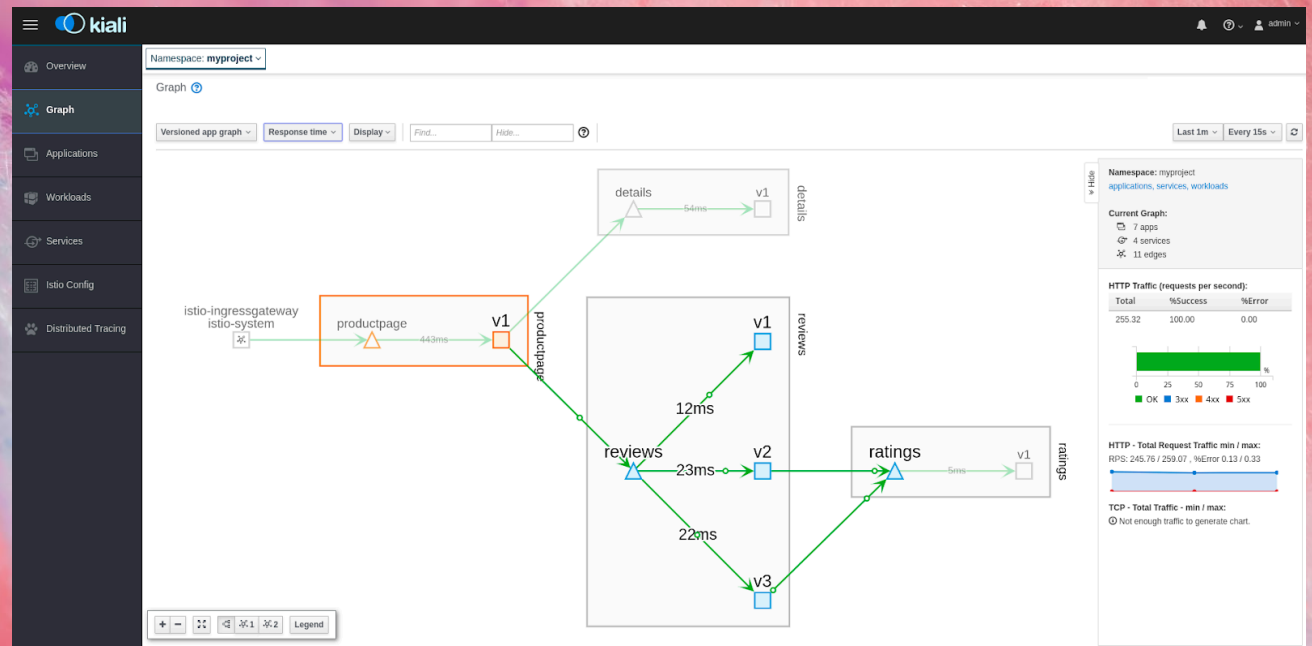


# Service Mesh 4.4.4 Install Test May 21, 2020

GWEST@REDHAT.COM



# Overview

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## Bare Metal Install

- Clean Install – 3 masters 3 workers
- 8 Cores each

## Openshift 4.4.4

## OVN Networking

## Install Service Mesh per Documentation

# Look like a cert issue

← → ↻ ⚠ Not Secure | console-openshift-console.apps.gw.io/k8s/cluster/projects/istio-system ☆ 📄 🗨 📧 📌 6 Paused

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☰ **Red Hat**  
OpenShift  
Container Platform

⚙ Administrator ▾

🏠 Home ▾  
Overview

📁 Projects ▾

🔍 Search

🔍 Explore

📅 Events

👤 Operators ▾  
OperatorHub

📁 Installed Operators

📁 Workloads ▾  
Pods

📁 Deployments

📁 Deployment Configs

📁 Stateful Sets

📁 Secrets

📁 Config Maps

You are logged in as a temporary administrative user. Update the [cluster OAuth configuration](#) to allow others to log in.

Projects > Project Details

**PR istio-system** 🟢 Active Actions ▾

Overview Details YAML Workloads Role Bindings

**Details** [View all](#)

**Name**  
istio-system

**Requester**  
kube:admin

**Labels**  
kiali.io/member-of=istio-system  
maistra.io/ignore-name...=ign...  
maistra.io/membe...=istio-syst...

**Status**  
🟢 Active

✓  
No project messages

**Inventory**  
[12 Deployments](#)  
[12 Pods](#)

**Utilization** 1 Hour ▾

Resource	Usage	9:50	10:00	10:10
CPU	47.03m	60m	40m	20m

**Activity** [View events](#)

09:50 🟢 Started contain... >

09:50 🟢 Created contain... >

09:50 🟢 Successfully pull... >

09:50 🟢 Pulling image "re... >

09:50 ⚠ [kiali-86f45596b8-j8j7v](#)  
MountVolume.SetUp failed for volume "kiali-cert" : secret "kiali-cert-secret" not found

09:50 🟢 Created pod: ki... >

09:50 🟢 Scaled up replic... >

09:50 🟢 Successfully assi... >

09:50 🟢 All components...

# Pod looks ok

The screenshot shows the Red Hat OpenShift Container Platform console. The browser address bar indicates the URL: `console-openshift-console.apps.gw.io/k8s/ns/istio-system/pods/kiali-86f45596b8-j8j7v/logs`. The console header shows the user is logged in as 'kube:admin'. A blue banner message states: "You are logged in as a temporary administrative user. Update the [cluster OAuth configuration](#) to allow others to log in."

The left sidebar contains navigation menus for Administrator, Home, Operators, and Workloads. The 'Workloads' menu is expanded, showing 'Pods' as the selected option.

The main content area displays the 'Pod Details' for the pod 'kiali-86f45596b8-j8j7v', which is in a 'Running' state. Below the pod name, there are tabs for 'Details', 'YAML', 'Environment', 'Logs', 'Events', and 'Terminal'. The 'Logs' tab is selected.

The log viewer shows a 'Log streaming...' button and a dropdown menu set to 'kiali'. There are 'Download' and 'Expand' links. The log output consists of 7 lines:

```
I0521 14:50:58.578026 1 kiali.go:66] Kiali: Version: v1.12.7.redhat1, Commit: unknown
I0521 14:50:58.578681 1 kiali.go:205] Using authentication strategy [openshift]
I0521 14:50:58.578708 1 kiali.go:87] Kiali: Console version: v1.12.7.redhat1
I0521 14:50:58.580280 1 server.go:57] Server endpoint will start at [:20001/]
I0521 14:50:58.580290 1 server.go:58] Server endpoint will serve static content from [/opt/kiali/console]
I0521 14:50:58.580302 1 metrics_server.go:18] Starting Metrics Server on [:9090]
I0521 14:50:58.580382 1 server.go:63] Server endpoint will require https
```

Apps

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Not Secure

console-openshift-console.apps.gw.io/k8s/ns/istio-system/routes

☆

G Paused

☰

Red Hat

OpenShift

Container Platform

kube:admin ▾

You are logged in as a temporary administrative user. Update the [cluster OAuth configuration](#) to allow others to log in.

Project: istio-system ▾

Routes

Create Route

Filter by name...

5 Accepted

0 Rejected

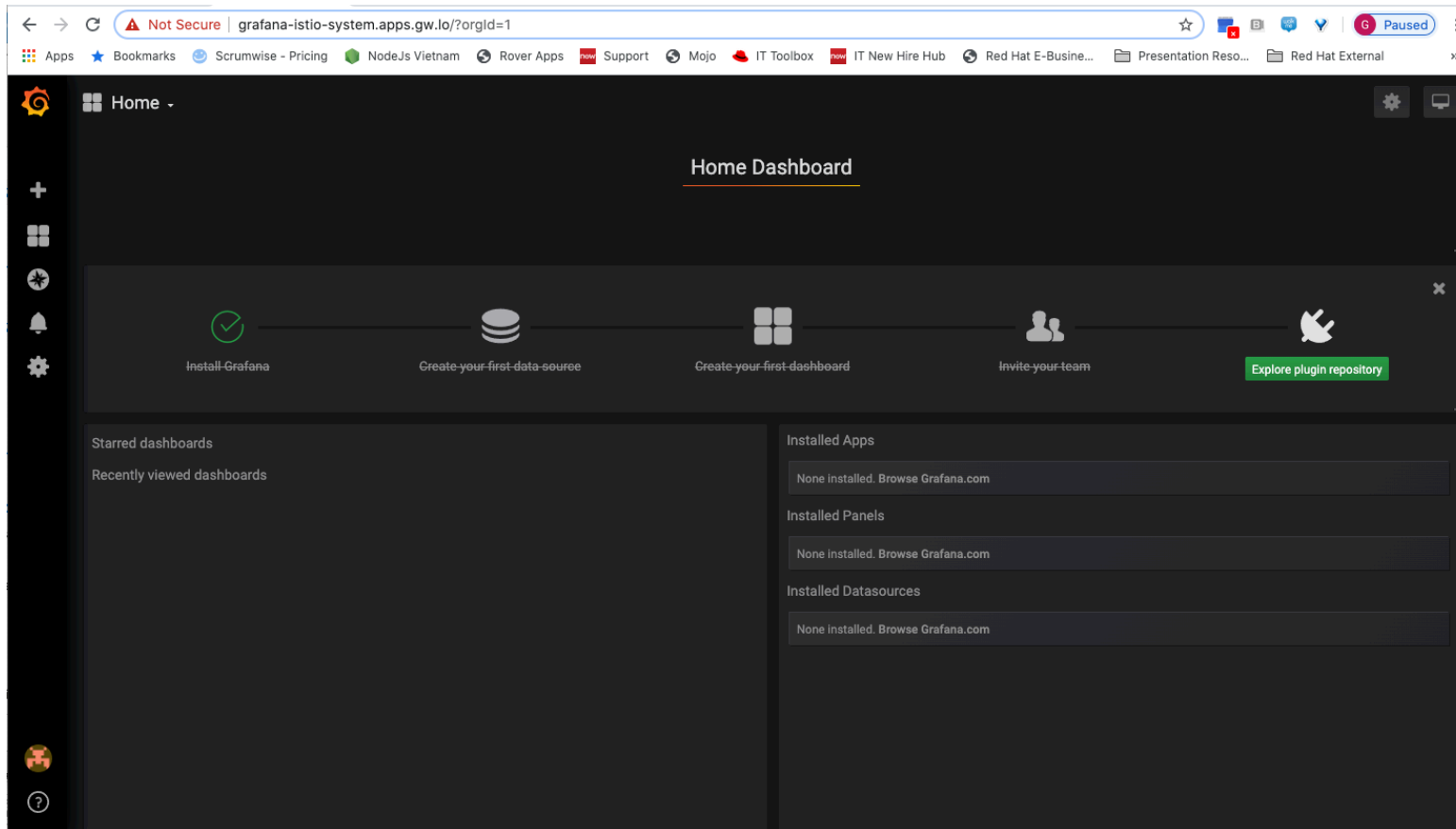
0 Pending

Select all filters

5 Items

Name ↑	Namespace ↑	Status	Location ↑	Service ↑
grafana	istio-system	Accepted	<a href="https://grafana-istio-system.apps.gw.io">https://grafana-istio-system.apps.gw.io</a>	grafana ⋮
istio-ingressgateway	istio-system	Accepted	<a href="http://istio-ingressgateway-istio-system.apps.gw.io">http://istio-ingressgateway-istio-system.apps.gw.io</a>	istio-ingressgateway ⋮
jaeger	istio-system	Accepted	<a href="https://jaeger-istio-system.apps.gw.io">https://jaeger-istio-system.apps.gw.io</a>	jaeger-query ⋮
kiali	istio-system	Accepted	<a href="https://kiali-istio-system.apps.gw.io">https://kiali-istio-system.apps.gw.io</a>	kiali ⋮
prometheus	istio-system	Accepted	<a href="https://prometheus-istio-system.apps.gw.io">https://prometheus-istio-system.apps.gw.io</a>	prometheus ⋮

# Graphana Seems fine



# Ingress: Expected?



## Application is not available

The application is currently not serving requests at this endpoint. It may not have been started or is still starting.

### Possible reasons you are seeing this page:

- **The host doesn't exist.** Make sure the hostname was typed correctly and that a route matching this hostname exists.
- **The host exists, but doesn't have a matching path.** Check if the URL path was typed correctly and that the route was created using the desired path.
- **Route and path matches, but all pods are down.** Make sure that the resources exposed by this route (pods, services, deployment configs, etc) have at least one pod running.

# Jaeger looks fine

← → ↻ ⚠ Not Secure | jaeger-istio-system.apps.gw.io/search ☆ 📄 🗨 📧 📌 ⌵

📁 Apps ★ Bookmarks 🗨 Scrumwise - Pricing 🌱 NodeJs Vietnam 🌐 Rover Apps 📄 Support 📄 Mojo 📄 IT Toolbox 📄 IT New Hire Hub 📄 Red Hat E-Busine... 📁 Presentation Reso... 📁 Red Hat External »

Jaeger UI 🔍 Lookup by Trace ID... 🔍 Compare 🏗 System Architecture ⌵ About 🔍 Log Out

**Search** JSON File

Service (0)  
Select A Service ▼

Operation (0)  
all ▼


Tags ?  
http.status\_code=200 error=true

Lookback  
Last Hour ▼

Min Duration  
e.g. 1.2s, 100ms, 500us

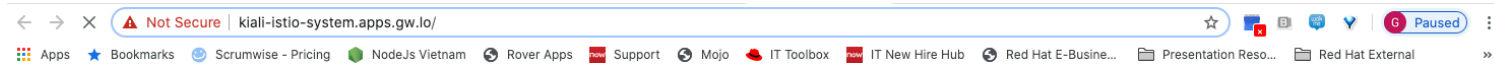
Max Duration  
e.g. 1.2s, 100ms, 500us

Limit Results  
10





# Kiali – Broken – It seems to set there forever



# Prometheus Broken

