Lab

Jon Calalang

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Lab thoughts before we get started

If I didn’t have direct internet access, how could I solve this?

If I don’t need to ”Host” it how can I demo?

What are you ”selling” with your demo?

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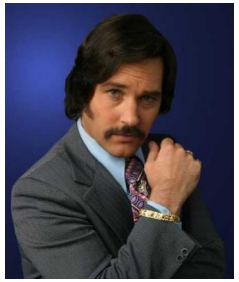
60% of the time, it works every time. – Brian Fantana



BIG-IP	• Extend to a Global Presence • Failover of Cluster / Sync of Cluster / Upgrades • Tiers of Services
NGINX	• Extend to a Global Presence • Scale Wide Enablement • L7 Object manipulation
Kubernetes	• Service Discovery • Migration Path to Edge • Simplified regex match for new services
SaaS	• Zero Infrastructure

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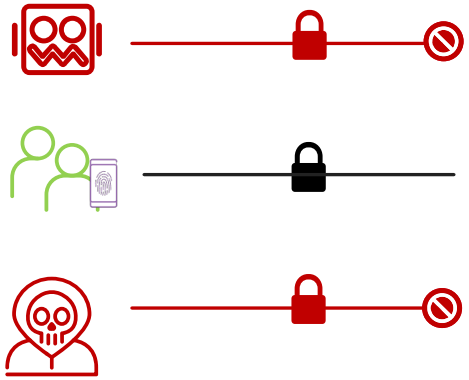
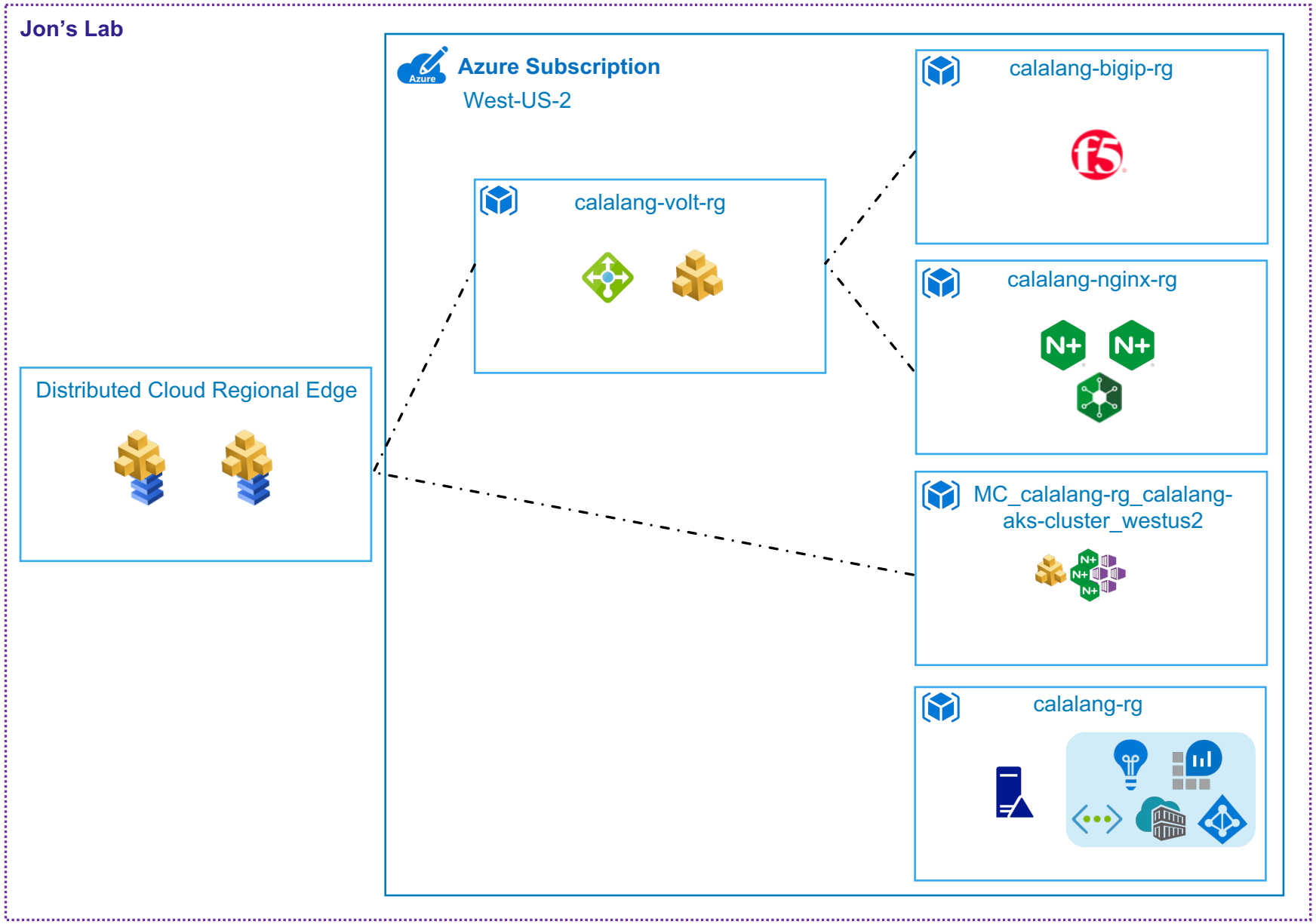
Environment



GoDaddy
Let's Encrypt

calalang.net

Distributed Cloud
Console



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Calalang- Dashboard - Microso

portal.azure.com/#@f5sales.onmicrosoft.com/dashboard/private/e268858c-280d-427d-8100-1cc01793700f

Bookmarks | Reading List

Microsoft Azure | Search resources, services, and docs (G+/) | J.Calalang@f5.com F5 SALES

Calalang- Dashboard

Private dashboard

Save | Cancel

New dashboard | Refresh | Full screen | Edit | Share | Export | Clone | Assign tags | Delete | Feedback

Auto refresh : **Off**

Last updated: a few seconds ago

Resources
calalang-rg

Refresh

calalang-winsrv	Virtual machine
calalangacr	Container registry
calalangrgdiag731	Storage account
calalang-azure-vnet	Virtual network
calalang-aks-cluster	Kubernetes service
calalangakslog	Log Analytics works...
SecurityInsights(calalangaksl...	Solution

See more...

F5 BIG-IP ASM - cala...
calalangakslog

Devices
0
Count

Pacific Standard...
Edit

9:54 PM

Thursday, February 3, 2022

Resources
calalang-bigip-rg

Refresh

calalang-azure-f5vm010	Virtual machine
calalang-azure-ext0	Network interface
calalang-azure-avset	Availability set
calalang-azure-int0	Network interface
calalang-azure-mgmt0	Network interface
calalang-azure-mgmt-pip0	Public IP address
lb5kzjyw746zkstor	Storage account

Resources
calalang-nginx-rg

Refresh

calalang-nginxplus-02	Virtual machine
calalang-nginxplus-01	Virtual machine
calalang-controller-01	Virtual machine
calalang-nginxplus-0862	Network interface
calalang-controller-01-pip	Public IP address
calalang-nginxplus-0872	Network interface
calalang-controller-240	Network interface

See more...

Resources
calalang-volt-rg

Refresh

master-0	Virtual machine
FLgfLEMQv	Virtual machine scal...
master-0-slo	Network interface
security-group	Network security gr...
FLgfLEMQv	Load balancer
master-0-public-ip	Public IP address
master-0-sli	Network interface

See more...

Resources
MC_calalang-rg_calalang-aks-cluster_westus2

Refresh

kubernetes	Load balancer
kubernetes-a15fbaab10f7f4...	Public IP address
aks-agentpool-30425553-v...	Virtual machine scal...
f43bf429-48d6-459a-8d9f-4...	Public IP address
aks-agentpool-30425553-nsg	Network security gr...
calalang-aks-cluster-agentp...	Managed Identity
kubernetes-a03a073f7d2f64f...	Public IP address

See more...

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calalang-volt-rg - Microsoft Az

portal.azure.com/#@F5Sales.onmicrosoft.com/resource/subscriptions/77c6ebef-d849-4527-a355-742d8d7d3fdc/resourceGroups/calalang-volt-rg/overview

Bookmarks | Reading List

Microsoft Azure | Search resources, services, and docs (G+/) | J.Calalang@f5.com F5 SALES

Dashboard >

calalang-volt-rg

Resource group

Search (Cmd+/)

- Overview
- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events

Settings

- Deployments
- Security
- Policies
- Properties
- Locks

Cost Management

- Cost analysis
- Cost alerts (preview)
- Budgets
- Advisor recommendations

Monitoring

- Insights (preview)
- Alerts
- Metrics
- Diagnostic settings
- Logs

Create | Edit columns | Delete resource group | Refresh | Export to CSV | Open query | Assign tags | Move | Delete | Export template | Feedback | Open in mobile

Essentials JSON View

Subscription (move) : f5-AZR_4261_SALES_NA_W

Subscription ID : 77c6ebef-d849-4527-a355-742d8d7d3fdc

Tags (edit) : Click here to add tags

Deployments : No deployments

Location : West US 2

Resources | Recommendations (9)

Filter for any field... | Type == all | Location == all | Add filter

Showing 1 to 8 of 8 records. Show hidden types

Group by kind | List view

Name	Type	Location
FLgfLEMQv	Virtual machine scale set	West US 2
FLgfLEMQv	Load balancer	West US 2
master-0	Virtual machine	West US 2
master-0-public-ip	Public IP address	West US 2
master-0-sli	Network interface	West US 2
master-0-slo	Network interface	West US 2
master-0-system	Disk	West US 2
security-group	Network security group	West US 2

calalang-rg - Microsoft Azure

portal.azure.com/#@F5Sales.onmicrosoft.com/resource/subscriptions/77c6ebef-d849-4527-a355-742d8d7d3fdc/resourceGroups/calalang-rg/overview

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Microsoft Azure | Search resources, services, and docs (G+/) | J.Calalang@f5.com F5 SALES

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calalang-rg

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Subscription (move) : f5-AZR_4261_SALES_NA_W

Subscription ID : 77c6ebef-d849-4527-a355-742d8d7d3fdc

Tags (edit) : Click here to add tags

Deployments : 11 Failed,56 Succeeded

Location : West US 2

Resources | Recommendations (24)

Filter for any field... | Type == all | Location == all | Add filter

Showing 1 to 15 of 15 records. Show hidden types

Group by kind | List view

Name	Type	Location
calalang-aks-cluster	Kubernetes service	West US 2
calalang-azure-ext-nsg	Network security group	West US 2
calalang-azure-int-nsg	Network security group	West US 2
calalang-azure-mgmt-nsg	Network security group	West US 2
calalang-azure-vnet	Virtual network	West US 2
calalang-winsrv	Virtual machine	West US 2
calalang-winsrv752	Network interface	West US 2
calalang-winsrv_OsDisk_1_130e4439ba5e48c4a5d1508f0a36e4a2	Disk	West US 2
calalangacr	Container registry	West US 2
calalangakslog	Log Analytics workspace	West US 2
ContainerInsights(calalangakslog)	Solution	West US 2
SecurityInsights(calalangakslog)	Solution	West US 2

calalang-bigip-rg - Microsoft A

portal.azure.com/#@F5Sales.onmicrosoft.com/resource/subscriptions/77c6ebef-d849-4527-a355-742d8d7d3fdc/resourceGroups/calalang-bigip-rg/overview

Bookmarks | Reading List

Microsoft Azure | Search resources, services, and docs (G+/) | J.Calalang@f5.com F5 SALES

Dashboard >

calalang-bigip-rg

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Essentials JSON View

Subscription (move) : f5-AZR_4261_SALES_NA_W

Subscription ID : 77c6ebef-d849-4527-a355-742d8d7d3fdc

Tags (edit) : Click here to add tags

Deployments : 1 Failed

Location : West US 2

Resources | Recommendations (8)

Filter for any field... | Type == all | Location == all | Add filter

Showing 1 to 7 of 7 records. Show hidden types

Group by type | List view

Name	Type	Location
Availability set		
calalang-azure-avset	Availability set	West US 2
Network interface		
calalang-azure-ext0	Network interface	West US 2
calalang-azure-int0	Network interface	West US 2
calalang-azure-mgmt0	Network interface	West US 2
Public IP address		
calalang-azure-mgmt-pip0	Public IP address	West US 2
Storage account		
lb5kzjyw746zkstor	Storage account	West US 2
Virtual machine		
calalang-azure-f5vm010	Virtual machine	West US 2

calalang-nginx-rg - Microsoft

portal.azure.com/#@F5Sales.onmicrosoft.com/resource/subscriptions/77c6ebef-d849-4527-a355-742d8d7d3fdc/resourceGroups/calalang-nginx-rg/overview

Bookmarks | Reading List

Microsoft Azure | Search resources, services, and docs (G+/) | J.Calalang@f5.com F5 SALES

Dashboard >

calalang-nginx-rg

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Essentials JSON View

Subscription (move) : f5-AZR_4261_SALES_NA_W

Subscription ID : 77c6ebef-d849-4527-a355-742d8d7d3fdc

Tags (edit) : Click here to add tags

Deployments : 16 Succeeded

Location : West US 2

Resources | Recommendations (8)

Filter for any field... | Type == all | Location == all | Add filter

Showing 1 to 11 of 11 records. Show hidden types

Group by kind | List view

Name	Type	Location
calalang-controller-01	Virtual machine	West US 2
calalang-controller-01-pip	Public IP address	West US 2
calalang-controller-01_OsDisk_1_52647f1f9be34b01835943109b363196	Disk	West US 2
calalang-controller-240	Network interface	West US 2
calalang-nginxplus-01	Virtual machine	West US 2
calalang-nginxplus-01_disk1_e66bfa45b49f4187b9fbd7098cdeb49a	Disk	West US 2
calalang-nginxplus-02	Virtual machine	West US 2
calalang-nginxplus-02_OsDisk_1_d11fb6b65eed4e6591ec9b28e5980652	Disk	West US 2
calalang-nginxplus-0862	Network interface	West US 2
calalang-nginxplus-0872	Network interface	West US 2
Storage		
calalangnginxrgdiag	Storage account	West US 2

MC_calalang-rg_calalang-aks-

portal.azure.com/#@F5Sales.onmicrosoft.com/resource/subscriptions/77c6ebef-d849-4527-a355-742d8d7d3fdc/resourceGroups/MC_calalang-rg_calalang-aks-cluster_westus2/overview

Bookmarks | Reading List

Microsoft Azure | Search resources, services, and docs (G+/) | J.Calalang@f5.com F5 SALES

Dashboard >

MC_calalang-rg_calalang-aks-cluster_westus2

Resource group

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Create | Edit columns | Delete resource group | Refresh | Export to CSV | Open query | Assign tags | Move | Delete | Export template | Feedback | Open in mobile

Essentials JSON View

Subscription (move) : f5-AZR_4261_SALES_NA_W

Subscription ID : 77c6ebef-d849-4527-a355-742d8d7d3fdc

Tags (edit) : Click here to add tags

Deployments : No deployments

Location : West US 2

Resources | Recommendations (1)

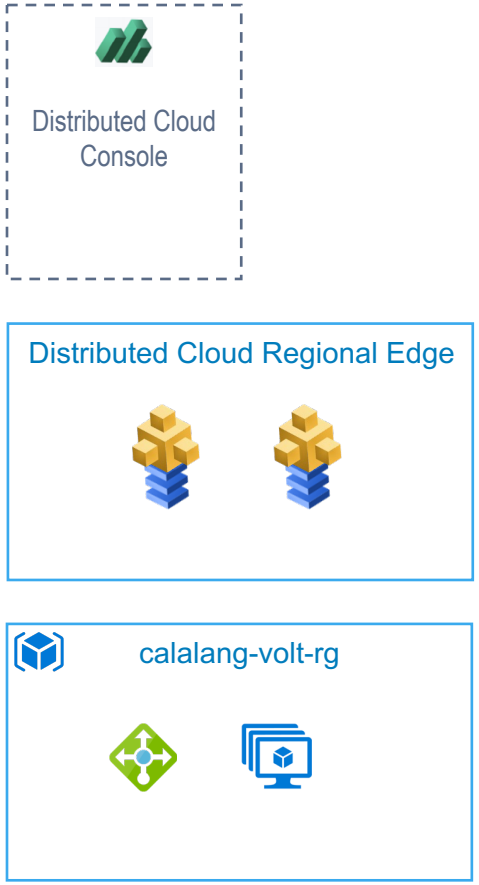
Filter for any field... | Type == all | Location == all | Add filter

Showing 1 to 7 of 7 records. Show hidden types

Group by type | List view

Name	Type	Location
Disk		
kubernetes-dynamic-pvc-b2b1921a-6775-4c0d-a785-4a233f4adab7	Disk	West US 2
Load balancer		
kubernetes	Load balancer	West US 2
Managed Identity		
calalang-aks-cluster-agentpool	Managed Identity	West US 2
omsagent-calalang-aks-cluster	Managed Identity	West US 2
Network security group		
aks-agentpool-30425553-nsg	Network security group	West US 2
Public IP address		
f43bf429-48d6-459a-8d9f-4cc5de43c889	Public IP address	West US 2
Virtual machine scale set		
aks-agentpool-30425553-vmss	Virtual machine scale set	West US 2

Distributed Cloud



Solutions:

- Load Balancers
  - bigip.calalang.net > BIG-IP (1)
  - nginx.calalang.net > NGINX Plus (2)
  - kubernetes.calalang.net > (NGINX Plus Ingress)
- Web Application Firewall
- Rate Limiting
- Client Challenge (JavaScript)
- TLS
- Request Headers
- Kubernetes Service Discovery
- Route Matching (regular expressions)
- Global Presence

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f5-sa.console.ves.volterra.io/web/workspaces/load-balancers/namespaces/j-calalang/manage/load_balancers/http_loadbalancers

Bookmarks

Select service

Load Balancers

j-calalang
Namespace

Sites

App Site Map
App Site List
App Traffic

Virtual Hosts

HTTP Load Balancers
TCP Load Balancers
HTTP Connect & DRPs

Mesh

Service Mesh

Manage

Load Balancers
Virtual Host
Virtual Sites
Public IP Addresses
Alerts Management

Advanced nav options visible Hide

Home > Load Balancers > j-calalang > Manage > Load Balancers

HTTP Load Balancers

Support

Add HTTP Load Balancer Tech Docs Watch Video Auto-Refresh: 1 Min Refresh

3 items Search

Name	Namespace	DNS Info	Certificate status	Certificate expiration date	Domains	Actions
http-lb-bigip-calalang-net	j-calalang	CNAME: ves-io-6b736...	Valid	Nov 7, 2022	bigip.calalang.net, apm.calalang.net	•••
http-lb-kubernetes-calalang-net	j-calalang	CNAME: ves-io-c296fe...	Valid	Nov 7, 2022	kubernetes.calalang.net	•••
http-lb-nginx-calalang-net	j-calalang	CNAME: ves-io-6e798...	Valid	Nov 7, 2022	nginx.calalang.net	•••

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BIG-IP

Solutions:

- Container Ingress Services
  - IPAM
- Access Policy Manager
  - SAML to AWS
  - Remote Desktop
- Web Application Firewall
- Load Balancing
  - Explicit Proxy
  - Reverse Proxy
  - NGINX Plus (2)
- IngressLink
- Automation Tool Chain
  - AS3
  - Telemetry Streaming (Azure Insights)

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BIG-IP® - calalang-azure-0.we

Not Secure | https://calalang-azure-0.westus2.cloudapp.azure.com/xui/

Bookmarks | Reading List

You are awesome!

Hostname calalang-azure-0.westus2.cloudapp.azure.com
IP Address 10.0.1.4
Date Feb 4, 2022
Time 5:22 AM (UTC)
User admin
Role Read Only
Partition: All [Read Only]
Log out

Firewall: Consistent
ONLINE (ACTIVE)
Standalone

Main | Help | About

- Statistics
- iApps
- Wizards
- DNS
- Local Traffic
  - Network Map
  - Virtual Servers
    - Policies
    - Profiles
    - Ciphers
    - iRules
    - Pools
    - Nodes
  - Monitors
  - Traffic Class
  - Address Translation
- Traffic Intelligence
- Acceleration
- Subscriber Management
- Access
- Device Management
- Shared Objects

Local Traffic » Virtual Servers : Virtual Server List

Virtual Server List | Virtual Address List | Statistics

* Search

Create...

Status	Name	Description	Application	Destination	Service Port	Type	Resources	Partition / Path
	AWS_Federation_redirect		AWS_Federation	10.0.2.18	80 (HTTP)	Standard	Edit...	Common/AWS_Federation.app
	AWS_Federation_vs		AWS_Federation	10.0.2.18	443 (HTTPS)	Standard	Edit...	Common/AWS_Federation.app
	Service_6_Azure_vs	bigip.calalang.net		apmCalalangNet	443	Standard	Edit...	Common
	Service_8_Explicit_Proxy			10.0.3.100	3128	Standard	Edit...	Common
	f5_Calalang_AD_vs		f5_Calalang_AD	10.0.2.15	389	Standard	Edit...	Common/f5_Calalang_AD.app
	nginxCalalangNet_vs	nginx.calalang.net		10.0.2.14	80 (HTTP)	Standard	Edit...	nginxCalalangNet/nginx.calalang.net
	telemetry_local	Only required when TS is a local...		255.255.255.254	6514	Standard	Edit...	Common/Shared

Enable | Disable | Delete...

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bigip.calalang.net

bigip.calalang.net/my.policy

Bookmarks

Reading List

Not the Login
your looking for.

Username

Password

Domain

Coruscant

Logon

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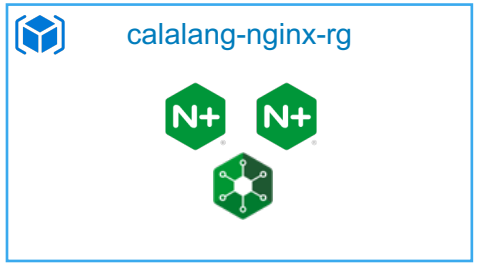
NGINX



Solutions:

- NGINX Controller
  - Analytics
  - API's
  - Load Balancing (www.nginx.org)
- NGINX Plus
  - Request Headers
  - ADC

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Controller | Calalang NGINX Ap

nginx news

Not Secure | https://calalang-controller-01.westus2.cloudapp.azure.com/services/apps/analytics/calalang_environment/calalang_nginx_app/?startTime=now-6h&filter=environment%3D%27calalang_environment...

Bookmarks

Reading List

Services

azureuser calalang

All Apps

Calalang NGINX...

Environments

Gateways

Apps

APIs

Certs

Identity Providers

Overview

Components

ANALYTICS

Critical Analytics

Security Analytics

Security Events

QUICK ACTIONS

Edit Config

Delete Config

Create Component

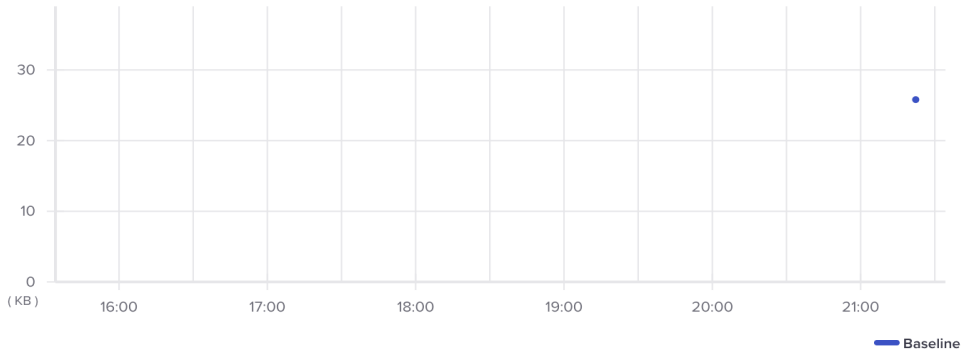
RECENT APP COMPONENTS

No Recent Compon...

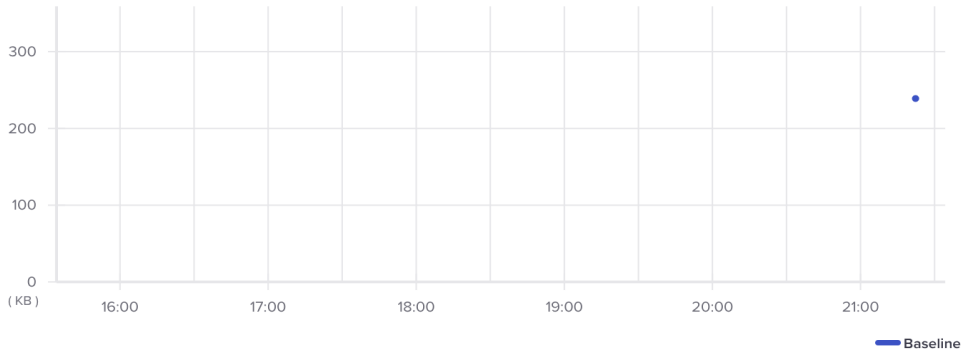
Calalang NGINX Application

Last 6 hours | Compare to: Prev day | Breakout By: App

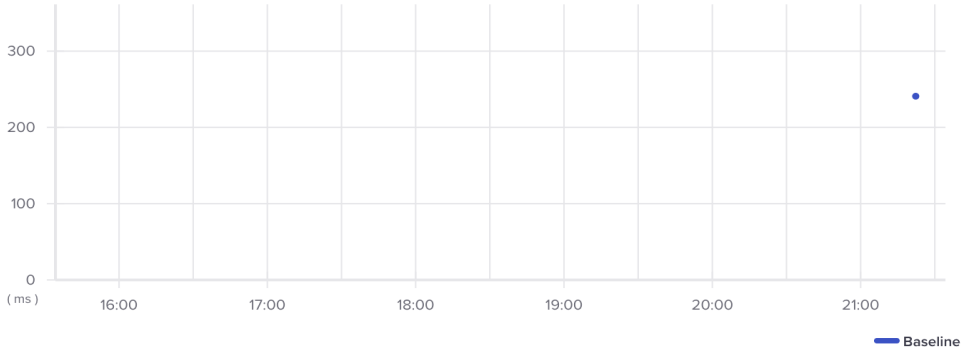
Bytes In (SUM) **25.8 KB**



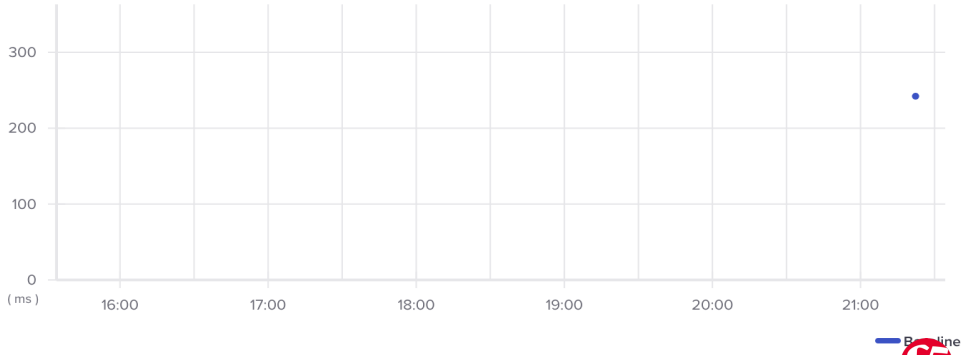
Bytes Out (SUM) **238.91 KB**



Workload Latency (AVG) **240.88 ms**



Response Duration (AVG) **242.12 ms**



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Controller | Calalang NGINX Ap | nginx news

nginx.calalang.net

Bookmarks | Reading List

Congratulations, Igor, on your retirement!
Read our tribute to the legend.

nginx news

2022-01-25 nginx-1.21.6 mainline version has been released.

2022-01-25 njs-0.7.2 version has been released.

2021-12-28 njs-0.7.1 version has been released.

2021-12-28 nginx-1.21.5 mainline version has been released.

2021-12-02 unit-1.26.1 bugfix version has been released.

2021-11-18 unit-1.26.0 version has been released, featuring multiple improvements in static content serving, application-wide PHP opcache, and a number of bugfixes.

2021-11-16 nginx-1.20.2 stable version has been released.

2021-11-02 nginx-1.21.4 mainline version has been released.

2021-10-19 njs-0.7.0 version has been released, featuring Async/Await support, WebCrypto API, and HTTPS support in ngx.fetch().

2021-09-07 nginx-1.21.3 mainline version has been released.

NGINX

english
русский

news
2021
2020
2019
2018
2017
2016
2015
2014
2013
2012
2011
2010
2009

about
download
security
documentation
faq
books
support

trac
twitter
blog

unit
njs

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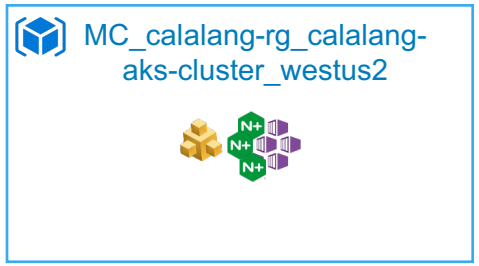
Kubernetes



Solutions:

- NGINX Service Mesh
  - Tracing
  - NGINX Ingress mTLS
- NGINX Plus Ingress Controller
- Virtual Server
  - OIDC
  - Active Health Monitors
  - Routing
  - Response Pages
  - Custom Status Zone
  - Custom KeyVal Variables
- Transport Server
  - Connection Limits
  - Active Health Monitors
  - Firewall
  - ExternalName
  - TLS Passthrough

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NGINX Mesh Top - Grafana

localhost:3000/?orgId=1&refresh=5s

Bookmarks

Reading List

General / NGINX Mesh Top

Last 5 minutes

5s

GLOBAL SUCCESS RATE

N/A

GLOBAL REQUEST VOLUME

5.63 req/s

PODS MONITORED

13

Remove this panel

Advanced

Manage your users and teams and add plugins. These steps are optional

TUTORIAL

USERS

Create users and teams

Learn to organize your users in teams and manage resource access and roles.

PLUGINS

Find and install plugins

Learn how in the docs

Request Volume

15 req/s

10 req/s

5 req/s

0 req/s

21:48:30 21:49:00 21:49:30 21:50:00 21:50:30 21:51:00 21:51:30 21:52:00 21:52:30 21:53:00

{app="coffee", deployment="coffee", instance="10.0.3.38:8887", job="nginx-mesh-sidecars", namespace="default", pod="coffee-c77446f9d-znspr", p

{app="coffee", deployment="coffee", instance="10.0.3.93:8887", job="nginx-mesh-sidecars", namespace="default", pod="coffee-c77446f9d-qzzns", p

{app="http-bin", deployment="http-bin", instance="10.0.3.131:8887", job="nginx-mesh-sidecars", namespace="default", pod="http-bin-675b8f888d-k

{app="http-bin", deployment="http-bin", instance="10.0.3.85:8887", job="nginx-mesh-sidecars", namespace="default", pod="http-bin-675b8f888d-vm

Pod Success

100%

80%

60.0%

40%

20%

0%

21:48:00 21:48:30 21:49:00 21:49:30 21:50:00 21:50:30 21:51:00 21:51:30 21:52:00 21:52:30

Nginx+ Dashboard

localhost:8080/dashboard.html#server_zones

Bookmarks

Reading List

NGINX Plus

HTTP Zones | HTTP Upstreams | TCP/UDP Zones | TCP/UDP Upstreams | Caches | Shared Zones | Cluster

Server Zones

Zone	Requests			Responses						Traffic			
	Current	Total	Req/s	1xx	2xx	3xx	4xx	5xx	Total	Sent/s	Rcvd/s	Sent	Rcvd
kubernetes.calalang.net	0	0	0	0	0	0	0	0	0	0	0	0	0

Location Zones

Zone	Requests		Responses						Traffic			
	Total	Req/s	1xx	2xx	3xx	4xx	5xx	Total	Sent/s	Rcvd/s	Sent	Rcvd
OIDC start	0	0	0	0	0	0	0	0	0	0	0	0
OIDC code exchange	0	0	0	0	0	0	0	0	0	0	0	0
OIDC logout	0	0	0	0	0	0	0	0	0	0	0	0
OIDC error	0	0	0	0	0	0	0	0	0	0	0	0

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Nginx+ Dashboard

localhost:8080/dashboard.html#upstreams

Bookmarks | Reading List

NGINX Plus

HTTP Zones | HTTP Upstreams | TCP/UDP Zones | TCP/UDP Upstreams | Caches | Shared Zones | Cluster

HTTP Upstreams

Show upstreams list

Failed only

vs_default_kubernetes.calalang.net_coffee-...

Zone: 6 %

Show all

Server			Requests		Responses			Conns		Traffic				Server checks		Health monitors				Response time	
Name	DT	W	Total	Req/s	...	4xx	5xx	A	L	Sent/s	Rcvd/s	Sent	Rcvd	Fails	Unavail	Checks	Fails	Unhealthy	Last	Headers	Response
10.0.3.38:80	0ms	1	0	0		0	0	0	∞	0	0	0	0	0	0	70	0	0	passed	–	–
10.0.3.93:80	0ms	1	0	0		0	0	0	∞	0	0	0	0	0	0	71	0	0	passed	–	–

vs_default_kubernetes.calalang.net_http-bin

Zone: 6 %

Show all

Server			Requests		Responses			Conns		Traffic				Server checks		Health monitors				Response time	
Name	DT	W	Total	Req/s	...	4xx	5xx	A	L	Sent/s	Rcvd/s	Sent	Rcvd	Fails	Unavail	Checks	Fails	Unhealthy	Last	Headers	Response
10.0.3.131:80	0ms	1	0	0		0	0	0	∞	0	0	0	0	0	0	71	0	0	passed	–	–
10.0.3.85:80	0ms	1	0	0		0	0	0	∞	0	0	0	0	0	0	70	0	0	passed	–	–

vs_default_kubernetes.calalang.net_tea-svc

Zone: 6 %

Show all

Server			Requests		Responses			Conns		Traffic				Server checks		Health monitors				Response time	
Name	DT	W	Total	Req/s	...	4xx	5xx	A	L	Sent/s	Rcvd/s	Sent	Rcvd	Fails	Unavail	Checks	Fails	Unhealthy	Last	Headers	Response
10.0.3.123:80	0ms	1	0	0		0	0	0	∞	0	0	0	0	0	0	71	0	0	passed	–	–
10.0.3.17:80	0ms	1	0	0		0	0	0	∞	0	0	0	0	0	0	70	0	0	passed	–	–

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Nginx+ Dashboard

localhost:8080/dashboard.html#tcp_zones

Bookmarks

Reading List

NGINX Plus

HTTP Zones | HTTP Upstreams | TCP/UDP Zones | TCP/UDP Upstreams | Caches | Shared Zones | Cluster

TCP/UDP Zones

Zone	Connections			Sessions				Traffic			
	Current	Total	Conn/s	2xx	4xx	5xx	Total	Sent/s	Rcvd/s	Sent	Rcvd
netskope.calalang.net	0	0	0	0	0	0	0	0	0	0	0

Limit Conn

	Zone	Passed	Rejected	Rejected (dry_run)
	addr	15	0	0

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Nginx+ Dashboard

localhost:8080/dashboard.html#tcp_upstreams

Bookmarks | Reading List

NGINX Plus

HTTP Zones | HTTP Upstreams | TCP/UDP Zones | TCP/UDP Upstreams | Caches | Shared Zones | Cluster

TCP/UDP Upstreams

Show upstreams list

Failed only

ts_nginx-ingress_calalang-netskope_netsko... Zone: 8 %

Show all

Server			Connection				Traffic				Server checks		Health monitors				Response time		
Name	DT	W	Total	Conn/s	Active	Limit	Sent/s	Rcvd/s	Sent	Rcvd	Fails	Unavail	Checks	Fails	Unhealthy	Last	Connect	First byte	Response
20.125.8.137:443	0ms	1	0	0	0	∞	0	0	0	0	0	0	73	0	0	passed	–	–	–

subdomain-netskope-calalang-net.westus2.cloudapp.azure.com:443

20.125.8.137:443

up

Total downtime: 0ms

Last check: passed

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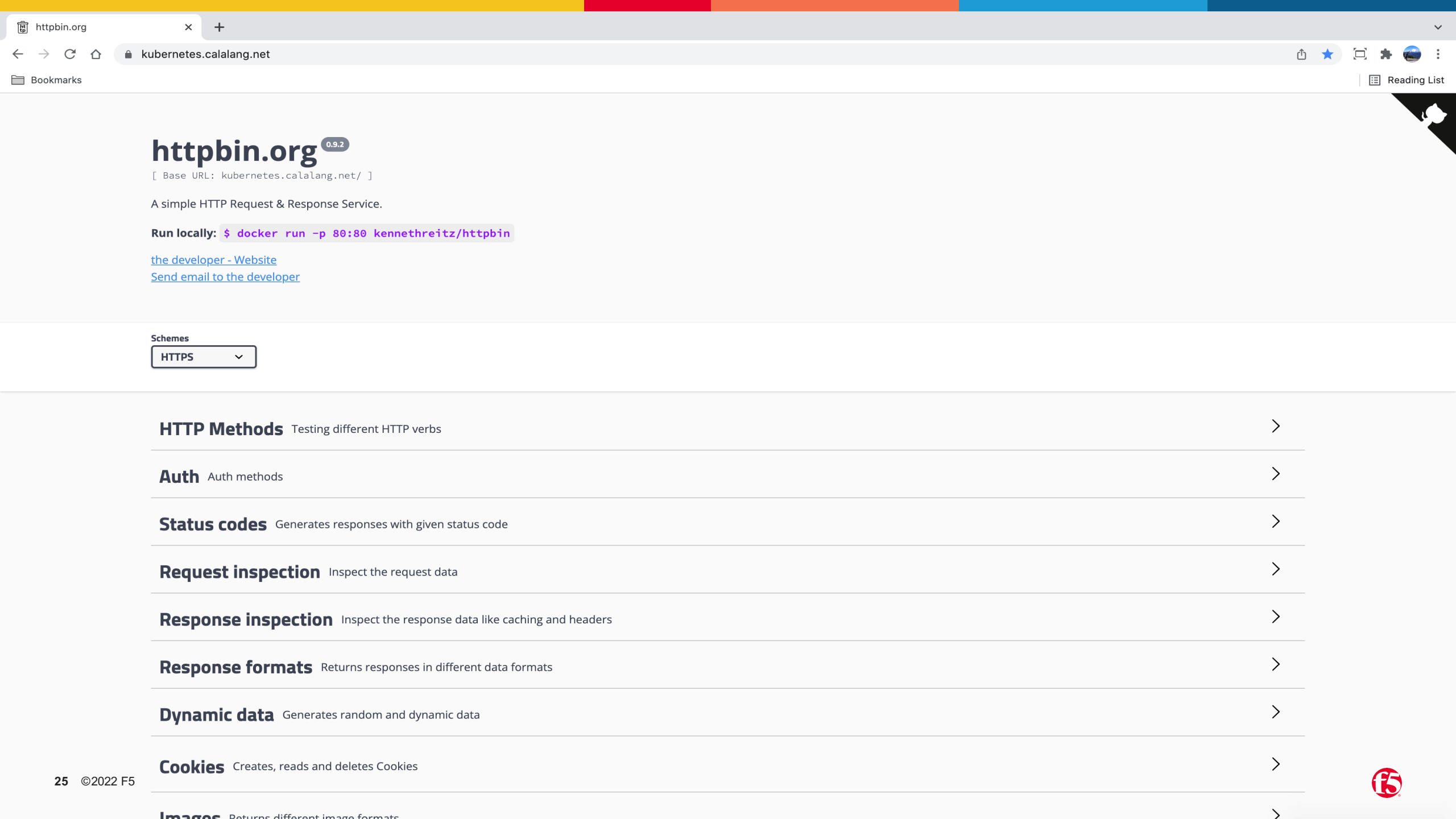
httpbin.org
kubernetes.calalang.net
Bookmarks
Reading List
httpbin.org 0.9.2
[Base URL: kubernetes.calalang.net/]
A simple HTTP Request & Response Service.
Run locally: $ docker run -p 80:80 kennethreitz/httpbin
the developer - Website
Send email to the developer
Schemes
HTTPS
HTTP Methods Testing different HTTP verbs
Auth Auth methods
Status codes Generates responses with given status code
Request inspection Inspect the request data
Response inspection Inspect the response data like caching and headers
Response formats Returns responses in different data formats
Dynamic data Generates random and dynamic data
Cookies Creates, reads and deletes Cookies

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https://kubernetes.calalang.net

kubernetes.calalang.net/tea

Bookmarks

Reading List

```
Server address: 127.0.0.1:80
Server name: tea-58b7d66b9c-bl6dh
Date: 04/Feb/2022:05:44:05 +0000
URI: /tea
Request ID: bd571651f77d9977d9536a873b714a27
```

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https://kubernetes.calalang.net

kubernetes.calalang.net/status

Bookmarks

Reading List

```
Hello from 10.0.3.117
```

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Services

Solutions:

- GoDaddy
  - bigip.calalang.net > cname Volterra
  - nginx.calalang.net > cname Volterra
  - kubernetes.calalang.net > cname Volterra
  - txt records for certbot
- CertBot
  - TLS Certificates
- Windows Domain Controller
  - BIG-IP Access Policy Manager
- Azure AD
  - NGINX Ingress OIDC
- Azure Virtual Network
- Azure Insights
  - BIG-IP Telemetry Steaming
- Azure Container Registry
  - Azure Kubernetes Service
  - Volterra

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