

The background is a complex, low-poly geometric pattern. It features a variety of triangles and polygons in shades of blue, purple, and green. The colors transition from deep purples and blues on the left to lighter blues and greens on the right, with a bright yellow-green triangle visible in the lower right quadrant. The overall effect is a dynamic, crystalline texture.

interia

“A needle in a logstack” – analyzing data from mobile users around the globe to verify a successful deployment and swift problem recognition

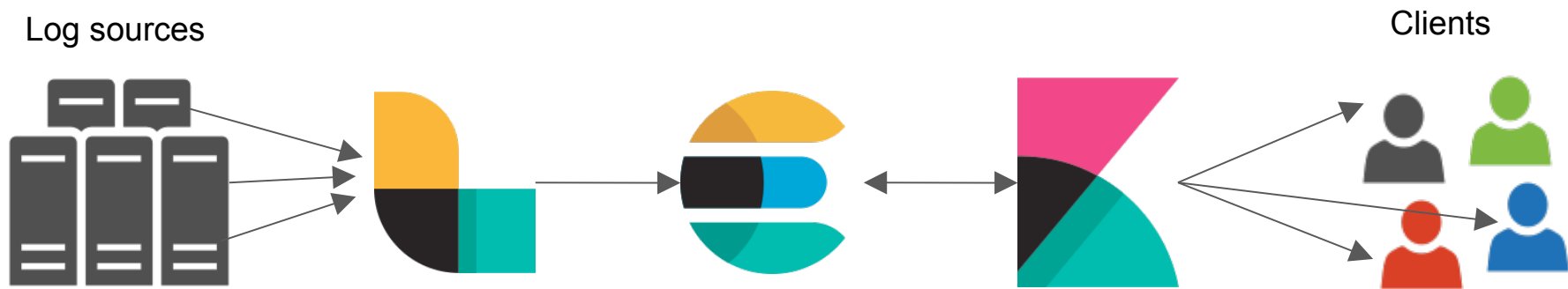
Tomasz Gagor - Senior System Administrator
Paweł Torbus - System Architect

ELK Stack

Logstash - Log pre-processor

Elasticsearch - Storage, indexing and searching

Kibana - Elasticsearch front-end



ELK Stack family



Filebeat - lightweight log shipper
(logstash-frowarder successor)



Shield - protect access
to elasticserch data with authorization



Marvel - Elasticsearch monitor



Reporting - generate,
schedule, email reports



Watcher - alerting for elasticsearch

Logstash

Written in Ruby, executed in JRuby

Receive logs from agents in numerous formats (49 currently)

Parse them to JSON format

Can render additional data (like geographical coordinates from IP address, useragent)

Store in Elasticsearch on daily indexes

Can use other “data stores” like Mail, Graphite and more

All events reside in the single index



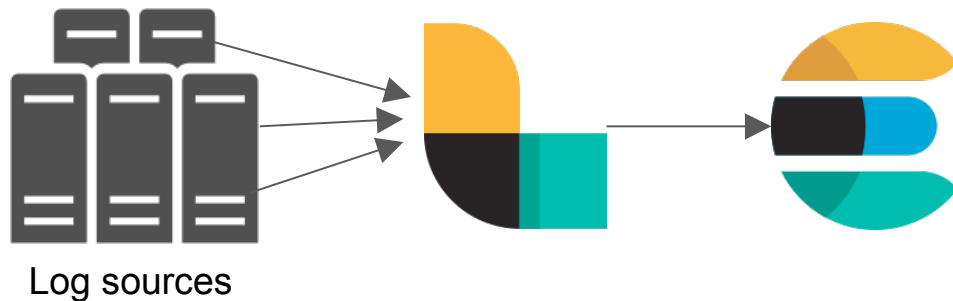
Logstash - deployment

Accepts syslog, JSON and XML data

Parses those to JSON

Store data in single Elasticsearch cluster

We have up to 6 logstash nodes in single cluster (gathering data from 100 hosts)

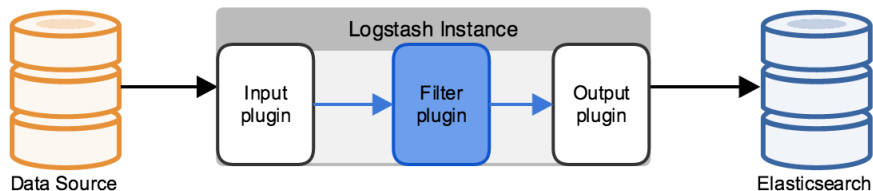


Logstash - problems we faced

Avoid multilines

Always use `date` filter to have proper event timestamps

Be careful naming fields - you don't want to overwrite your data



```
filter{
  if [message] == '<!DOCTYPE log SYSTEM
"logger.dtd">' { drop {} }
  if [message] == '<log>' { drop {} }
  if [message] == '</log>' { drop {} }
  if [message] =~ '^ *<' {
    multiline {
      pattern => "^</record>$"
      what => "next"
      negate => true
    }
  }
  xml {
    source => "message"
    target => "java_xml"
  }
  date {
    match => ["[java_xml][millis]", "UNIX_MS"]
  }
}
```

Logstash - problems we faced

Syslog is not reliable, favor
logstash-forwarder/filebeat

Always configure dead time in
logstash-forwarder

```
{ "network": {  
  "servers": [ "logstash1.xxx:5959",  
    "logstash2.xxx:5959" ],  
  "timeout": 15,  
  "ssl ca": "/etc/pki/tls/certs/ca.crt"  
},  
  "files": [{  
    "paths": [  
      "/var/log/tomcat6/localhost.*-*.log",  
      "/var/log/tomcat/localhost.*-*.log"]  
    },  
    "fields": {  
      "type": "java_xml",  
      "forwarder_tags": "tomcat"  
    },  
    "dead time": "10m"  
  }  
},  
  ...
```


Logstash - problems we faced

Carrefully calibrate memory usage for better performance and stability

```
LS_HEAP_SIZE="3043m" or -Xmx3043m
```

Set proper field type in grok to be able to use statistics

```
grok {
  match => [
    "message",
    # Common Log Format
    # "10.0.2.2 - - [22/Apr/2015:11:58:06 +0000] "GET /some/redirect HTTP/1.1" 302 -"
    "^%{IP:[access_log][clientip]} - (-|{%{USER:[access_log][user]}}) \[%{HTTPDATE:[access_log][timestamp]}\] \"%{DATA:[access_log][request]}\" %{POSINT:[access_log][status]:int} (%{INT:size:int}|-)$"
  ]
  add_tag => [ "access_log" ]
}
```

Elasticsearch

Elasticsearch is schemaless Lucene based search engine.

- Distributed (availability, scalability, durability)
- JSON-based objects
- HTTP-based client API
- Data grouped in Indexes
- Indexes are stored daily



Elasticsearch - deployment

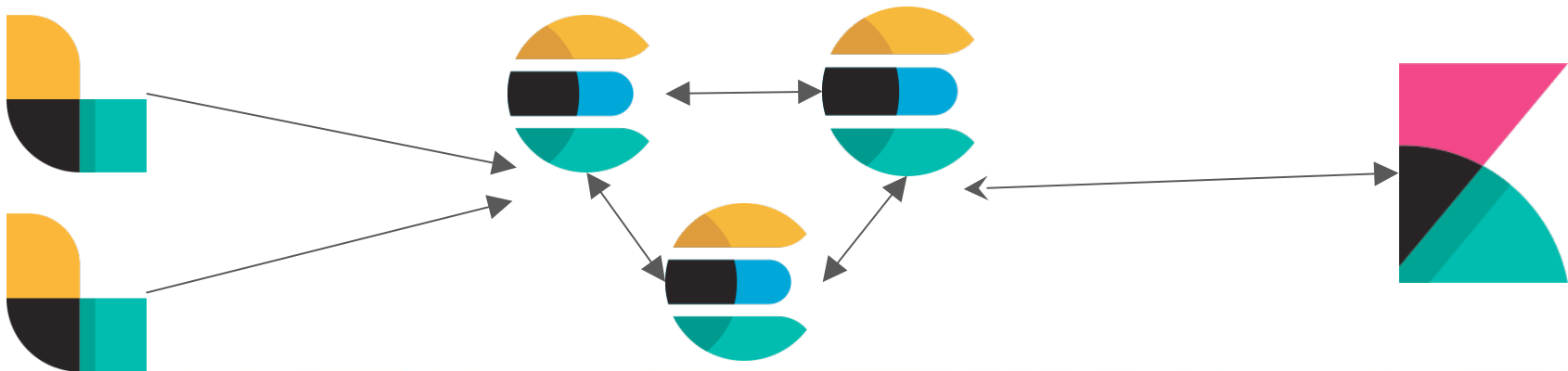
We have three clusters for two different clients, one internal

They're in separate subnet and gather logs from all environments (prod/itg/stg/qa/...)

First cluster consists of 3 elasticsearch nodes, 250GB of storage each

Second cluster consists of 5 nodes, 250GB each

Third cluster consists of 6 nodes, 200GB each



Elasticsearch - problems we faced

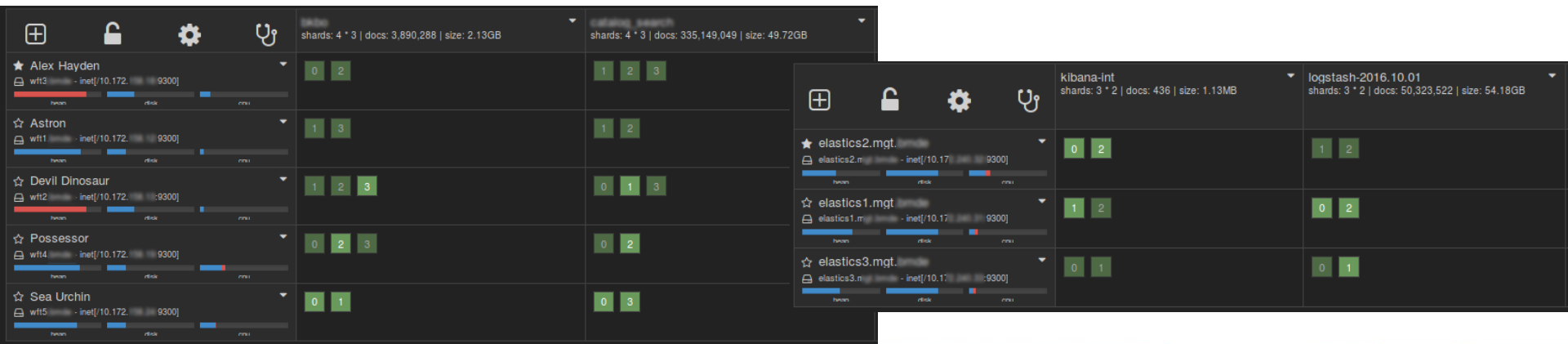
Configure shards and replicas number according to amount of your machines

Keep track of free disk space and have enough of it

Bigger nodes will synchronise longer

Cluster autodiscovery mostly works, mostly

Disable shard allocation during node restarts/upgrades



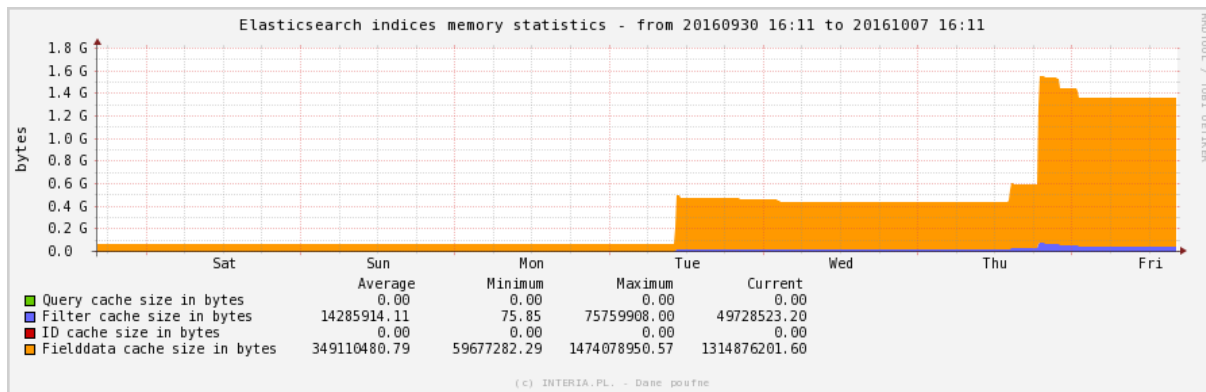
Elasticsearch - problems we faced

Allocate max 50% of RAM for elasticsearch

Don't use more than 32GB RAM for elasticsearch

Set `bootstrap.mlockall` to `true` to keep elasticsearch in RAM

Set `indices.fielddata.cache.size` to any value, ex. 30~40%



Kibana

Kibana is open source analytics and visualization platform designed to work with Elasticsearch.

- Querying Elasticsearch

- Visualizing data

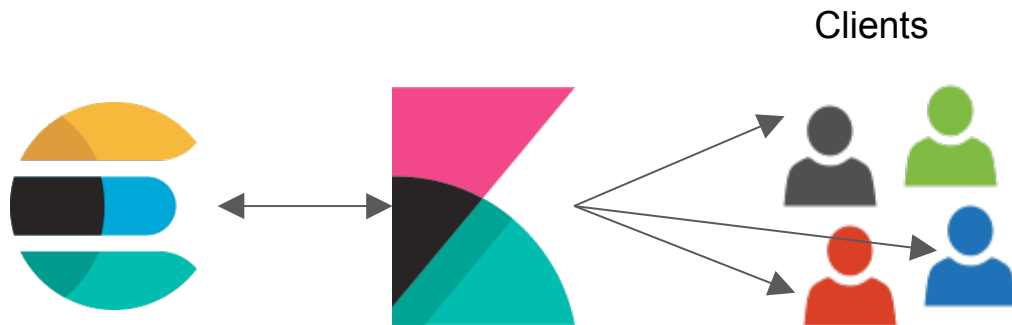
- Filtering and inspecting events

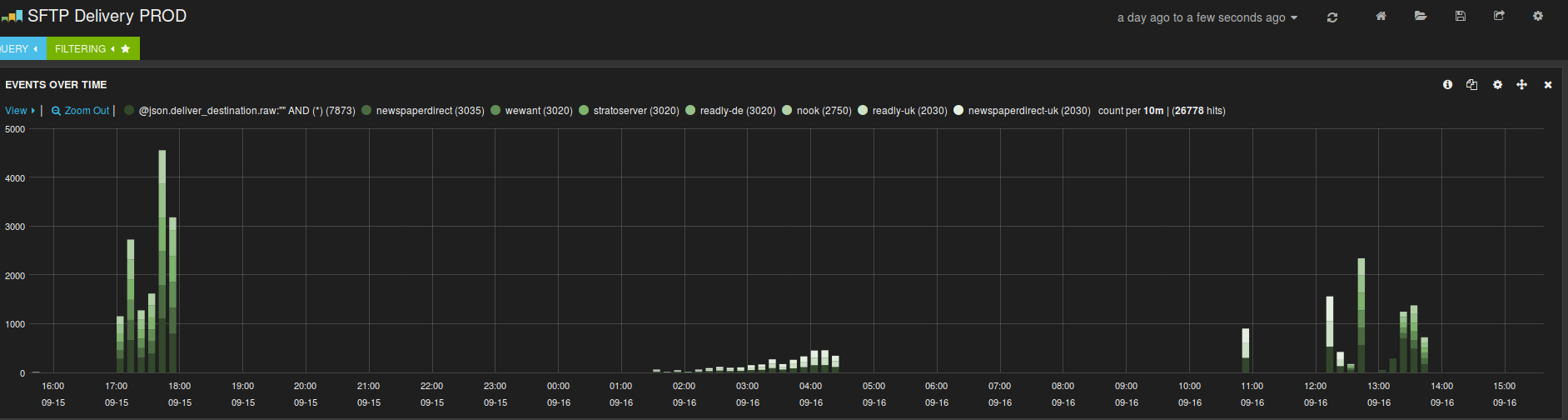


Kibana - deployment

Single Kibana instance

Available in version 3.x and 4.x





ALL EVENTS

Fields

At (592) / Current (26)

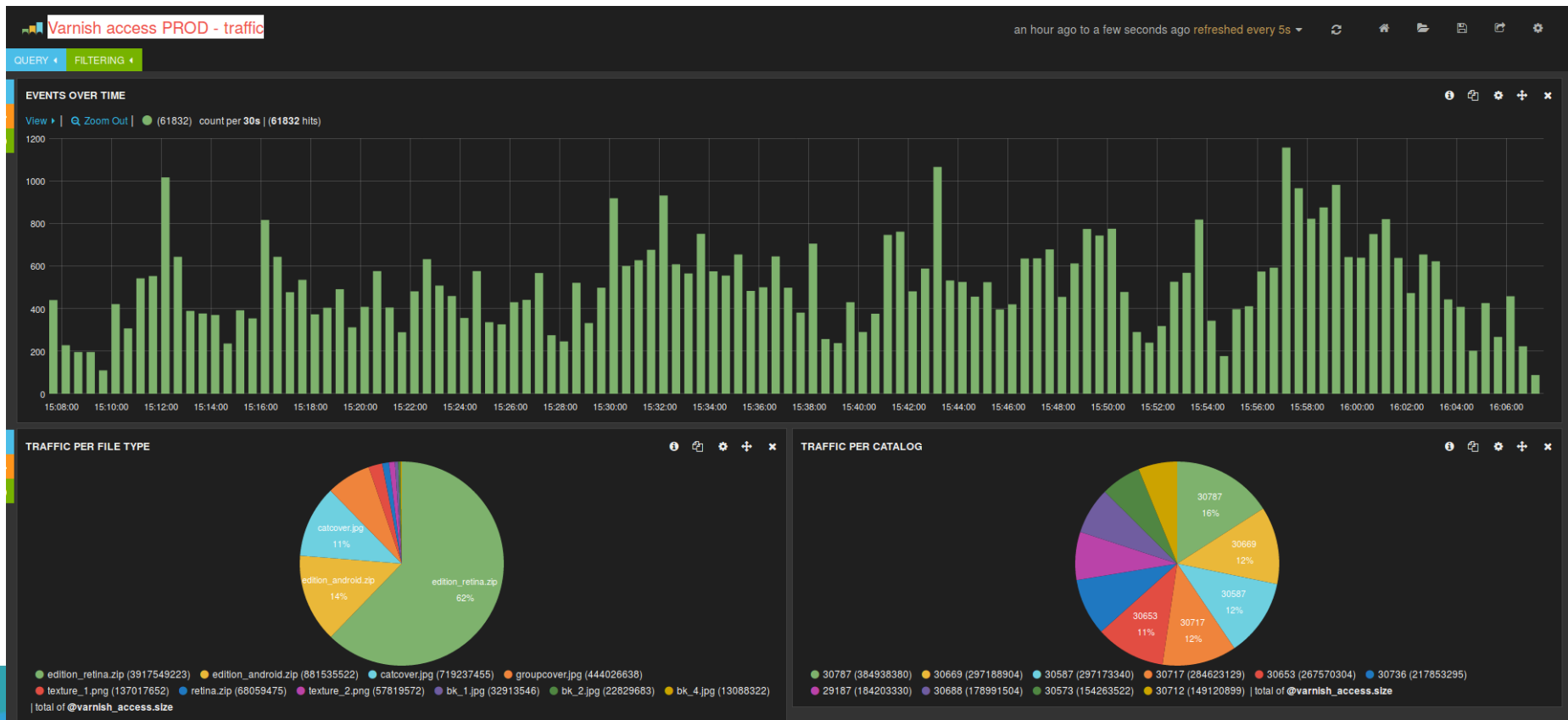
0 to 100 of 500 available for paging

	@json.deliver_destination	@timestamp	@json.functionName	@json.message
<input type="checkbox"/> @json.asciTime	newspaperdirect	2016-09-16T13:45:30.628+02:00	deliver	Job b54f6078-613a-41f9-9905-6492295a205c finished
<input checked="" type="checkbox"/> @json.deliver_destination	newspaperdirect	2016-09-16T13:45:30.628+02:00	deliver	Listing of file sent: [09-16-16 04:45AM 37626312 2016_S001.pdf]
<input type="checkbox"/> @json.fileName	newspaperdirect	2016-09-16T13:45:30.627+02:00	deliver	Sending done with rsponse: 226 Transfer complete.
<input checked="" type="checkbox"/> @json.functionName	newspaperdirect	2016-09-16T13:44:25.617+02:00	deliver	Successfully connected to service 207.34.140.19 21, from 10.172.158.20 52287
<input type="checkbox"/> @json.job	newspaperdirect	2016-09-16T13:43:18.119+02:00	deliver	Job 4293a700-88b6-4dd2-8d07-959db5605072 finished
<input type="checkbox"/> @json.levelName	newspaperdirect	2016-09-16T13:43:18.118+02:00	deliver	Listing of file sent: [09-16-16 04:43AM 1947712 2016_S051.pdf]
<input type="checkbox"/> @json.levelNo	newspaperdirect	2016-09-16T13:43:13.123+02:00	deliver	Listing of file sent: [09-16-16 04:43AM 2801497 2016_S020.pdf]
<input type="checkbox"/> @json.lineNo	newspaperdirect	2016-09-16T13:43:13.123+02:00	deliver	Sending done with response: 226 Transfer complete.
<input type="checkbox"/> @json.loggerName	newspaperdirect	2016-09-16T13:43:13.123+02:00	deliver	Job 136da700-22cd-4e87-b481-4f6d104bf22d finished
<input type="checkbox"/> @json.logRecordCreationTime	newspaperdirect	2016-09-16T13:43:13.122+02:00	deliver	Sending done with rsponse: 226 Transfer complete.
<input checked="" type="checkbox"/> @json.message	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	Sending done with response: 226-File successfully transferred 226 0.954 seconds (measured here), 1.95 Mbytes per second
<input type="checkbox"/> @json.time	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	Sending done with rsponse: 226-File successfully transferred 226 1.324 seconds (measured here), 1.40 Mbytes per second
<input checked="" type="checkbox"/> @timestamp	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	Job da570da6-2a2e-490c-b465-422fc26f18b6 finished
<input type="checkbox"/> @version	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	Job 021097b6-8dc1-40bb-b7bd-6729e9848d54 finished
<input type="checkbox"/> _id	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	
<input type="checkbox"/> _index	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	
<input type="checkbox"/> _type	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	
<input type="checkbox"/> file	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	
<input type="checkbox"/> forwarder_tags	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	
<input type="checkbox"/> host	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	
<input type="checkbox"/> host_addr	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	
<input type="checkbox"/> message	newspaperdirect	2016-09-16T13:43:13.121+02:00	deliver	

Simple HIT/MISS statistics



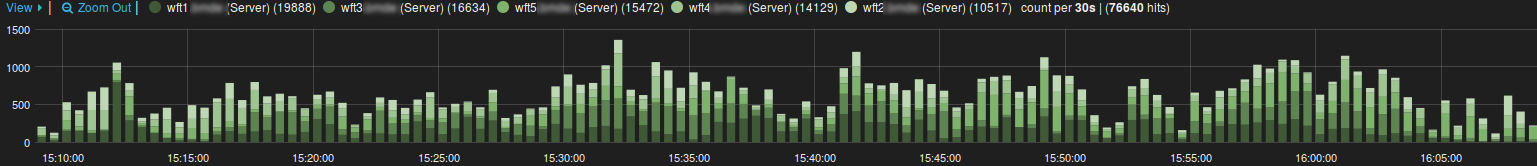
Varnish traffic per file type



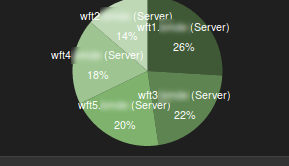
QUERY

FILTERING

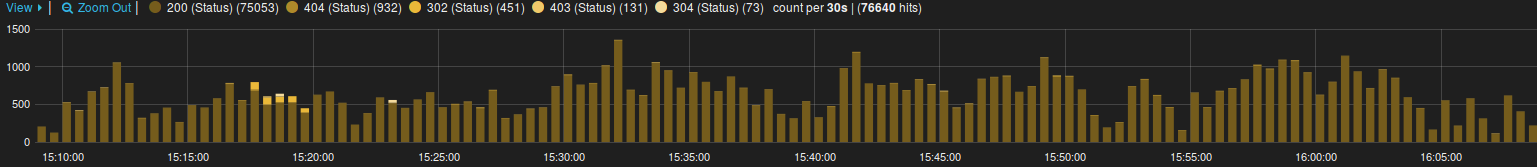
HTTP REQUESTS



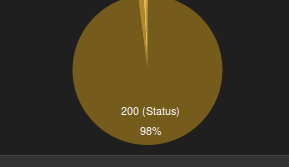
REQUESTS PER HOST



STATUSES



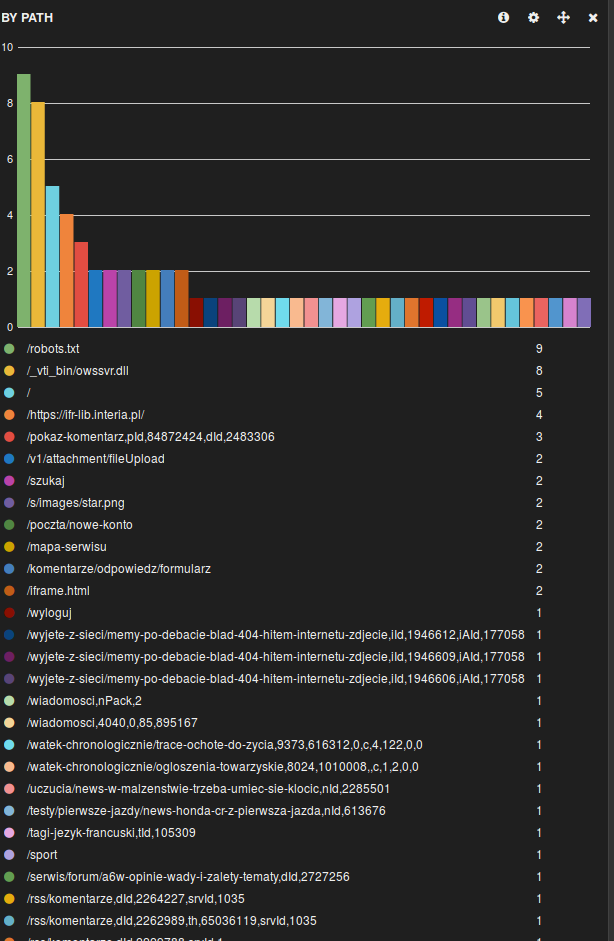
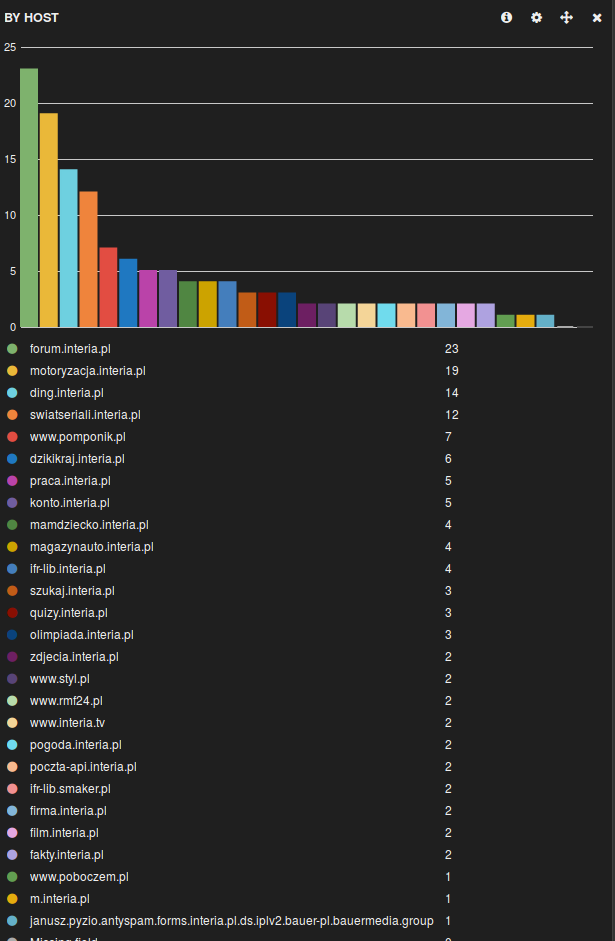
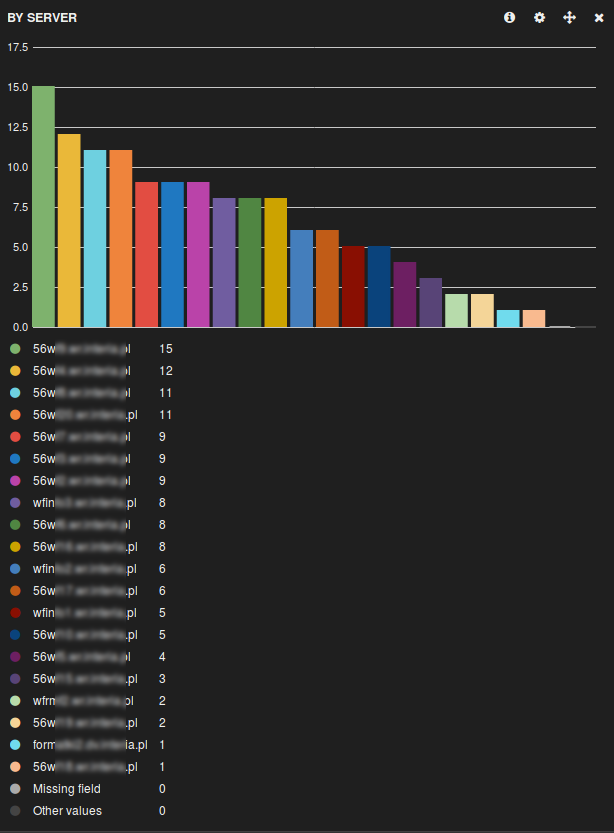
RESPONSE STATUSES



ALL EVENTS

0 to 100 of 500 available for paging

host_addr	@access_log.request	@access_log.status
wt14	POST /.../erxmlforapp.do?groupId=7 HTTP/1.1	200
wt15	GET /.../ce/getrecipeinfo.do?auth=[TOKEN]&action=overview&catalog=30438 HTTP/1.1	200
wt12	GET /.../getrecipeinfo.do?auth=[TOKEN]&action=overview&catalog=30438 HTTP/1.1	200
wt14	POST /.../xmlforapp.do?groupId=6 HTTP/1.1	200
wt13	GET /.../getappcatalogdata.do?path=img&f=catcover.jpg&catalogId=28259 HTTP/1.1	200
wt12	POST /.../downloadstatus.do HTTP/1.1	200
wt15	GET /.../getrecipeinfo.do?action=recipe_of_the_day HTTP/1.1	200
wt13	GET /.../getappcatalogdata.do?path=img&f=catcover.jpg&catalogId=28414 HTTP/1.1	200
wt15	GET /.../getappcatalogdata.do?auth=784fa20f8d85&catalogId=30656&...	200
wt15	GET /.../getappcatalogdata.do?auth=784fa20f8d85&catalogId=30656&...	200
wt15	GET /.../getappcatalogdata.do?auth=784fa20f8d85&catalogId=30656&...	200
wt15	GET /.../varnish.do?auth=784fa20f8d85&catalogId=30656&path=tile...	200
wt15	GET /.../getappcatalogdata.do?auth=784fa20f8d85&catalogId=30656&...	200
wt15	GET /.../getappcatalogdata.do?auth=784fa20f8d85&catalogId=30656&...	200
wt15	GET /.../varnish.do?auth=784fa20f8d85&catalogId=30656&path=tile...	200

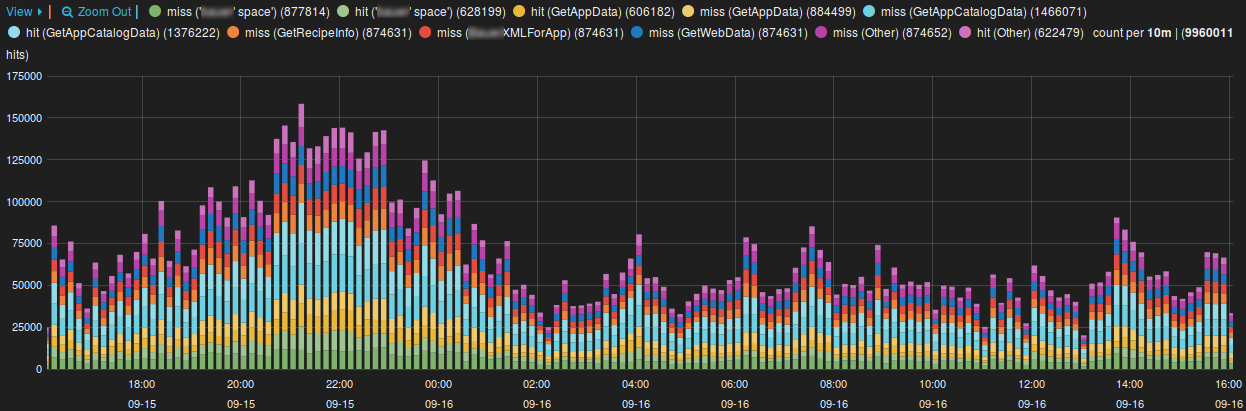


QUERY

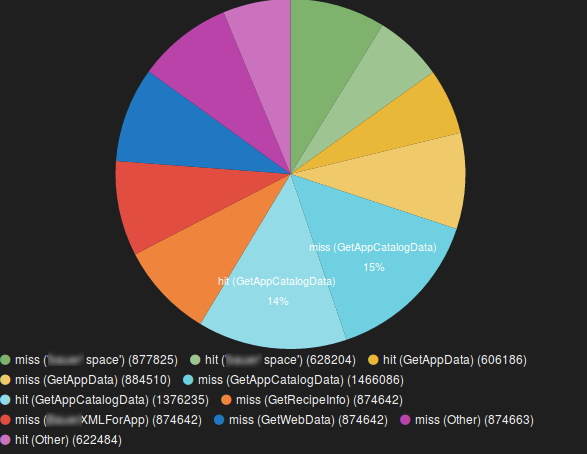
- @http_request.uri.path: /
- @http_request.uri.path: /
- @http_request.uri.path: /
- @http_request.uri.path: /
- @http_request.uri.path: /
- @http_request.uri.path: /
- NOT @http_request.uri.path: /

FILTERING

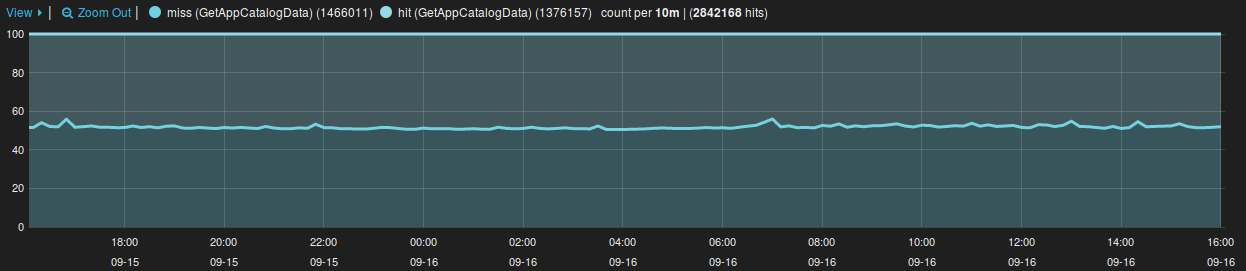
EVENTS OVER TIME



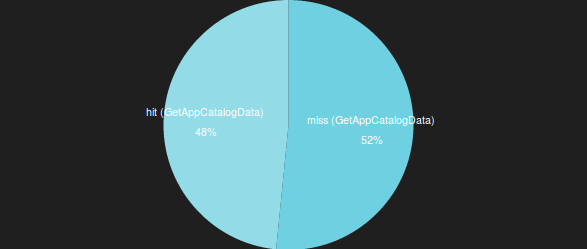
HITS



HIT-MISS RATIO



HIT-MISS RATIO



QUERY

FILTERING

time must

field : @timestamp

from : now-1h

to : now

field must

field : forwarder_tags

query : "squid_access"

field mustNot

field : @squid_access.user_agent

query : check_http nagios-plugins

field mustNot

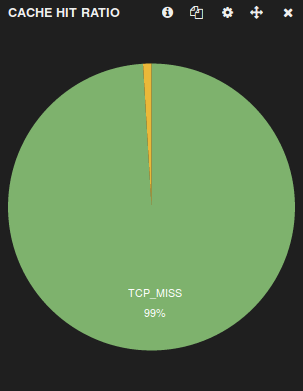
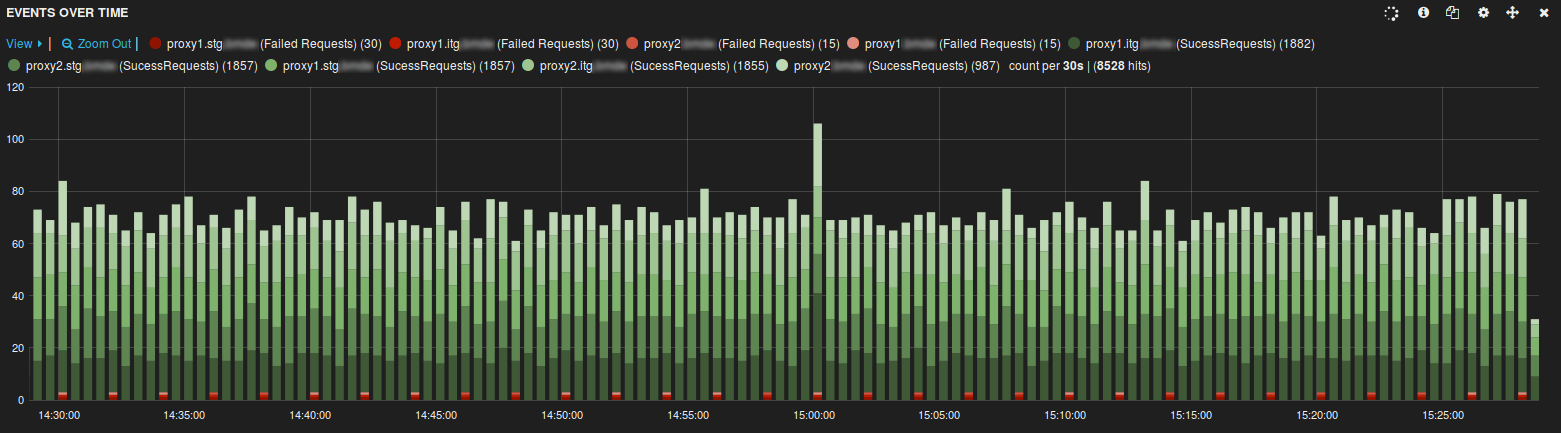
field : @http_requesturl

query : "cache_object/info/info"

field mustNot

field : @http_requesturl

query : "/0003D"



ALL EVENTS

0 to 100 of 500 available for paging

@squid_access.clientip	@squid_access.request	@squid_access.request_status	@squid_access.hierarchy_status	@squid_access.user_agent	@squid_access.referer
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v1.4.16 (nagios-plugins 1.4.16)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v2.0.3 (nagios-plugins 2.0.3)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v2.0.3 (nagios-plugins 2.0.3)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v1.4.16 (nagios-plugins 1.4.16)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v1.4.16 (nagios-plugins 1.4.16)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v1.4.16 (nagios-plugins 1.4.16)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v1.4.16 (nagios-plugins 1.4.16)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v1.4.16 (nagios-plugins 1.4.16)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v1.4.16 (nagios-plugins 1.4.16)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v2.0.3 (nagios-plugins 2.0.3)	
127.0.0.1	GET cache_object/info/info HTTP/1.0	TCP_MISS	NONE	check_http/v2.0.3 (nagios-plugins 2.0.3)	

QUERY

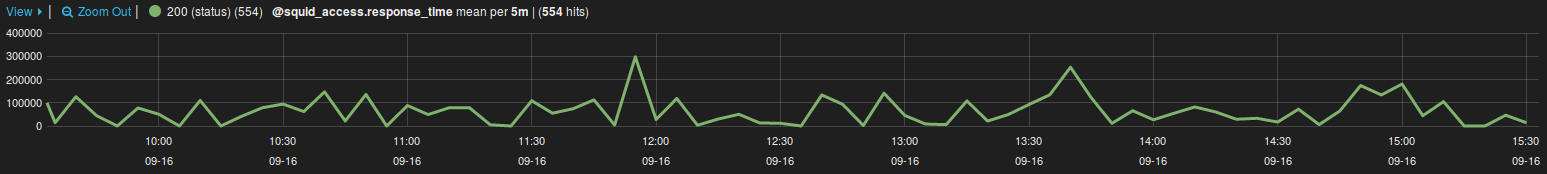
id_access.response_time:[0 TO 1000]

cess.response_time:[1001 TO 10000]

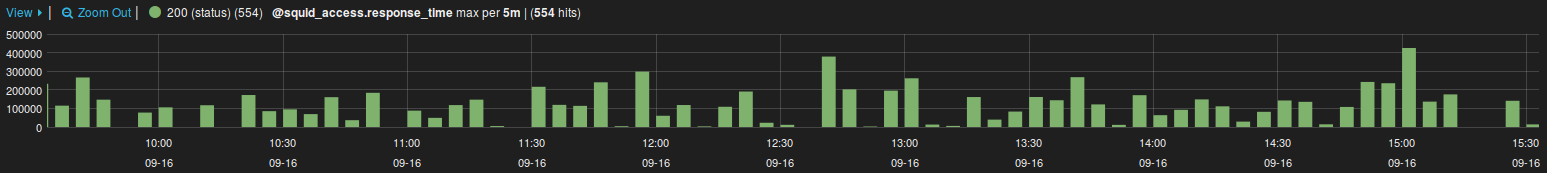
sponse_time:[10001 TO 100000]

FILTERING

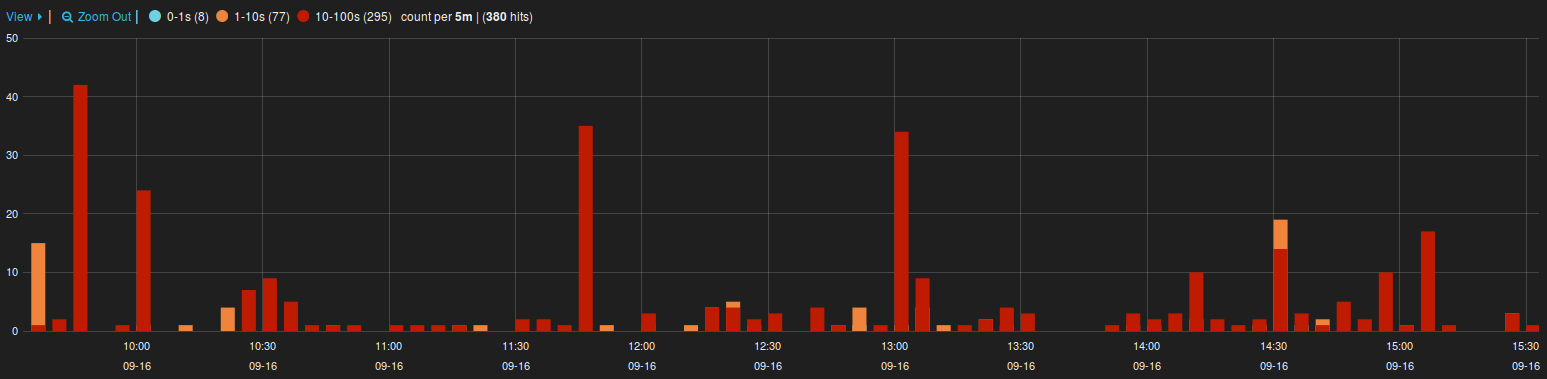
MEAN TRANSACTION TIME [MS]



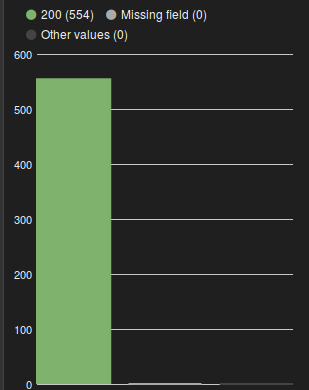
MAX TRANSACTION TIME [MS]

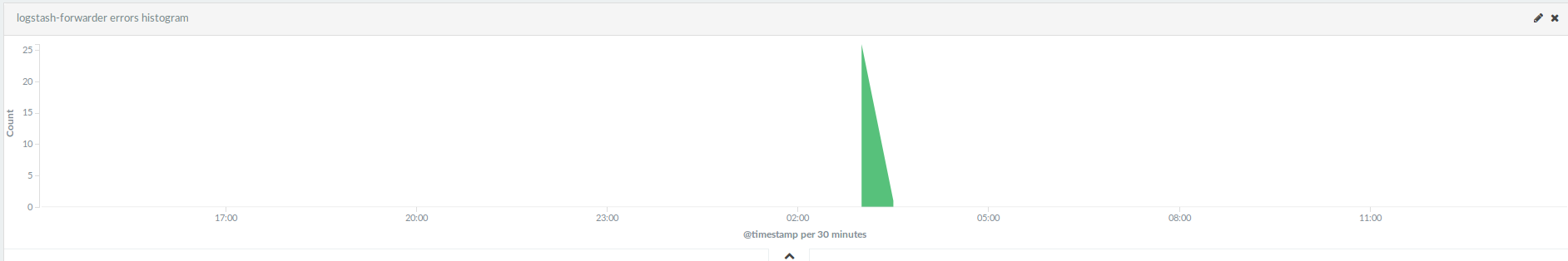
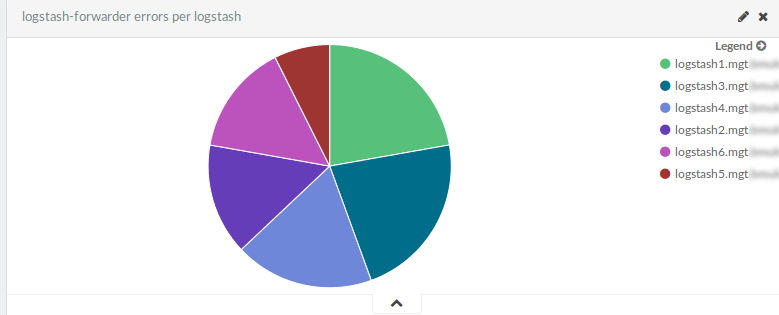
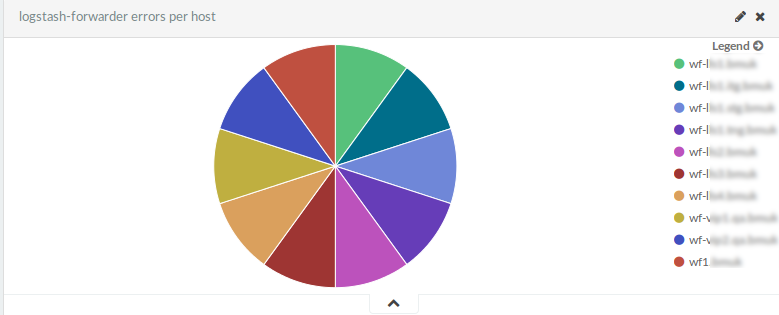
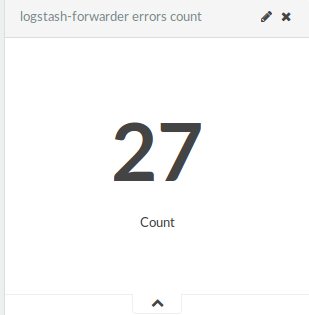


MAX TRANSACTION TIME [MS]



STATUS

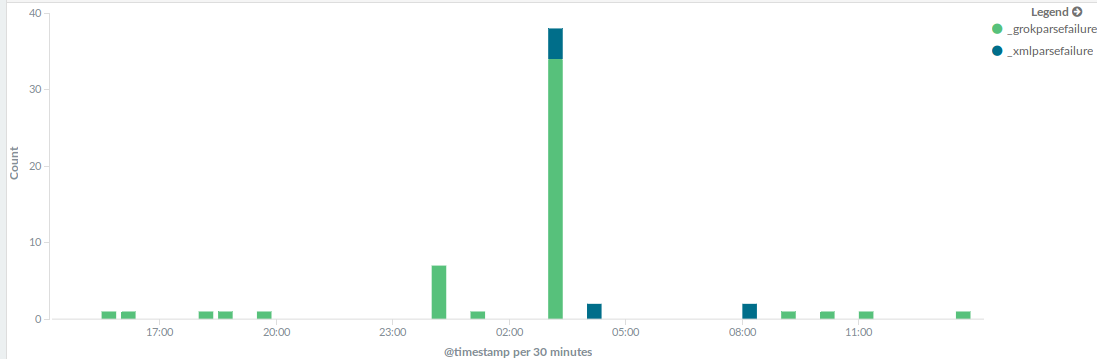




logstash_forwarder errors

Time	tags	host	logstash_node	message
October 6th 2016, 03:40:04.391	multiline	wf-l1.bmuk	logstash6.mgt.bmuk	<pre>{ "network": { "ssl ca": "/etc/ssl/logstash-forwarder.crt", "timeout": 60, "servers": ["logstash1.mgt.bmuk:5959", "logstash2.mgt.bmuk:5959"] } }</pre>
October 6th 2016, 03:10:09.059	multiline	wf-l1.bmuk	logstash6.mgt.bmuk	<pre>{ "network": { "ssl ca": "/etc/ssl/logstash-forwarder.crt", "timeout": 60, "servers": ["loestash1.met.bmuk:5959"] } }</pre>

parsefailure histogram



logstash-forwarder files



Top 100 file.raw ↕ Q

Count ↕

/var/log/varnish/access.log	23,244,864
/var/log/apache2/access_log	6,587,297
/var/log/... Service.xml	5,688,627
/var/log/varnish/varnishncsa.log	2,205,003
/var/log/... Service.xml	1,738,478
/var/log/.../frontend/...xml	1,488,257
/var/log/nginx/access_log	679,958
/var/log/.../frontend/...xml	373,796
/var/log/gearmand/gearmand.log	315,415
/var/log/...le1.xml	240,918

logstash-forwarder types



Top 100 type.raw ↕ Q

Count ↕

varnish_access_log	25,463,546
...	13,285,704
apache_access_log	6,587,297
nginx_access_log	901,599
gearmand	315,415
gearman_clients	130,296
php_error_log	127,259
nginx_error_log	120,573
pound	25,009
logstash_forwarder	12,198

grokparsefailure



1 2

Time ▼	host	type	message
▶ October 6th 2016, 13:33:42.702	wf6	apache_error_log	zend_mm_heap corrupted
▶ October 6th 2016, 11:29:10.775	wf5	apache_error_log	zend_mm_heap corrupted
▶ October 6th 2016, 10:12:26.371	wf4	apache_access_log	10.172.135.27 - - [06/Oct/2016:10:12:24 +0200] "ea/fb324/62d06/fbeca/maxineashley2_466x466.jpg?1431960528 HTTP/1.1" 400 226 "-" [-] 0 69 226
▶ October 6th 2016, 09:23:53.809	wf1	apache_error_log	zend_mm_heap corrupted
▶ October 6th 2016, 03:10:13.230	wf1	logstash_forwarder	vice.xml
▶ October 6th 2016, 03:10:09.883	wf1	logstash_forwarder	etc/logstash-forwarder.conf

xmlparsefailure



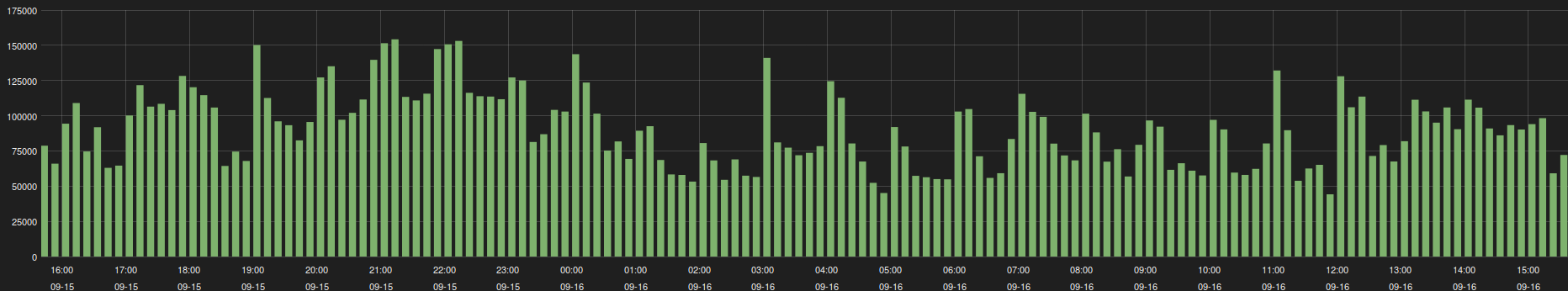
Time ▼	host	file	message
▶ October 6th 2016, 08:05:13.757	grmq2	/var/log/gearman/work er/Search.xml	</message><priority>6</priority><priorityName>INFO</priorityName><pid>12615</pid></logEntry>
▶ October 6th 2016, 08:05:10.285	grmq2	/var/log/gearman/work er/Search.xml	<logEntry><timestamp>2016-10-06T06:05:09+00:00</timestamp><message>Updated 41-news-98038
▶ October 6th 2016, 04:05:31.356	grmq2	/var/log/gearman/work	</message><priority>6</priority><priorityName>INFO</priorityName><pid>12615</pid></logEntry>

Analyzing log sources

QUERY FILTERING

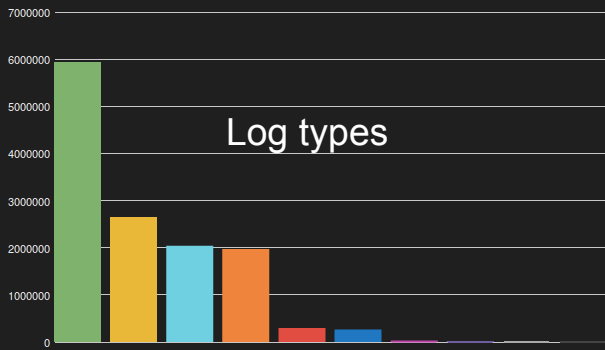
EVENTS OVER TIME

View | Zoom Out | (13051294) count per 10m | (13051294) hits



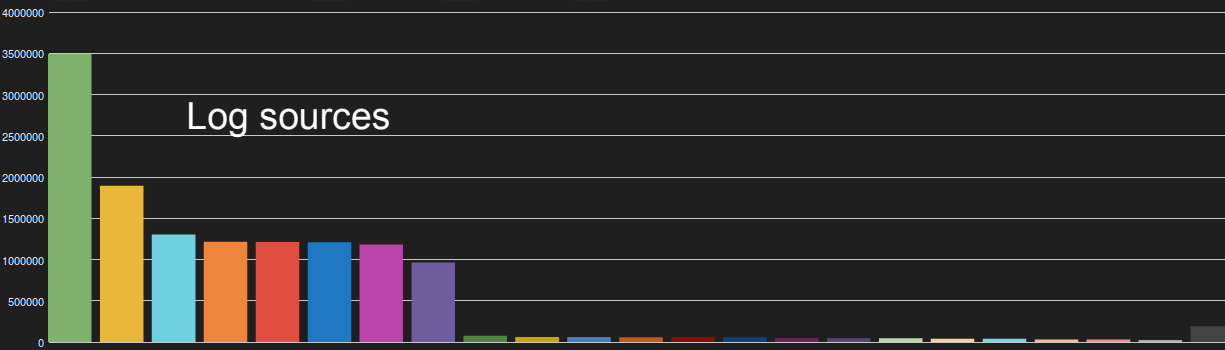
TERMS

rolling_info (5916065) access_log (2632759) json (2020118)
varnish_access (1953806) server_xml (276427) squid_access (241727) java_gc (10389)
java_xml (90) Missing field (0) Other values (0)



TERMS

bft1 (3478943) vc1 (1881953) wft4 (1291555) wft3 (1202152) wft5 (1199825) wft2 (1197989) wft1 (1170143) bft1.ltg (951432)
vc2 (62642) proxy1.ltg (48155) proxy1.stg (47502) proxy2.stg (46064) proxy2.ltg (46064) stp1 (45982) bkl4 (33753) bkl7 (32984)
bkl5 (32964) bkl8 (28726) bkl2 (27455) bkl6 (18332) bkl3 (18024) Missing field (11048) Other values (177739)



3 nodes

74 shards

290,455,183 docs \uparrow 2,854

601.63GB \uparrow 7.89MB

filter indices by name	all	<input checked="" type="checkbox"/> * hide special (1)	filter nodes by name	<input checked="" type="checkbox"/> ☆	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 🔍	8-12 of 12		
<div> </div> <div>☆ elastics2.mgt elastics2.mgt - inet[10.172.0.9300] index size: 95.71GB</div>	logstash-2016.09.30 shards: 3 * 2 docs: 75,672,403 size: 95.71GB	logstash-2016.10.01 shards: 3 * 2 docs: 50,323,522 size: 54.18GB	logstash-2016.10.02 shards: 3 * 2 docs: 18,162,367 size: 12.37GB	logstash-2016.10.03 shards: 3 * 2 docs: 61,242,796 size: 75.94GB	logstash-2016.10.04 shards: 3 * 2 docs: 6,418,747 size: 4.28GB				
<div>☆ elastics1.mgt elastics1.mgt - inet[10.172.0.9300] index size: 95.71GB</div>	<div>1 2</div>	<div>1 2</div>	<div>0 1</div>	<div>0 1</div>	<div>0 1</div>				
<div>☆ elastics3.mgt elastics3.mgt - inet[10.172.0.9300] index size: 95.71GB</div>	<div>0 2</div>	<div>0 2</div>	<div>0 2</div>	<div>0 2</div>	<div>0 2</div>				
<div>☆ elastics3.mgt elastics3.mgt - inet[10.172.0.9300] index size: 95.71GB</div>	<div>0 1</div>	<div>0 1</div>	<div>1 2</div>	<div>1 2</div>	<div>1 2</div>				

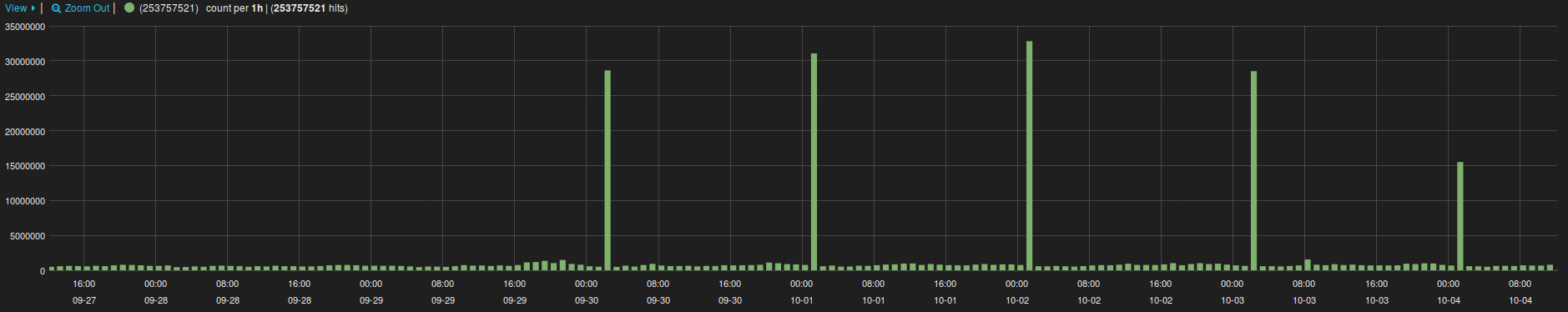


Deffinitly too big indexes

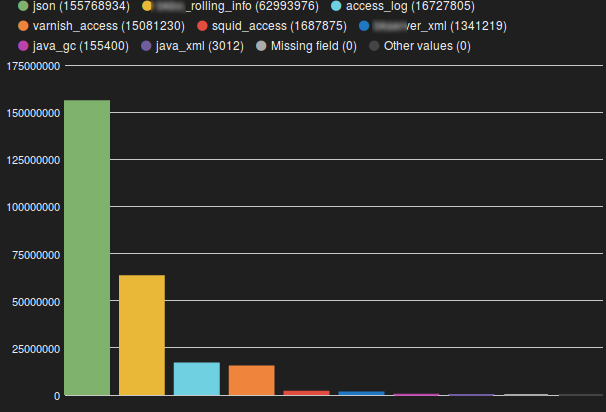


Typical index size

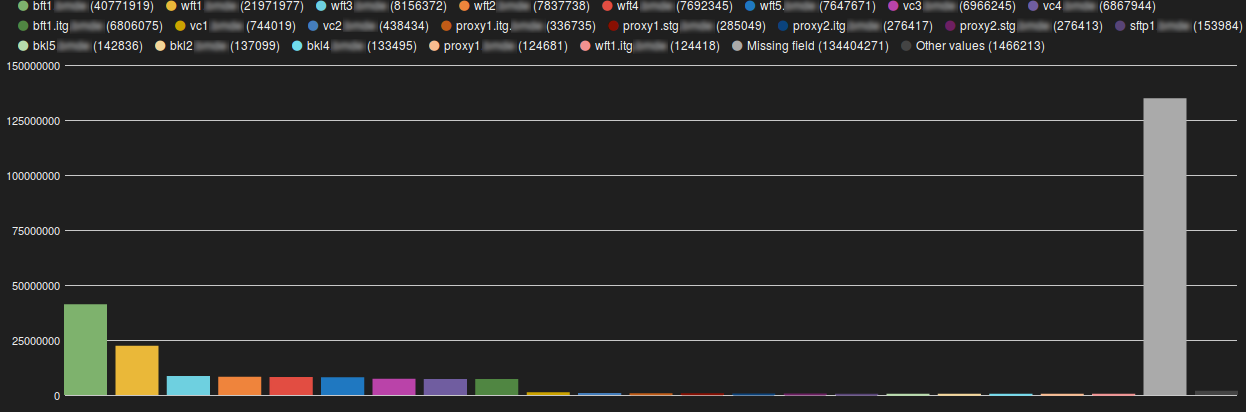
EVENTS OVER TIME



TERMS



TERMS

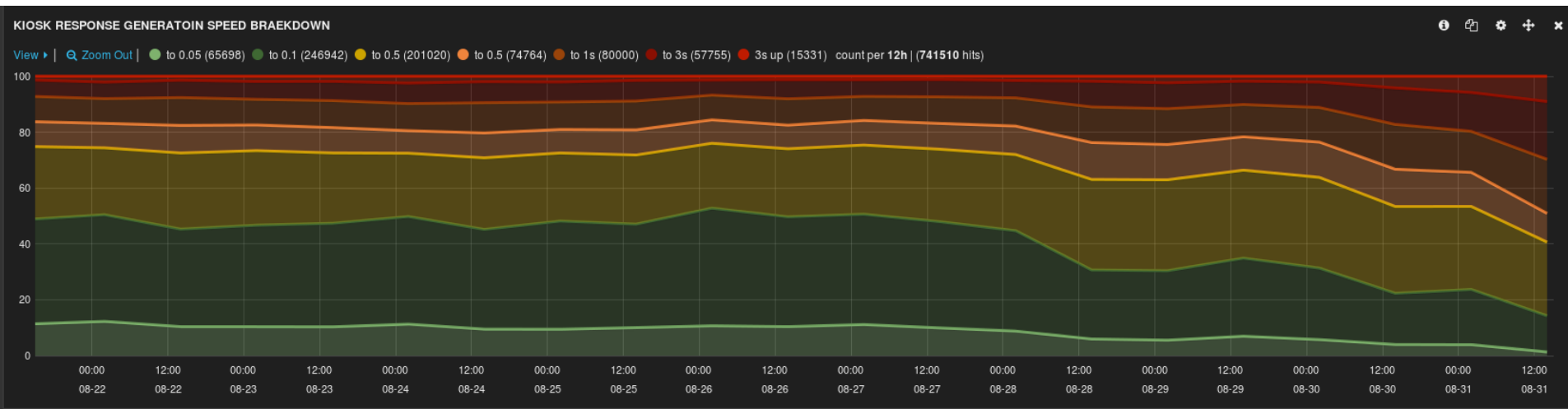


[illegible]

1. Few clicks and it was clear who's guilty
2. Adding another table panel with "terms" filter we were able to list all lacking files
3. I can't imagine simpler way to nail it

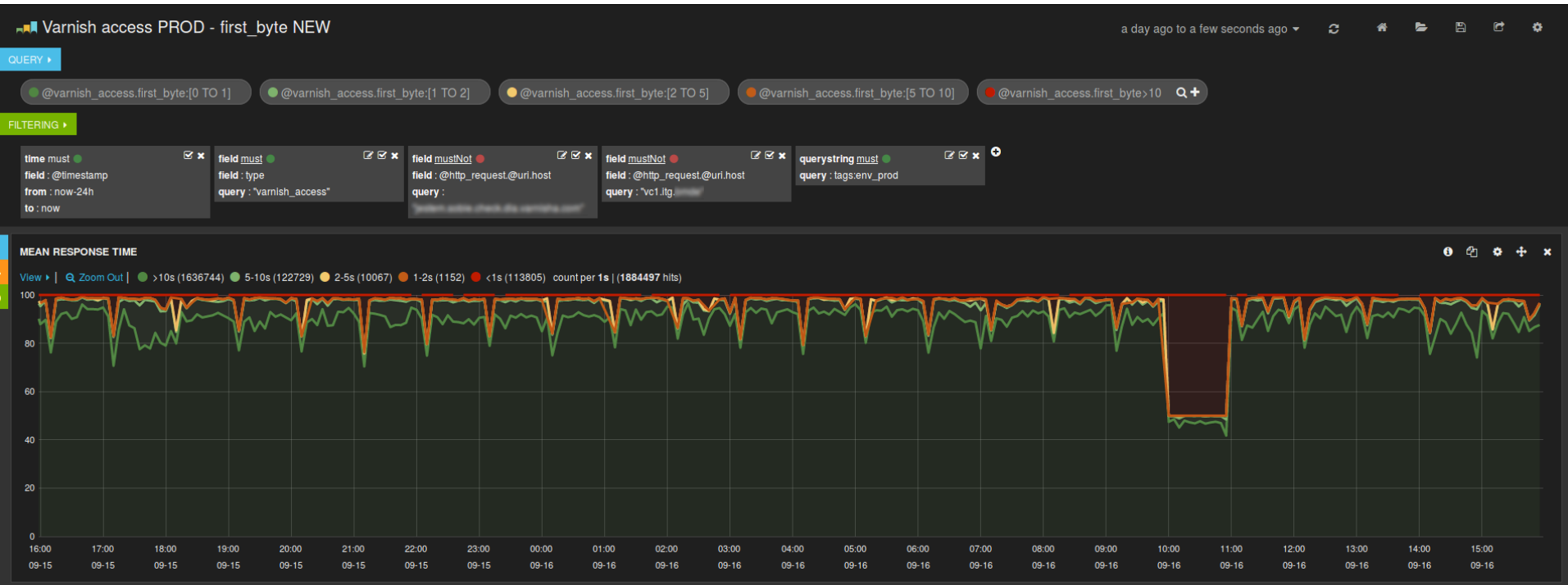
Response time analysis

New search mechanism, full reindex required - did it and how affect performance of service?



Kibana allowed us to actually see impact of our changes on application latency.





What's that hour long hole?

Do we have it more than once?

QUERY

@varnish_access.first_byte:[0 TO 1]
@varnish_access.first_byte:[1 TO 2]
@varnish_access.first_byte:[2 TO 5]
@varnish_access.first_byte:[5 TO 10]
@varnish_access.first_byte>10

FILTERING

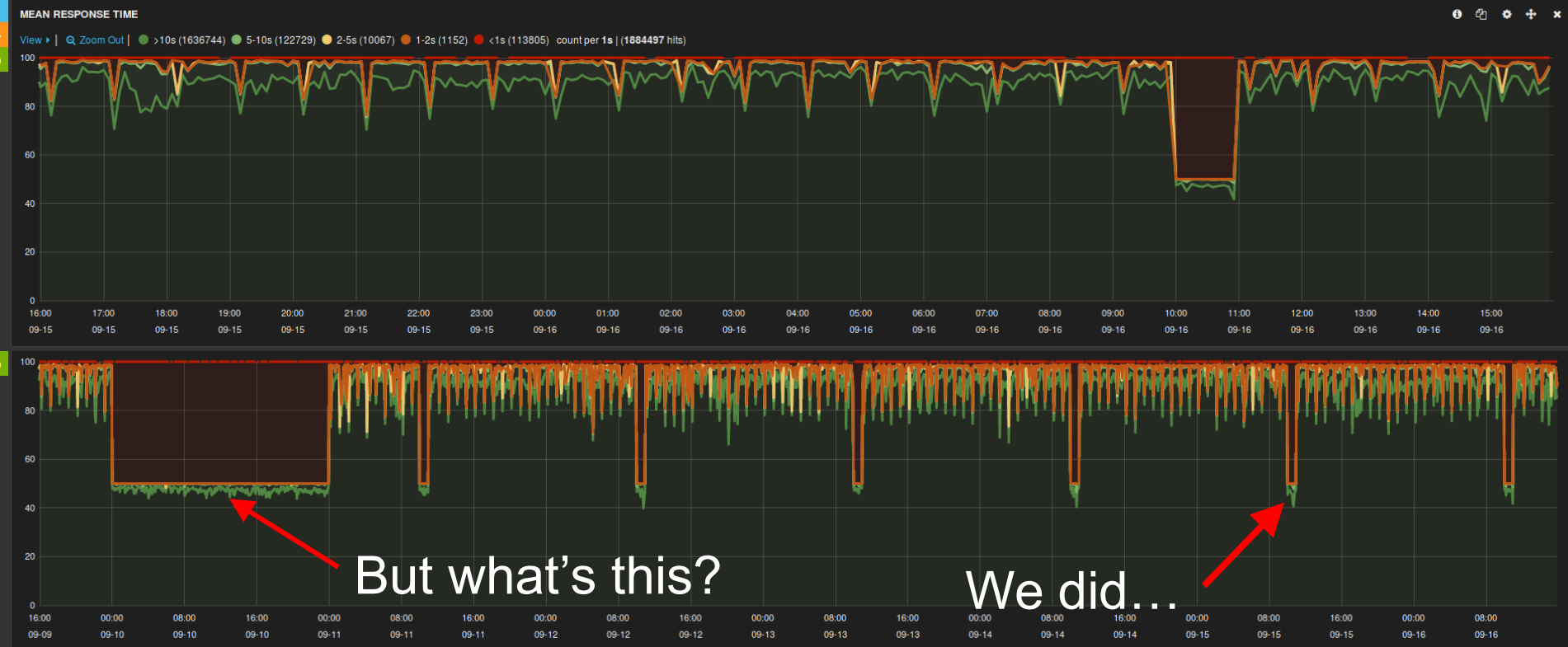
time must
field : @timestamp
from : now-24h
to : now

field must
field : type
query : "varnish_access"

field mustNot
field : @http_request.@url.host
query :

field mustNot
field : @http_request.@url.host
query : "vc1.tlg"

querystring must
query : tags:env_prod



QUERY

FILTERING

time must

field : @timestamp

from : now-6h

to : now

field mustNot

field : @http_request.uri

query : "/api/v1/getrecipinfo.do"

field must

field : type

query : "access_log"

field mustNot

field : @http_request.uri

query : "/api/v1/monitor.do"

field mustNot

field : @http_request.uri

query : "/api/v1/downloadstatus.do"

field mustNot

field : @http_request.uri

query : "/api/v1/bauerxmlforapp.do"

field mustNot

field : @http_request.uri

query : "/api/v1/login.do"

field mustNot

field : @http_request.uri

query : "/api/v1/manager/status?XML=true"

querystring mustNot

query : @http_request.uri:"/api/v1/bauerxmlforapp.do"

field mustNot

field : @http_request.uri

query : "/api/v1/getappcatalogdata.do"

field mustNot

field : @http_request.uri

query : "/api/v1/varnish.do"

field mustNot

field : @http_request.uri

query : update.plist

field mustNot

field : @http_request.uri

query : banner.plist

field mustNot

field : @http_request.uri

query : localizationInfo.plist

field mustNot

field : @http_request.uri

query : localization.zip

field mustNot

field : @http_request.uri

query : "/api/v1/favicon.ico"

field mustNot

field : @http_request.uri

query : banner.zip

field mustNot

field : @http_request.uri

query : "/api/v1/getappdata.do"

field mustNot

field : @http_request.uri

query : "/api/v1/ker"

field mustNot

field : @http_request.uri

query : "/api/v1/ets"

field mustNot

field : @http_request.uri

query : "/api/v1/resources"

field mustNot

field : @http_request.uri

query : "/api/v1/registerPush.do"

field mustNot

field : @http_request.uri

query : "/api/v1/getCatalogPage.do"

field must

field : host

query : "wft"

field mustNot

field : @http_request.uri

query : "/api/v1/getwebdata.do"

field mustNot

field : @http_request.uri

query : "/api/v1/catalog/ApiClient"

field mustNot

field : @http_request.uri

query : "/api/v1/customerlogin.do"

field mustNot

field : @access_log.status

query : 403

field mustNot

field : @http_request.uri

query : "/api/v1/getCss.do"

field mustNot

field : @http_request.uri

query : "/api/v1/assets"

field mustNot

field : @http_request.uri

query : "/api/v1/getcatalogwebclient.do"

field mustNot

field : @http_request.uri

query : "/api/v1/favicon.do"

field mustNot

field : @http_request.uri

query : "/api/v1/getcatalog.do"

field mustNot

field : @http_request.uri

query : "/api/v1/logout.do"

field mustNot

field : @http_request.uri

query : "/api/v1/catalogsearch.do"

field mustNot

field : @http_request.uri

query : "/api/v1/atomfeed.do"

field mustNot

field : @http_request.uri

query : "/api/v1/sendappfeedback.do"

field mustNot

field : @http_request.uri

query : "/api/v1/catalogmngt.do"

field mustNot

field : @http_request.uri

query : "/api/v1/customerpage.do"

field mustNot

field : @http_request.uri

query : "/api/v1/multimedia"

GRAPH

ALL EVENTS

Fields

Alt (554) / Current (22)

Type to filter...

☐ @access_log.clientip

☐ @access_log.request

☒ @access_log.status

☐ @access_log.timestamp

☐ @http_request.method

☐ @http_request.proto_version

☒ @http_request.uri

☐ @timestamp

0 to 100 of 117 available for paging

@http_request.uri

122242BBCB564.n2?path=img&f=catcover.jpg&catalogId=578

404

F19386671A67D.n1?path=img&f=catcover.jpg&catalogId=280

404

FFF107F52332A.n3?path=img&f=catcover.jpg&catalogId=114

404

i75A79A70A972.n1?path=img&f=catcover.jpg&catalogId=473

404

34621944B06A1.n2?path=img&f=catcover.jpg&catalogId=235

404

B3E6BFBF519E.n1?path=img&f=catcover.jpg&catalogId=237

404

@access_log.status



interia

Thank you for attention