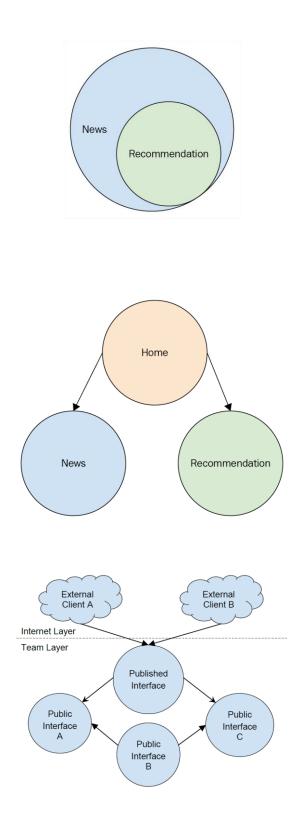
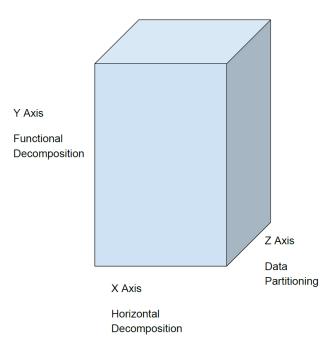
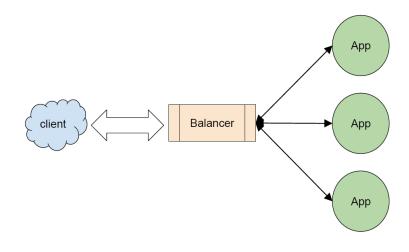
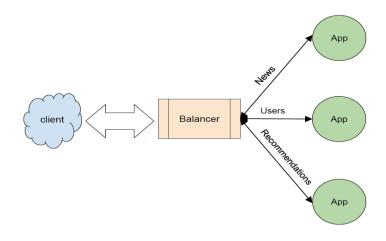
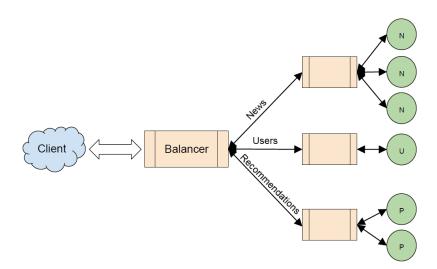
Chapter 1: Understanding the Microservices Concepts

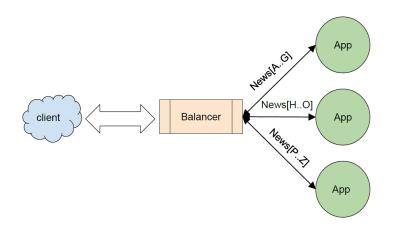


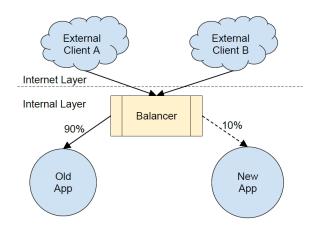


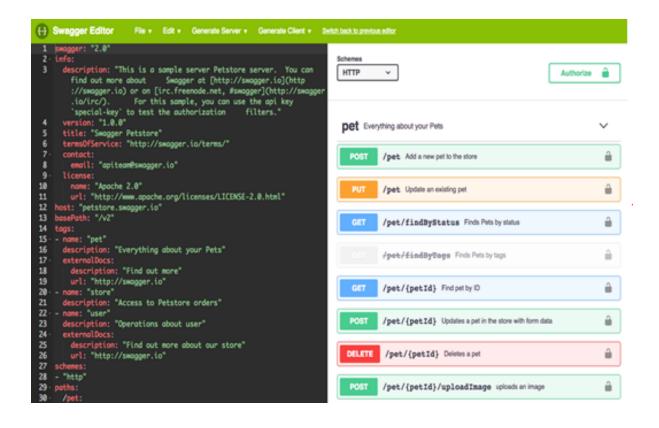




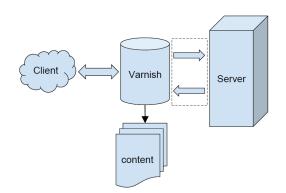




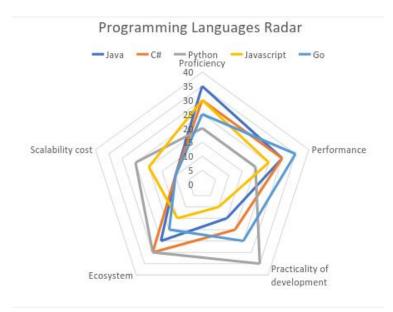


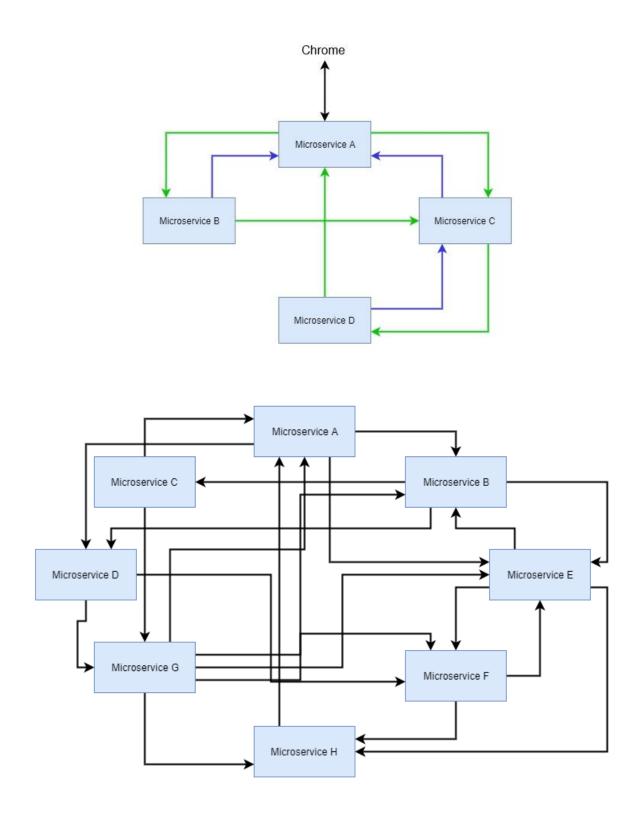


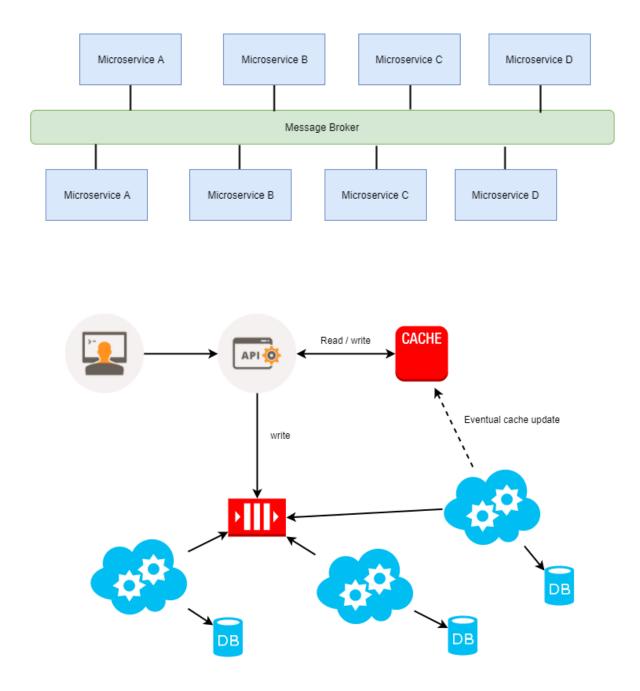
getUser							
	getUserIdentification						
	getUserAddress						
	getUserContacts						

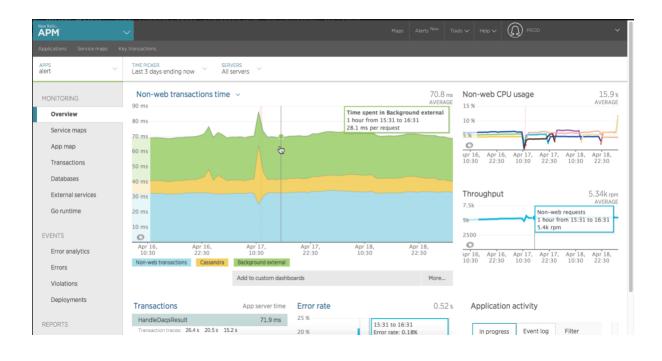


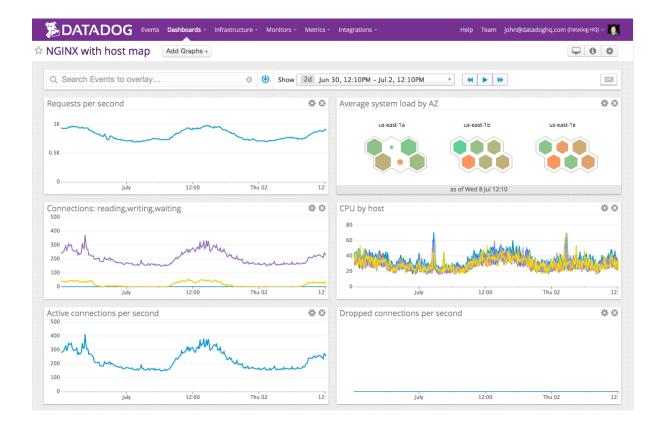
Chapter 2: The Microservice Tools

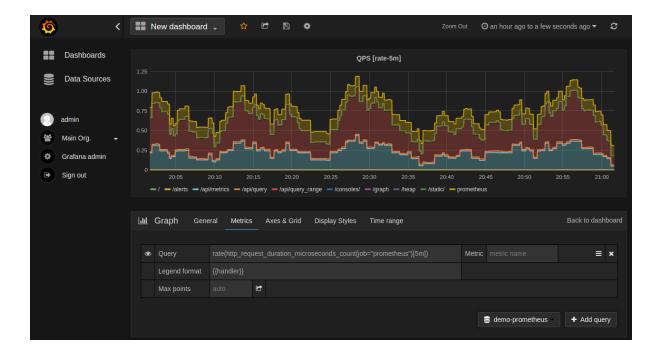












Server Softwa Server Hostna Server Port:	Werkze localł 5000	eug/0.12. Nost	2						
Document Path Document Leng	/ 11 byt	/ 11 bytes							
Concurrency Level: Time taken for tests: Complete requests: Failed requests: Total transferred: HTML transferred: Requests per second: Time per request: Time per request: Transfer rate:			1000 0 165000 11000 444.99 224.72 2.247	2.247 seconds 1000					
Connection Times (ms)									
				median					
Connect:			0.1		1				
Processing:									
Waiting:									
Total:	59	210	37.5	221	232				

wrk - a HTTP benchmarking tool

wrk is a modern HTTP benchmarking tool capable of generating significant load when run on a single multi-core CPU. It combines a multithreaded design with scalable event notification systems such as epoll and kqueue.

An optional LuaJIT script can perform HTTP request generation, response processing, and custom reporting. Details are available in SCRIPTING and several examples are located in scripts/.

Basic Usage

wrk -t12 -c400 -d30s http://127.0.0.1:8080/index.html

This runs a benchmark for 30 seconds, using 12 threads, and keeping 400 HTTP connections open.

Output:

Running 30s test @ http://127.0.0.1:8080/index.html 12 threads and 400 connections Thread Stats Avg Stdev Max +/- Stdev Latency 635.91us 0.89ms 12.92ms 93.69% Req/Sec 56.20k 8.07k 62.00k 86.54% 22464657 requests in 30.00s, 17.76GB read Requests/sec: 748868.53 Transfer/sec: 606.33MB

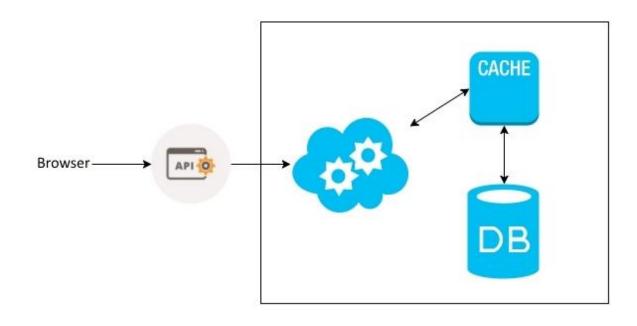
Running 10s test @ http://localhost:5000/ 4 threads and 100 connections									
Avg	Stdev	Max	+/- Stdev						
68.68ms	73.98ms	678.53ms	89.14%						
92.41	25.42	141.00	69.17%						
3688 requests in 10.09s, 594.26KB read									
365.55									
58.90KE	3								
	100 conne Avg 68.68ms 92.41 in 10.099 365.55	100 connections Avg Stdev 68.68ms 73.98ms 92.41 25.42 in 10.09s, 594.20	100 connections Avg Stdev Max 68.68ms 73.98ms 678.53ms 92.41 25.42 141.00 in 10.09s, 594.26KB read 365.55						

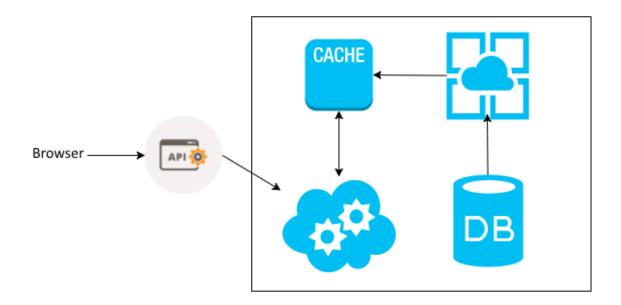
Q	LOCUST A MODERN LOAD TESTING TOOL		STATUS RUNNING 9600 users Edit	slaves 6	^{RPS}	.4	FAILURES	STOP	Reset Stats
	Failures Exceptions								
Type	Name	# requests	# fails	Median	Average	Min	Max	Content Size	# reqs/sec
GET		1831	0	21	21	4	38	19947	18.3
GET	/blog	608	0	25	26	3	49	19841	6.9
GET	/blog/[post-slug]	612	0	14	15	2	27	19858	7.8
GET	/forum	573	0	26	26	3	49	20209	5.5
GET	/forum/[thread-slug]	596	0	30	30	6	55	20209	5.3
POST	/forum/[thread-slug]	71	0	62	63	13	120	11188	0.6
POST	/forum/new	64	0	59	58	6	108	3272	0.1
GET	/signin	3439	0	26	26	3	49	19850	31.:
	Total	7794	0	26	25	2	120	19711	76.4

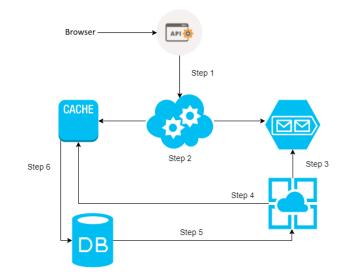
Chapter 3: Internal Patterns

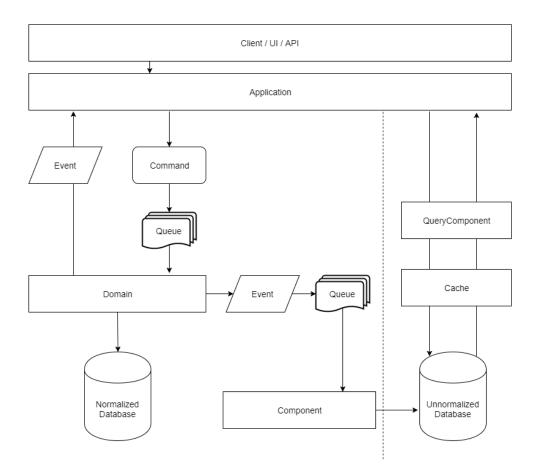
Table "public.users"								
Column	Type	Modifiers	Storage	Stats target	Description			
	+	+	+	+	+			
id	integer	<pre>not null default nextval('users_id_seq'::regclass)</pre>	plain					
name	text	not null	extended					
email	text	not null	extended					
password	text	not null	extended					
Indexes:								

"users_pkey" PRIMARY KEY, btree (id)

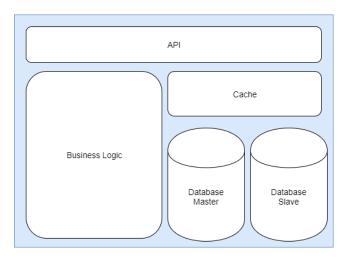


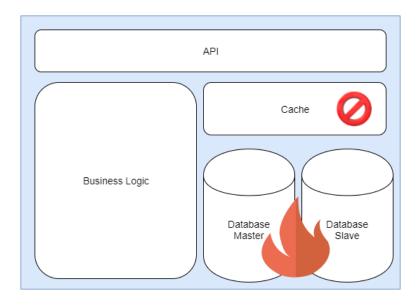


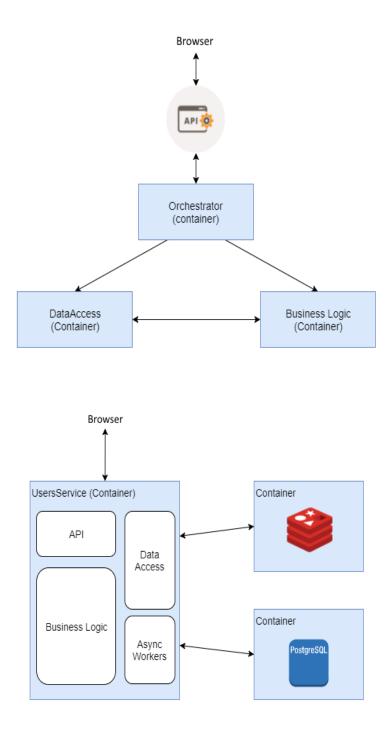


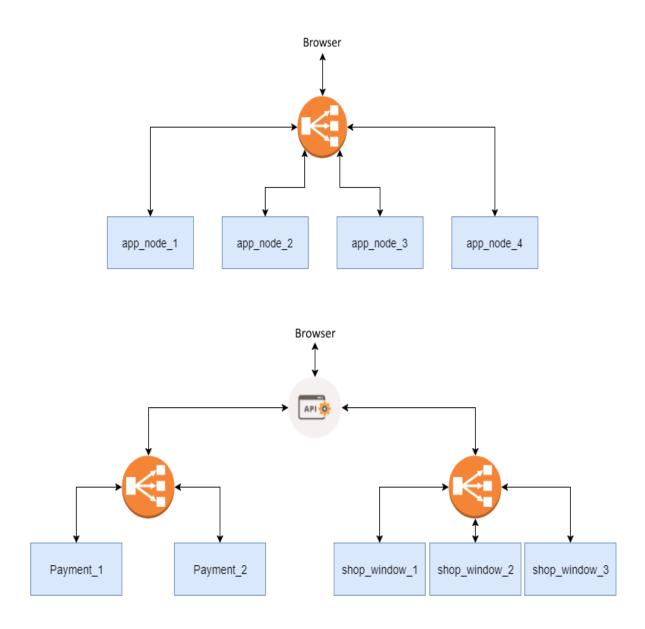


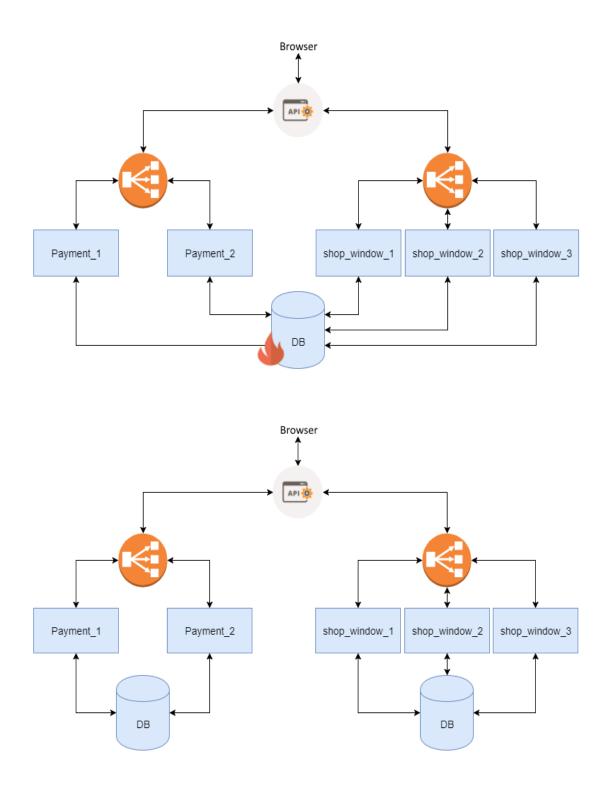
Chapter 4: Microservice Ecosystem

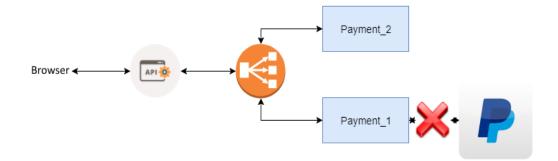


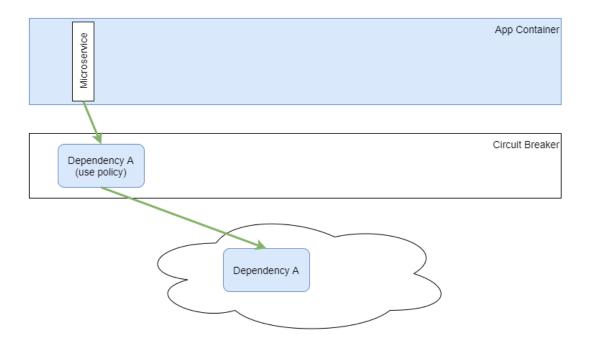




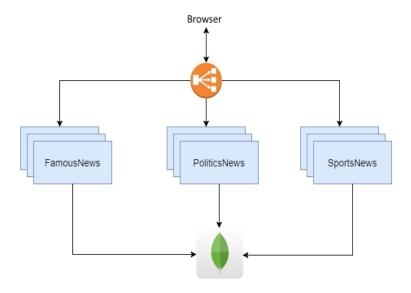




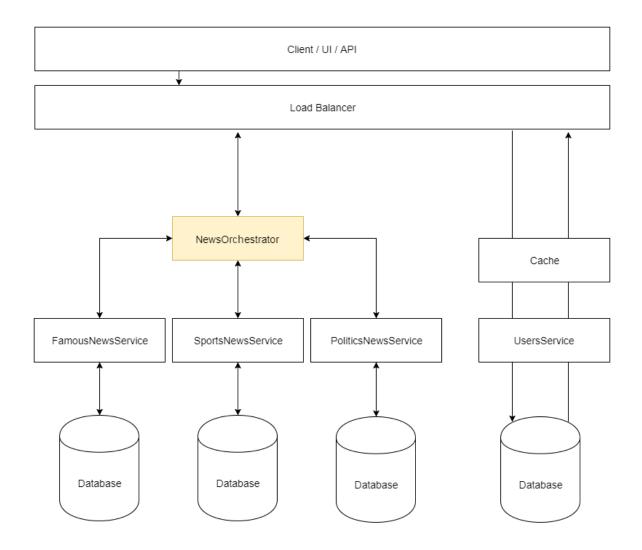


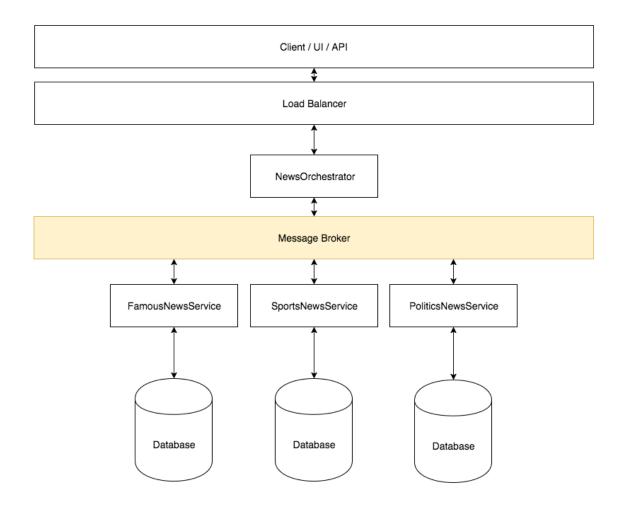


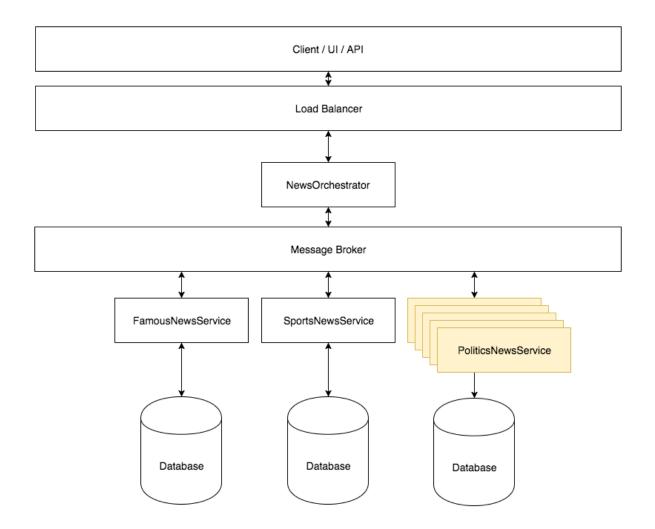
Chapter 5: Shared Data Microservice Design Pattern

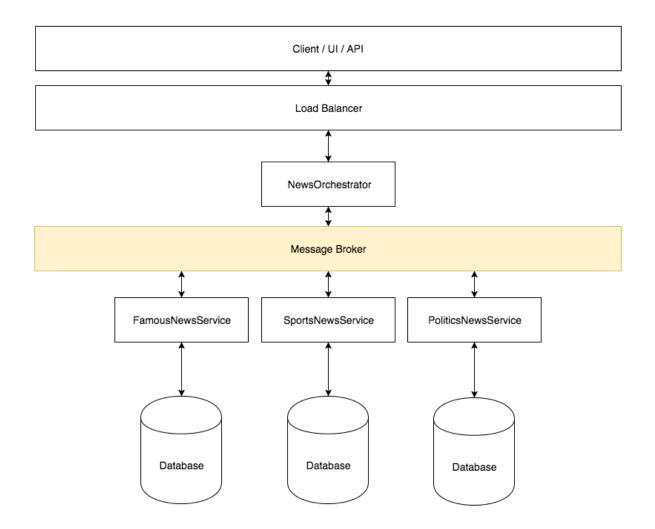


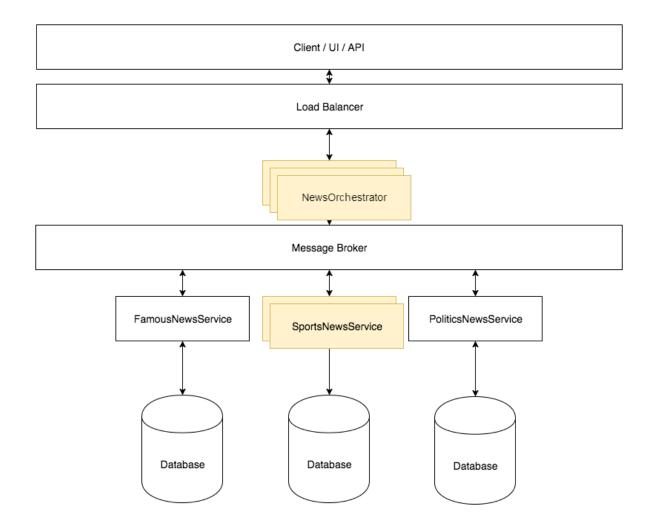
Chapter 6: Aggregator Microservice Design Pattern



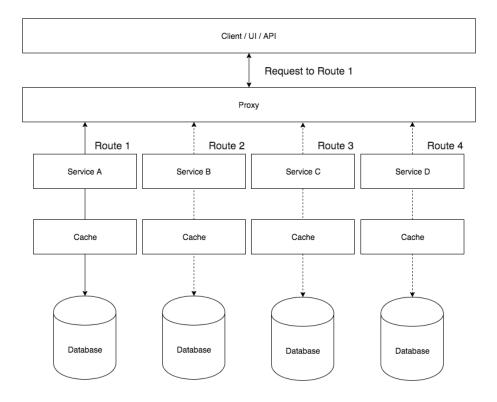


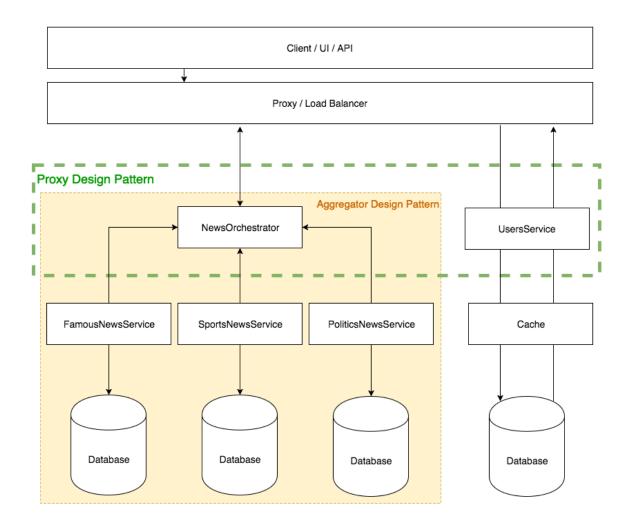


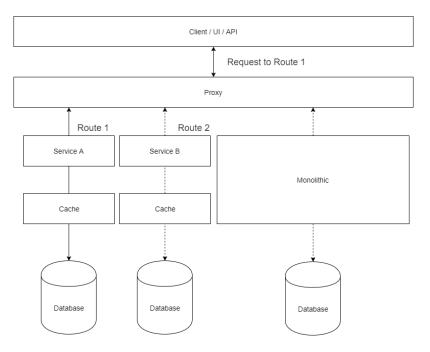


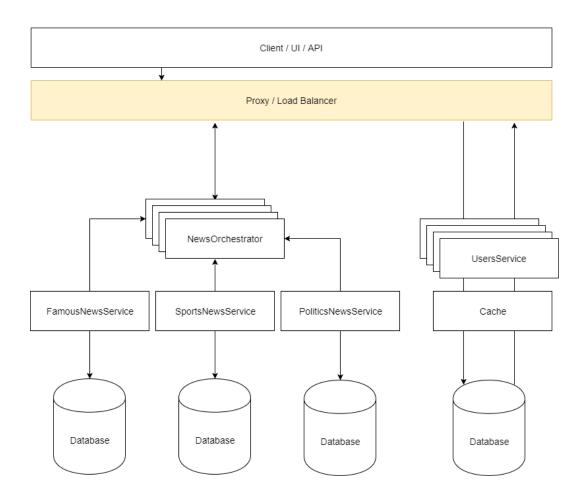


Chapter 7: Proxy Microservice Design Pattern

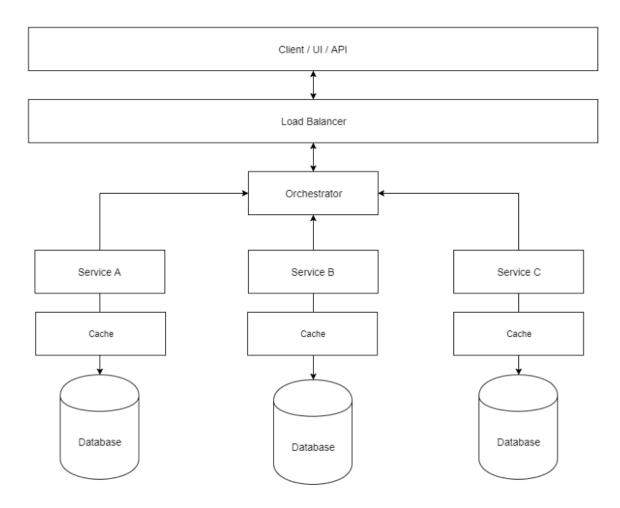


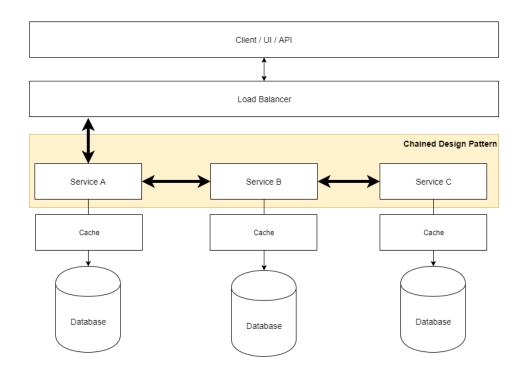


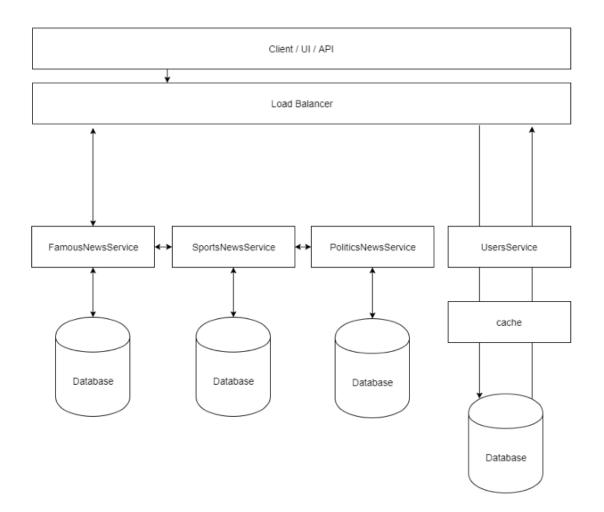


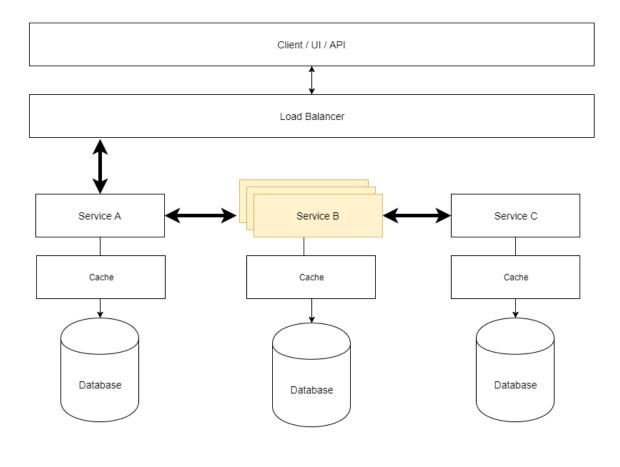


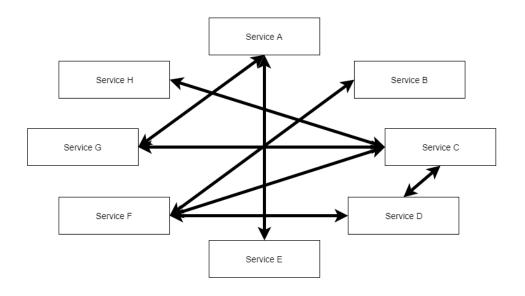
Chapter 8: Chained Microservice Design Pattern



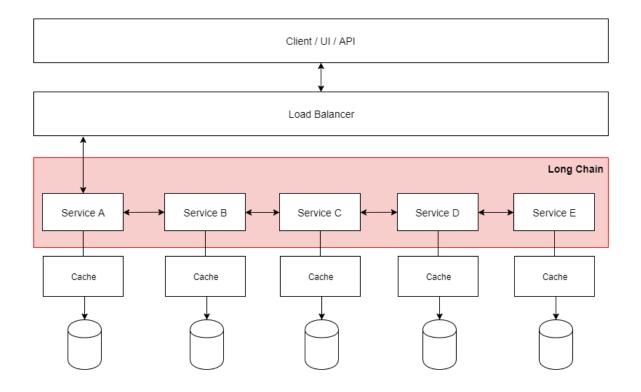


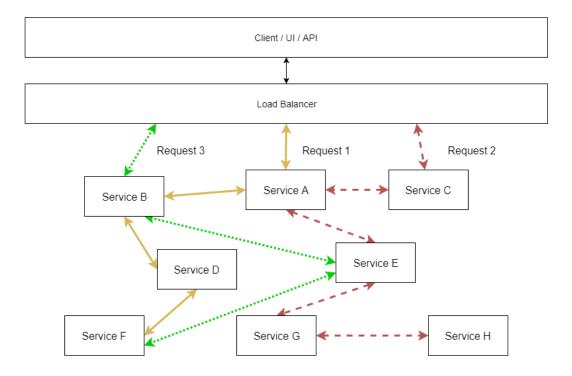


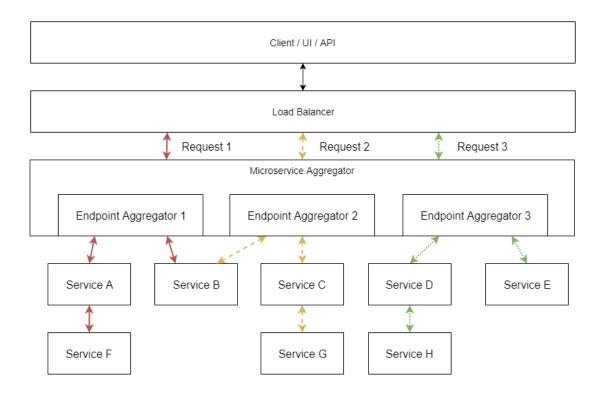


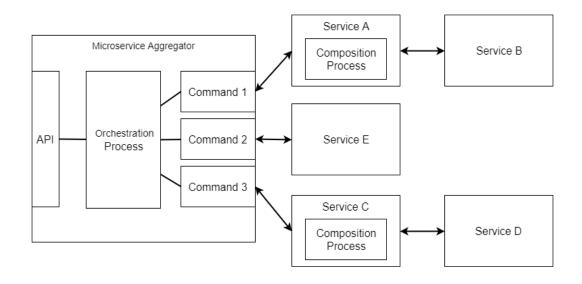


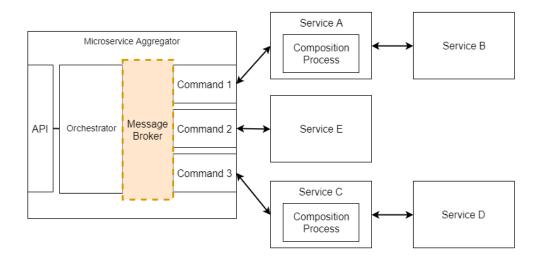
Chapter 9: Branch Microservice Design Pattern

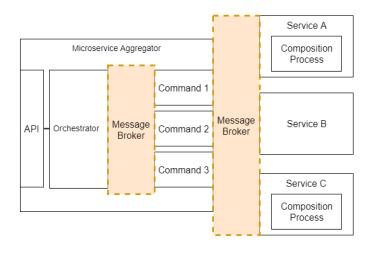




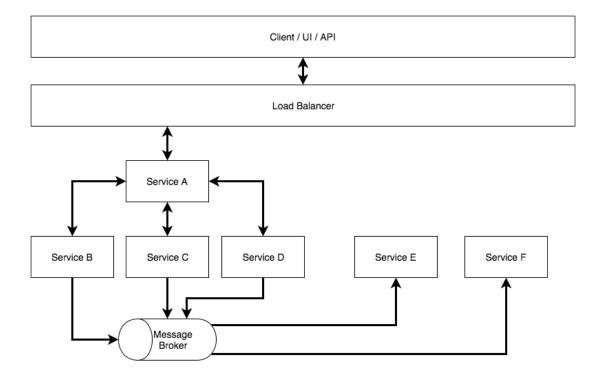


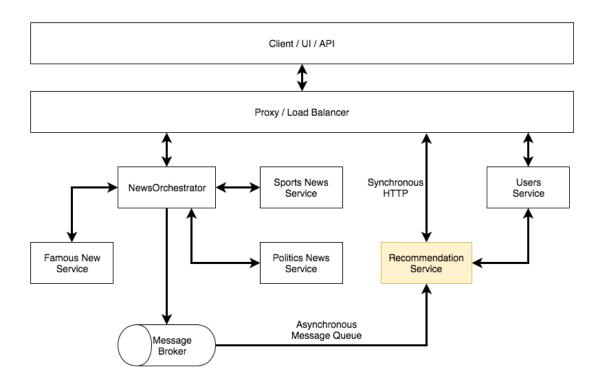


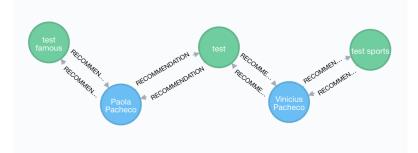


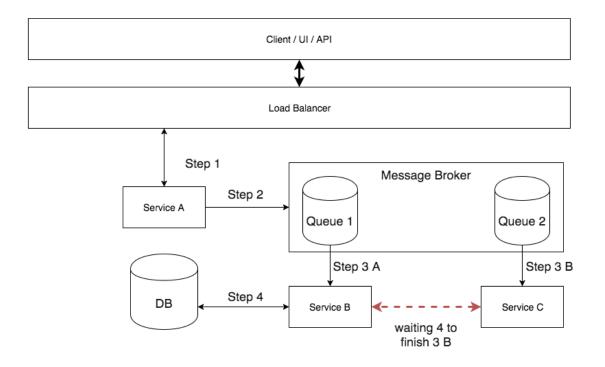


Chapter 10: Asynchronous Messaging Microservice

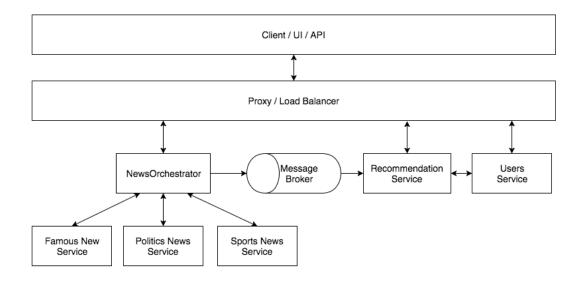


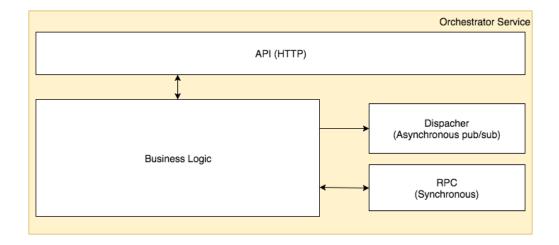


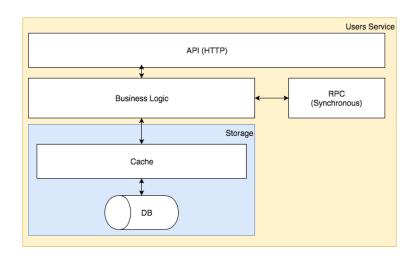


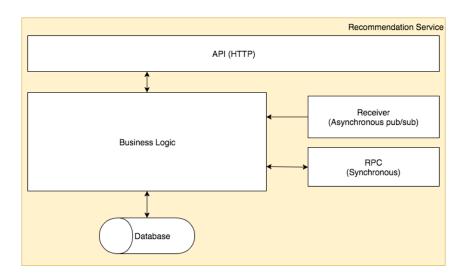


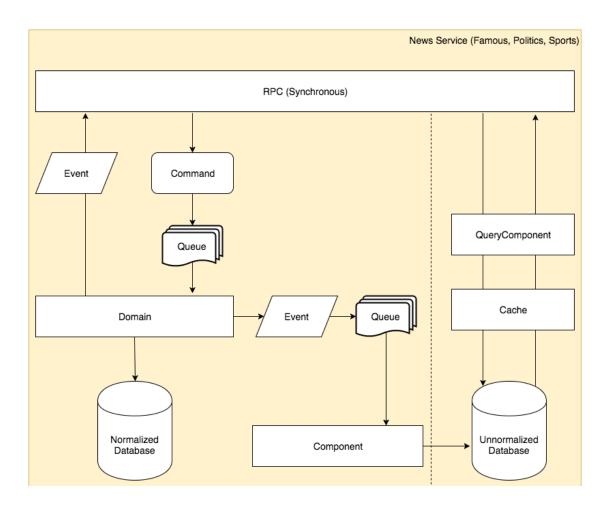
Chapter 11: Microservices Working Together

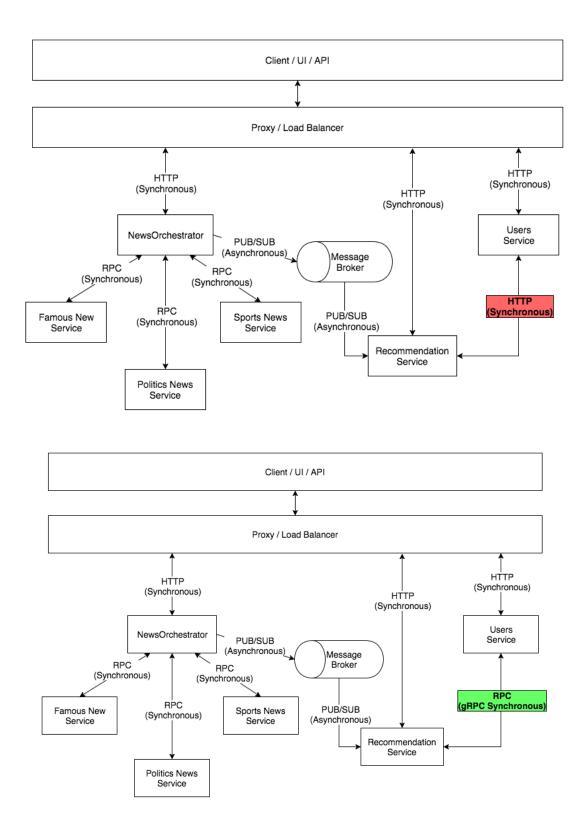


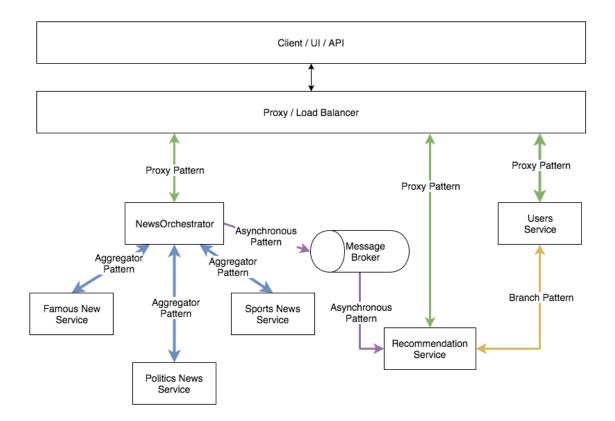






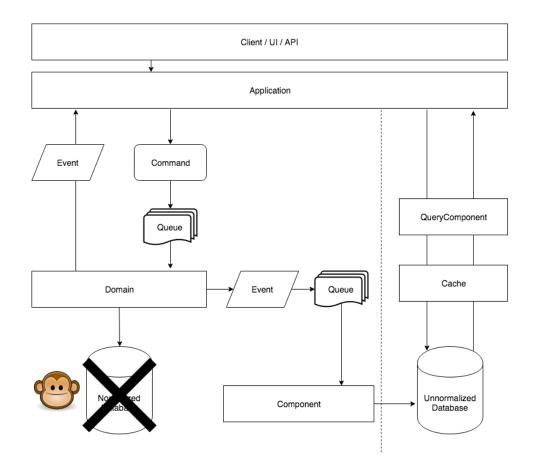




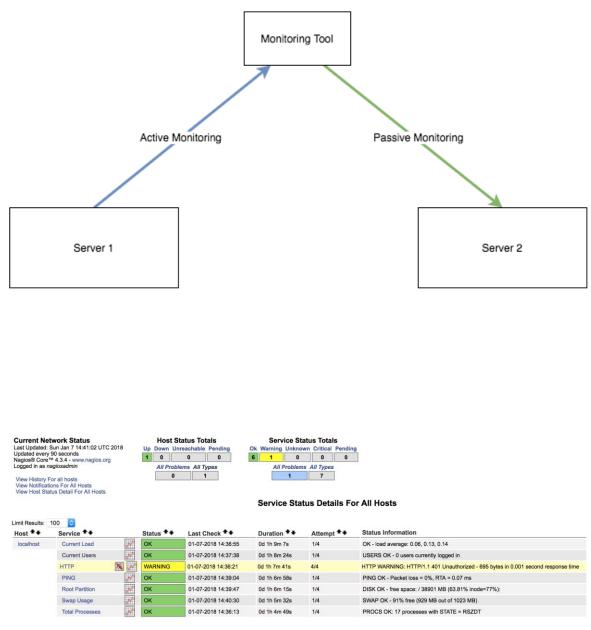


Chapter 12: Testing Microservices





Chapter 13: Monitoring Security and Deployment



Results 1 - 7 of 7 Matching Services

Service Information

Last Updated: Sun Jan 7 14:42:51 UTC 2018 Updated every 90 seconds Nagios® Core™ 4.3.4 - www.nagios.org Logged in as *nagiosadmin*

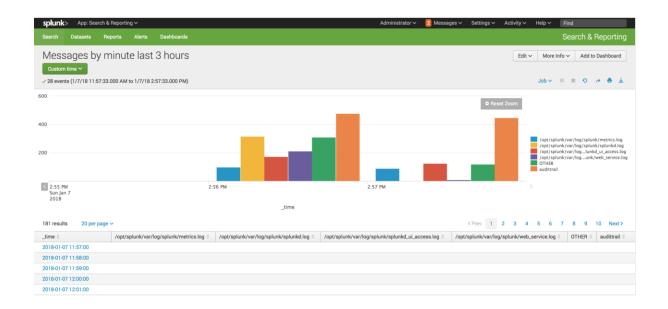
View Information For This Host View Status Detail For This Host View Alert History For This Service View Mert Histogram For This Service View Availability Report For This Service View Notifications For This Service Service PING On Host localhost (localhost)

Member of No servicegroups.

127.0.0.1

Service State Information

Current Status:		OK (for 0d 1h 8m 47s)				
		PING OK - Packet loss = 0%, RTA = 0.07 ms				
Performance Data:		rta=0.066000ms;100.000000;500.000000;0.000000 pl=0%;20;60;0				
Current Attempt:		1/4 (HARD state)				
		01-07-2018 14:39:04				
Check Type:		ACTIVE				
Check Latency / D	ouration:	0.001 / 4.158 seconds				
Next Scheduled Check:		01-07-2018 14:44:04				
Last State Change:		01-07-2018 13:34:04				
Last Notification:		N/A (notification 0)				
Is This Service Flapping?		NO (0.00% state change)				
In Scheduled Downtime?		NO				
Last Update:		01-07-2018 14:42:43 (0d 0h 0m 8s ago)				
Active Checks:	ENABL	ED				
Passive Checks:	ENABL	ED				
Obsessing:	ENABL	ED				
Notifications:	ENABL	ED				
Event Handler:	ENABL	ED				
Flap Detection:	ENABL	ED				



Vinicius Feitosa Pacheco / Go Suese Overview User Feedback Releases				★ Sta	r Project	🔅 Project Settings
Unresolved Issues (2) ~	Sort by: Last Seen 🗸	Q is:unresolved				× •••
□ ✓ Resolve ∨ ⊗ Ignore ∨ ★ ··· ►			GRAPH:	24H 14D	EVENTS	USERS
Error *os.PathError app/vendor/github.com/getsentry/raven-go in CaptureErrorAu open filename.ext: no such file or directory 60-2 0 26 minutes ago – 26 minutes old root	ndWait	ይ ~			1	0
	lla				API D	ocs Contribute

*os.PathError app/vendor/github.com/getsentry/raven-go in CaptureErrorAnd • open filename.ext: no such file or directory root • Resolve • • tenore • tenore • Ink Issue Tracker Details Comments • User Feedback • Tags Events Merged Similar Issues	<u>ISSUE #</u> G0-2	ASSIGNED	events 1	users O
Event c2d446a24a3a47a9a2ebb0b13b6c5369 Jan 7, 2018 4:59:09 PM UTC JSON (10.8 KB)		(Default Enviro LAST 24 HOURS	nment) 🗸	
TAGS level error logger root server_name 9079b78d8a10		LAST 30 DAYS		
MESSAGE open filename.ext: no such file or directory		FIRST SEEN When:		29 minutes ago
EXCEPTION (most recent call first) *os.PathError open filename.ext: no such file or directory		Release: LAST SEEN When:		29 minutes ago 34:59:09 PM UTC <i>not configured</i> 29 minutes ago 34:59:09 PM UTC

Overview				1 hour 1	day 1 wee
10					
0					
anuary 6, 2018					
TRENDING ISSUES	EVENTS	USERS	NEW ISSUES	EVENTS	USERS
*os.PathError app/vendor/github.com/getsentry/raven-go open filename.ext: no such file or directory Ø a minute ago – 31 minutes old	7	0	*os.PathError app/vendor/github.com/getsentry/raven-go open filename.ext: no such file or directory O a minute ago – 31 minutes old	7	0

API Docs Contribute

