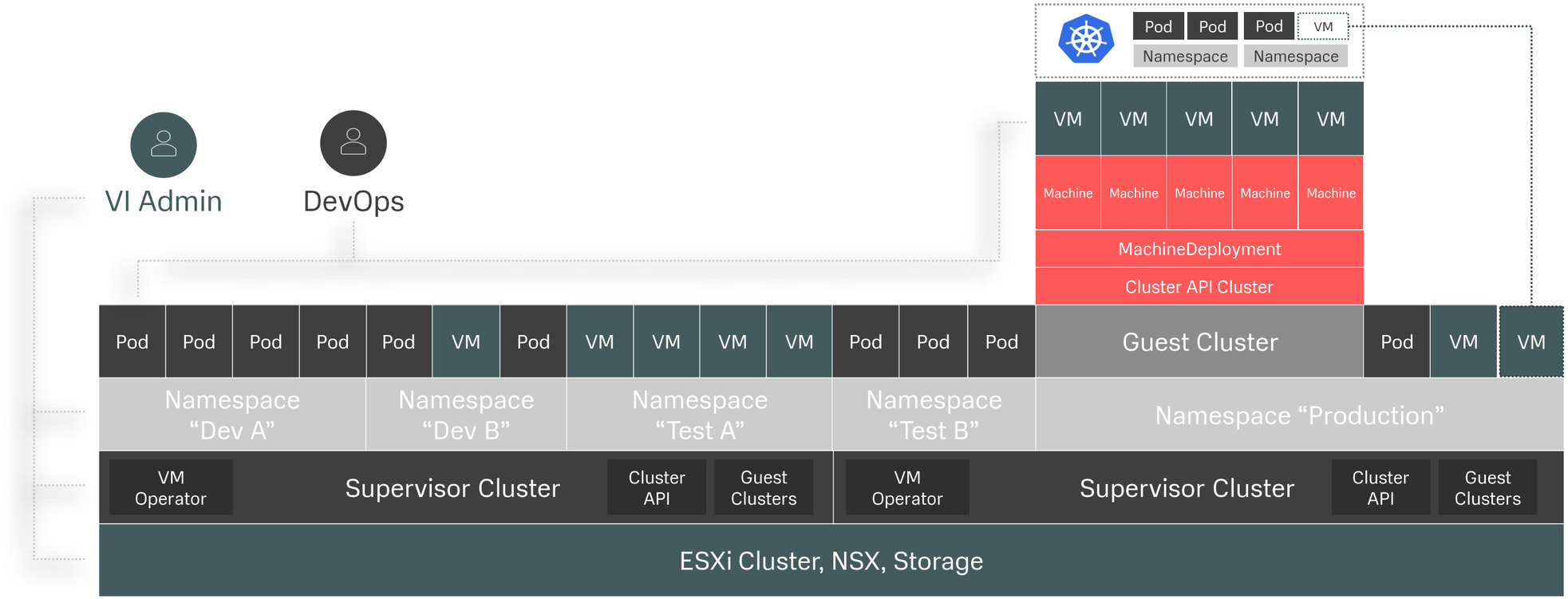


Мониторинг сети и визуализация

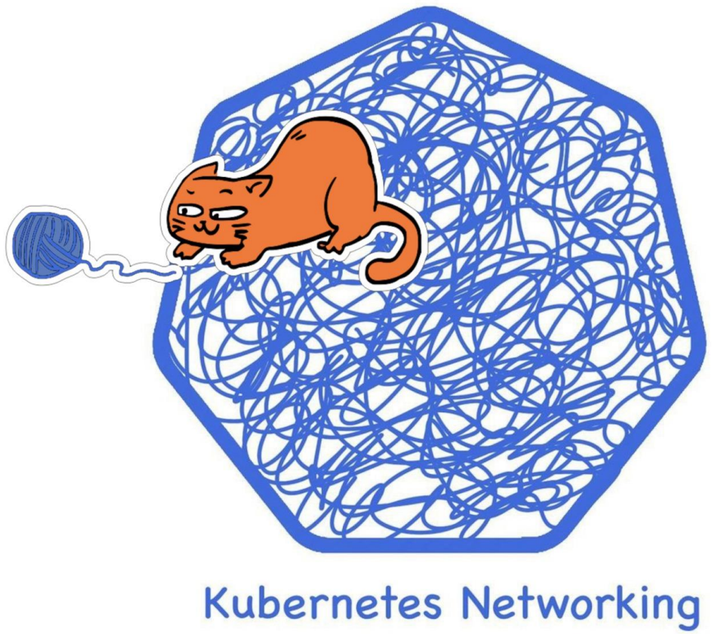
vRealize Network Insight

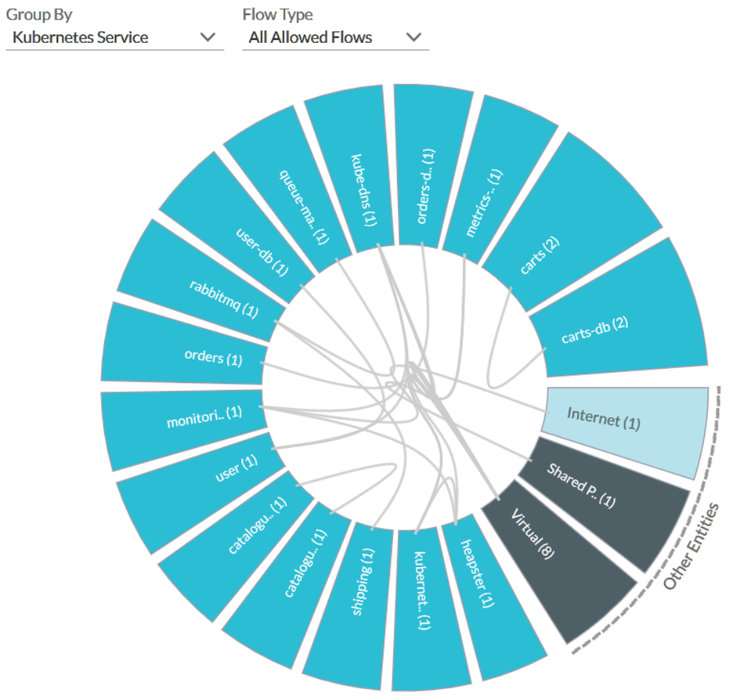


Что происходит на самом деле

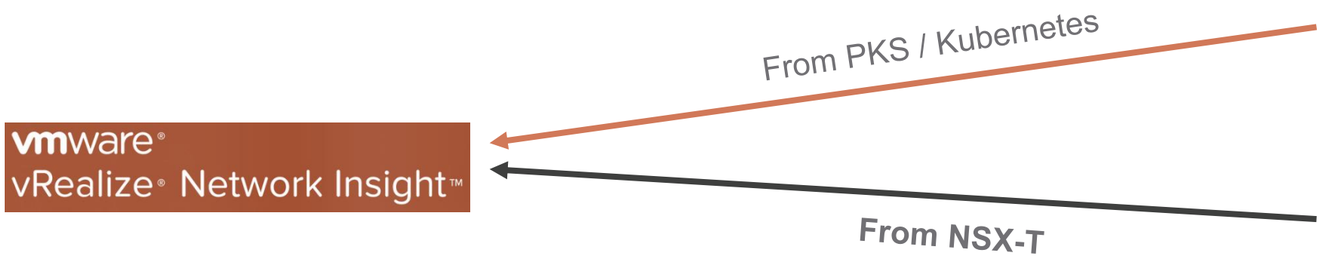


Что происходит на самом деле





High-Level Architecture



- Objects – Cluster, Namespace, Service, Pods, Nodes
- Watch
- Events / Metrics

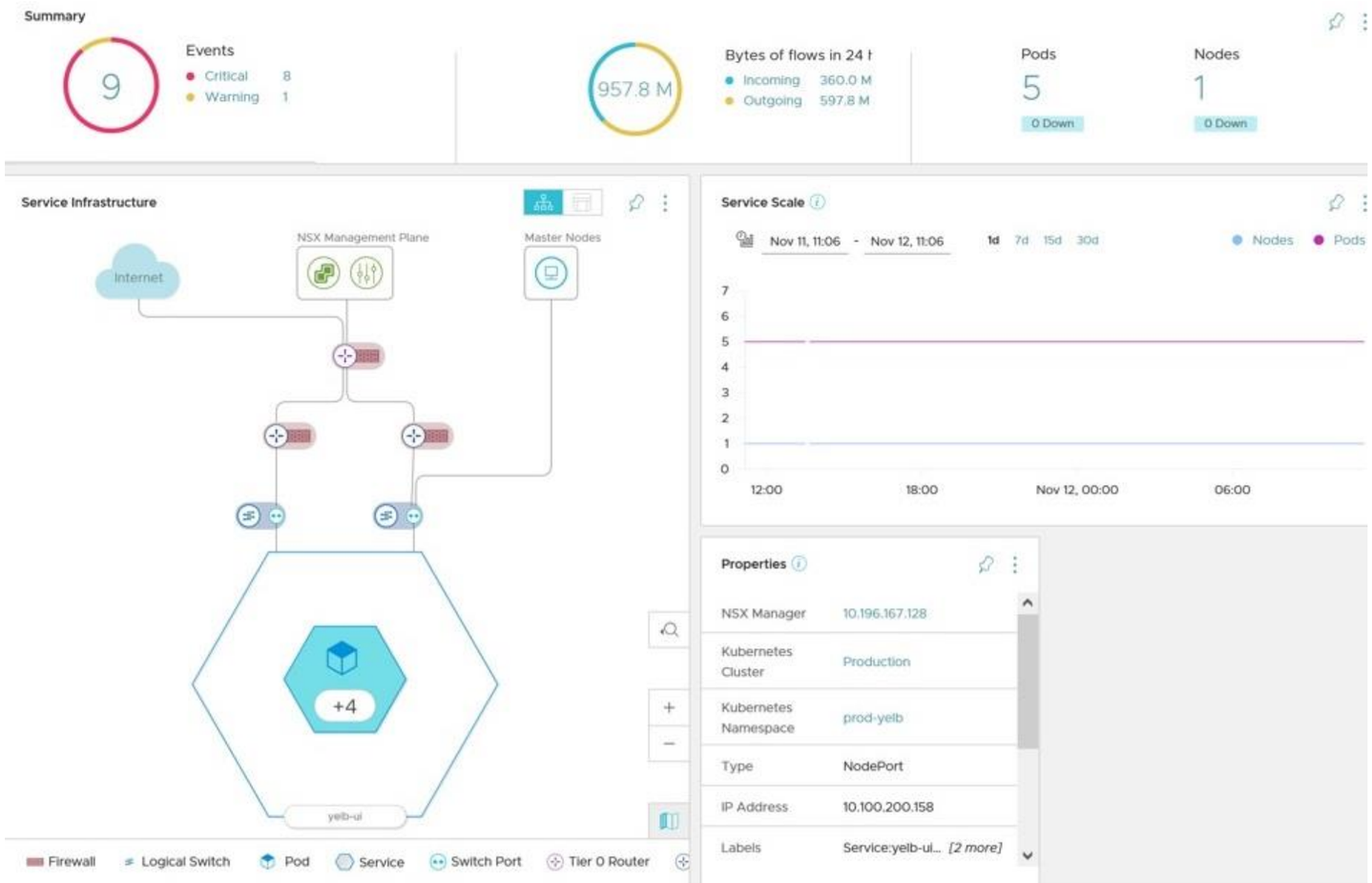
- Logical Switches and their detailed information
- Logical Routers (T0 and T1) and their detailed information
- Router and switch ports and their detailed information
- Associated IP Blocks
- NSX Groups and their members
- Associated DFW rules with NSX Groups
- Associated Load balancers
- TX/RX Counters
- IPFIX – traffic flow records

Детализация сетевой топологии сервиса

vRealize Network Insight

Ключевые возможности

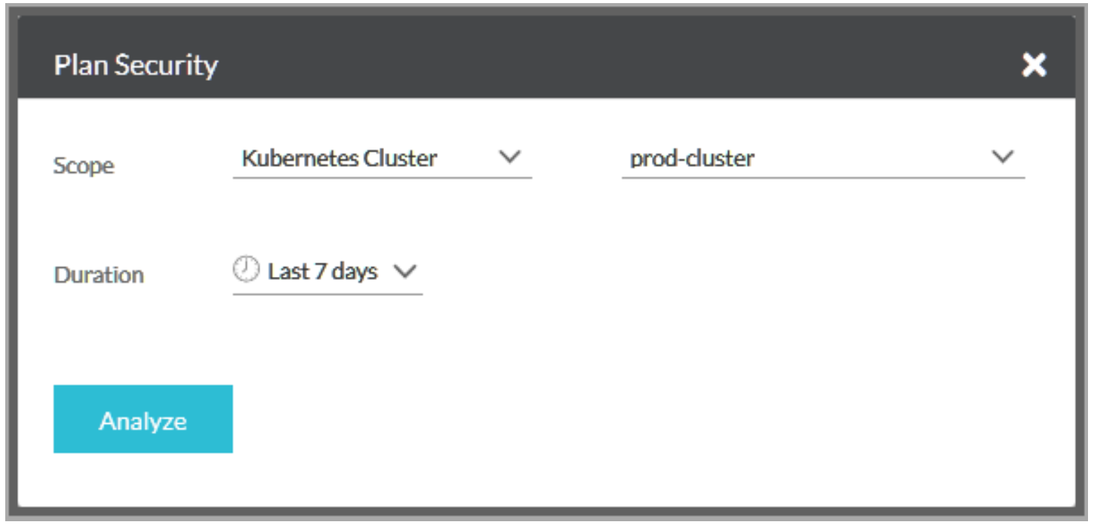
- Отображение архитектуры решения
- Взаимосвязь ивентов NSX-T и Kubernetes
- Диаграммы и графики сетевых взаимодействий

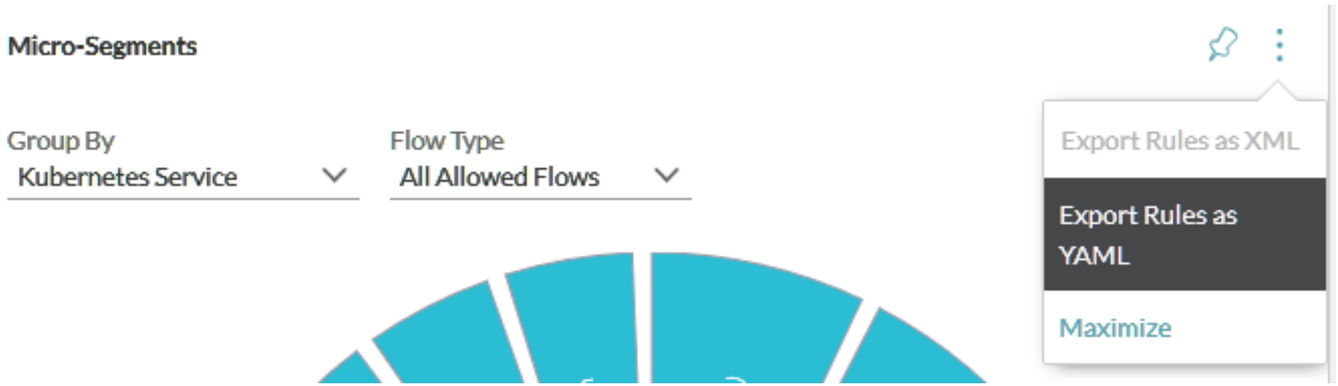


Планирование безопасности

Экспорт YAML из коробки

- Сетевые политики
- Кластеры
- Сервисы
- Namespace

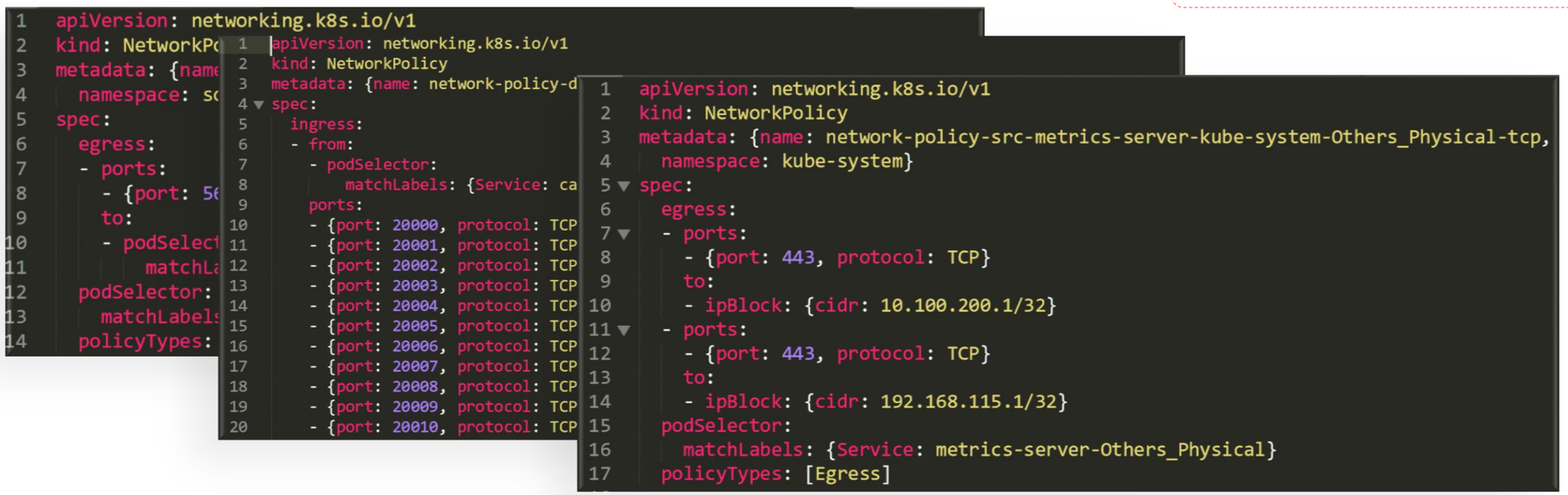




Детализация: рекомендации политик сетевой безопасности

Возможность применить на лету

- kubectl apply –f *.yaml



Спасибо!