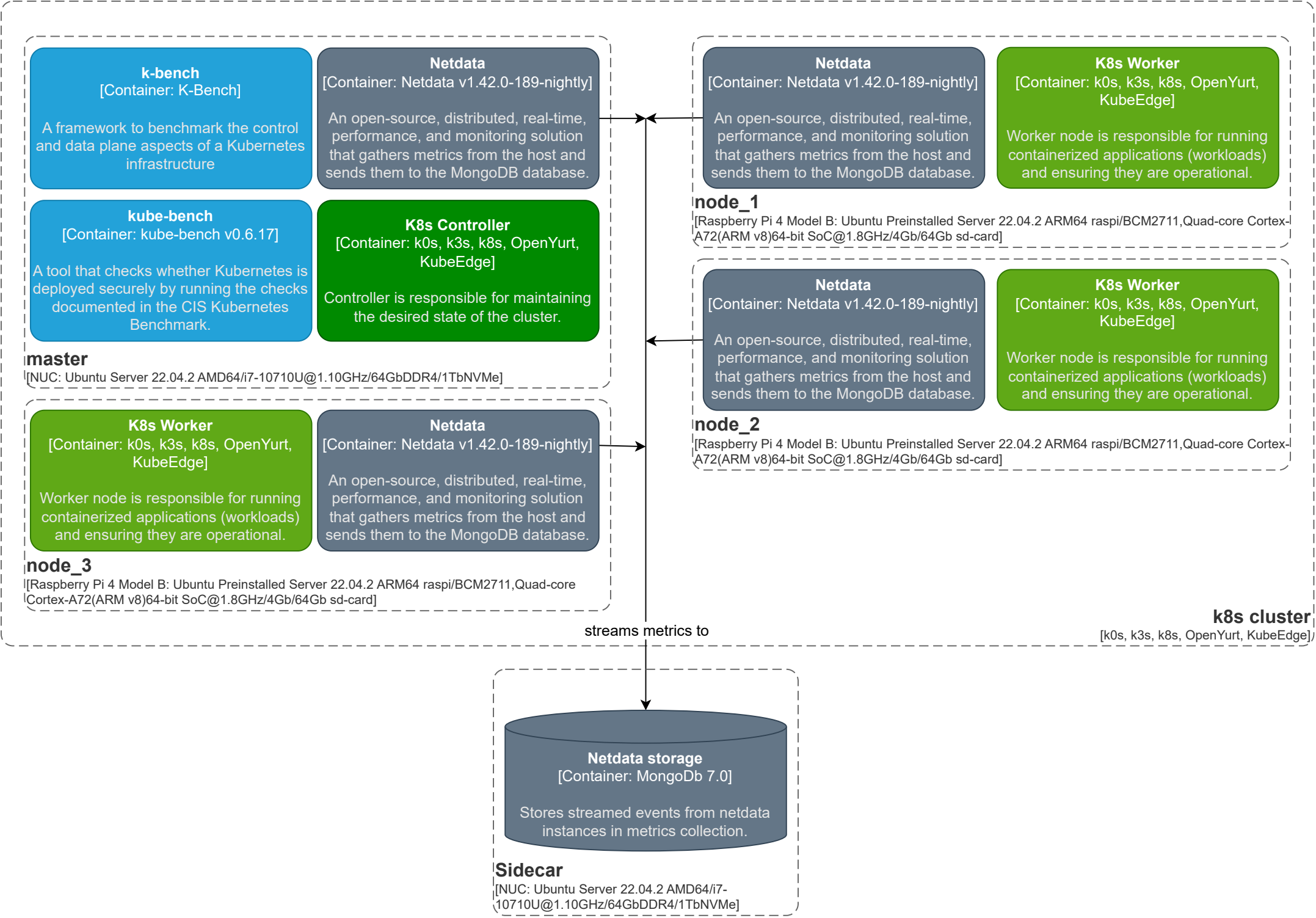
k-bench
[Container: K-Bench]
A framework to benchmark the control and data plane aspects of a Kubernetes infrastructure
Netdata
[Container: Netdata v1.42.0-189-nightly]
An open-source, distributed, real-time, performance, and monitoring solution that gathers metrics from the host and sends them to the MongoDB database.
kube-bench
[Container: kube-bench v0.6.17]
A tool that checks whether Kubernetes is deployed securely by running the checks documented in the CIS Kubernetes Benchmark.
K8s Controller
[Container: k0s, k3s, k8s, OpenYurt, KubeEdge]
Controller is responsible for maintaining the desired state of the cluster.
master
[NUC: Ubuntu Server 22.04.2 AMD64/i7-10710U@1.10GHz/64GbDDR4/1TbNVMe]
Netdata
[Container: Netdata v1.42.0-189-nightly]
An open-source, distributed, real-time, performance, and monitoring solution that gathers metrics from the host and sends them to the MongoDB database.
K8s Worker
[Container: k0s, k3s, k8s, OpenYurt, KubeEdge]
Worker node is responsible for running containerized applications (workloads) and ensuring they are operational.
node_1
[Raspberry Pi 4 Model B: Ubuntu Preinstalled Server 22.04.2 ARM64 raspi/BCM2711,Quad-core Cortex-A72(ARM v8)64-bit SoC@1.8GHz/4Gb/64Gb sd-card]
Netdata
[Container: Netdata v1.42.0-189-nightly]
An open-source, distributed, real-time, performance, and monitoring solution that gathers metrics from the host and sends them to the MongoDB database.
K8s Worker
[Container: k0s, k3s, k8s, OpenYurt, KubeEdge]
Worker node is responsible for running containerized applications (workloads) and ensuring they are operational.
node_2
[Raspberry Pi 4 Model B: Ubuntu Preinstalled Server 22.04.2 ARM64 raspi/BCM2711,Quad-core Cortex-A72(ARM v8)64-bit SoC@1.8GHz/4Gb/64Gb sd-card]
K8s Worker
[Container: k0s, k3s, k8s, OpenYurt, KubeEdge]
Worker node is responsible for running containerized applications (workloads) and ensuring they are operational.
Netdata
[Container: Netdata v1.42.0-189-nightly]
An open-source, distributed, real-time, performance, and monitoring solution that gathers metrics from the host and sends them to the MongoDB database.
node_3
[Raspberry Pi 4 Model B: Ubuntu Preinstalled Server 22.04.2 ARM64 raspi/BCM2711,Quad-core Cortex-A72(ARM v8)64-bit SoC@1.8GHz/4Gb/64Gb sd-card]
k8s cluster
[k0s, k3s, k8s, OpenYurt, KubeEdge]
streams metrics to
Netdata storage
[Container: MongoDb 7.0]
Stores streamed events from netdata instances in metrics collection.
Sidecar
[NUC: Ubuntu Server 22.04.2 AMD64/i7-10710U@1.10GHz/64GbDDR4/1TbNVMe]