Continuous Delivery - Case

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InfoSupport
Solid Innovator

Inhoudsopgave

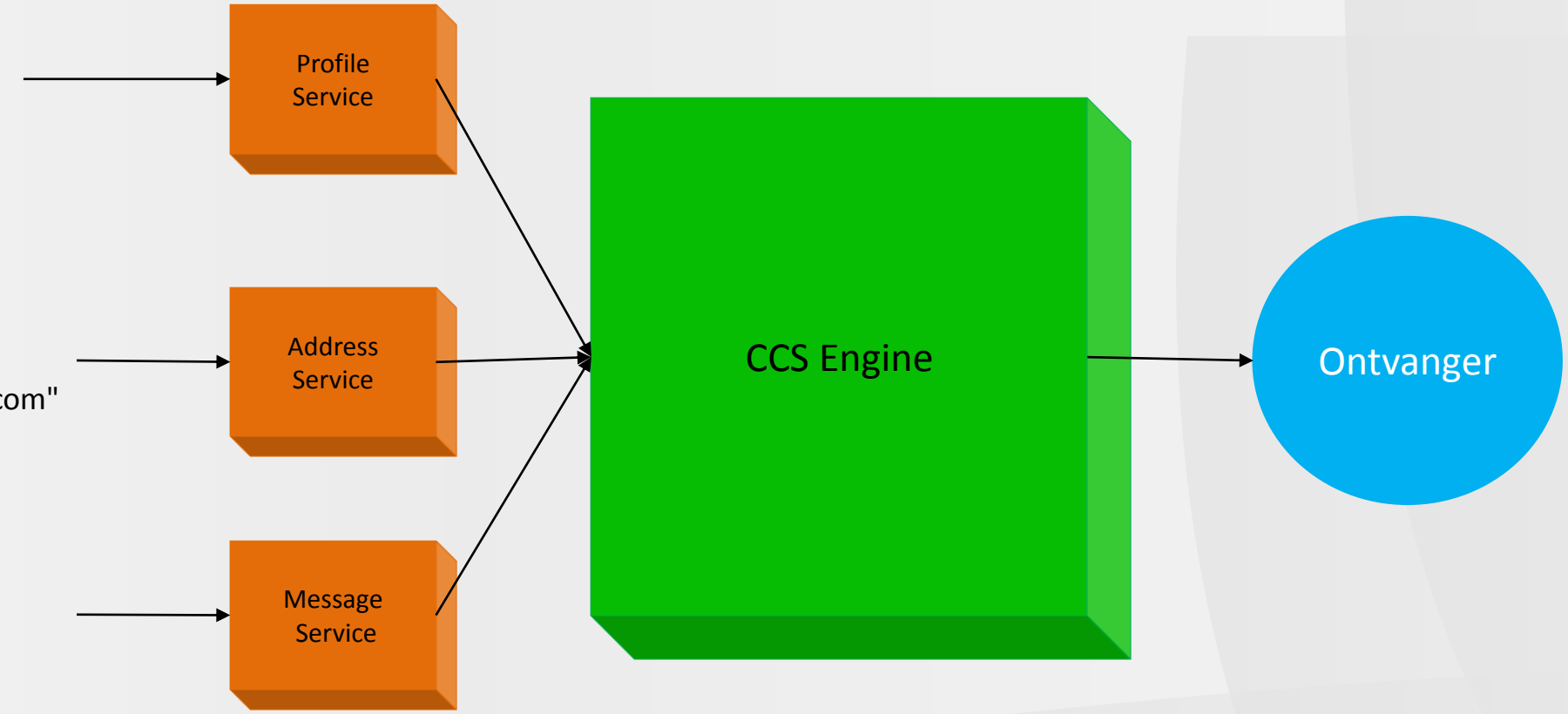
- Case
- TFS
- Specification by example
- Containers
- Logging
- Hoe te beginnen?

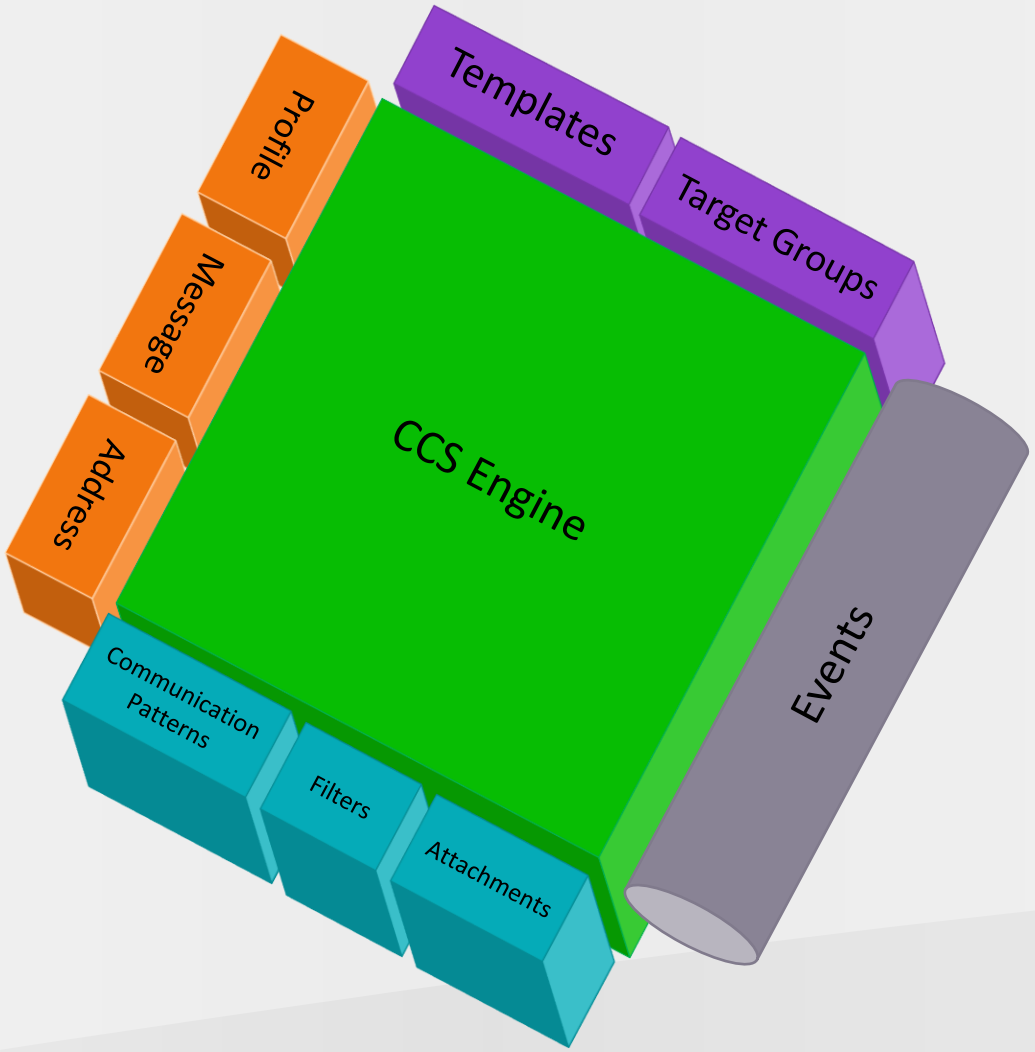
Voorbeeld Case: CCS

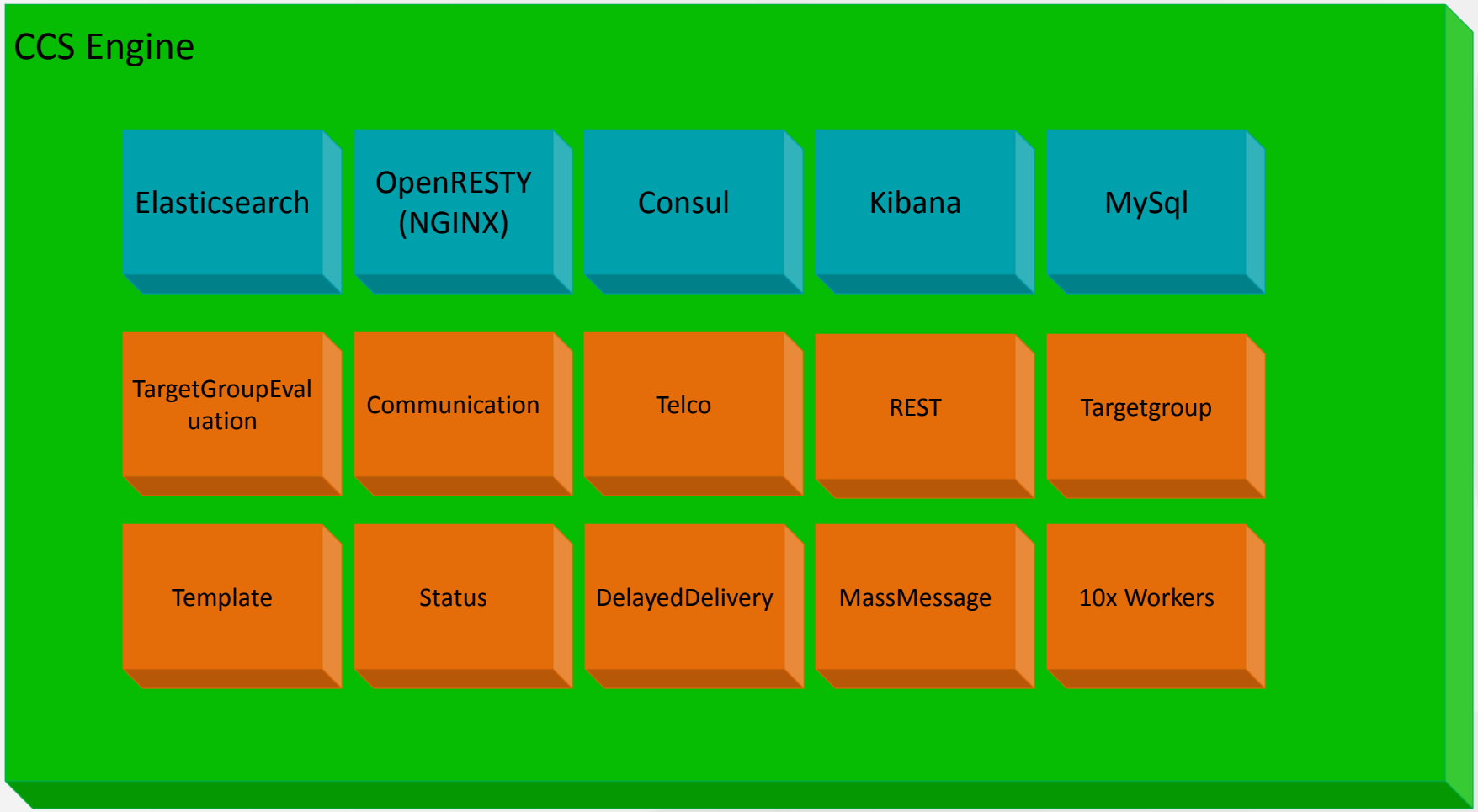
/profileservice/1
```
{
   "Voornaam": "Thomas",
   "Achternaam": "Bruggink",
   "Standplaats": "Veenendaal",
   "Locatie": "Groningen",
   "Project": ["knowNow", "CCS", "NS-ROB"]
}
```

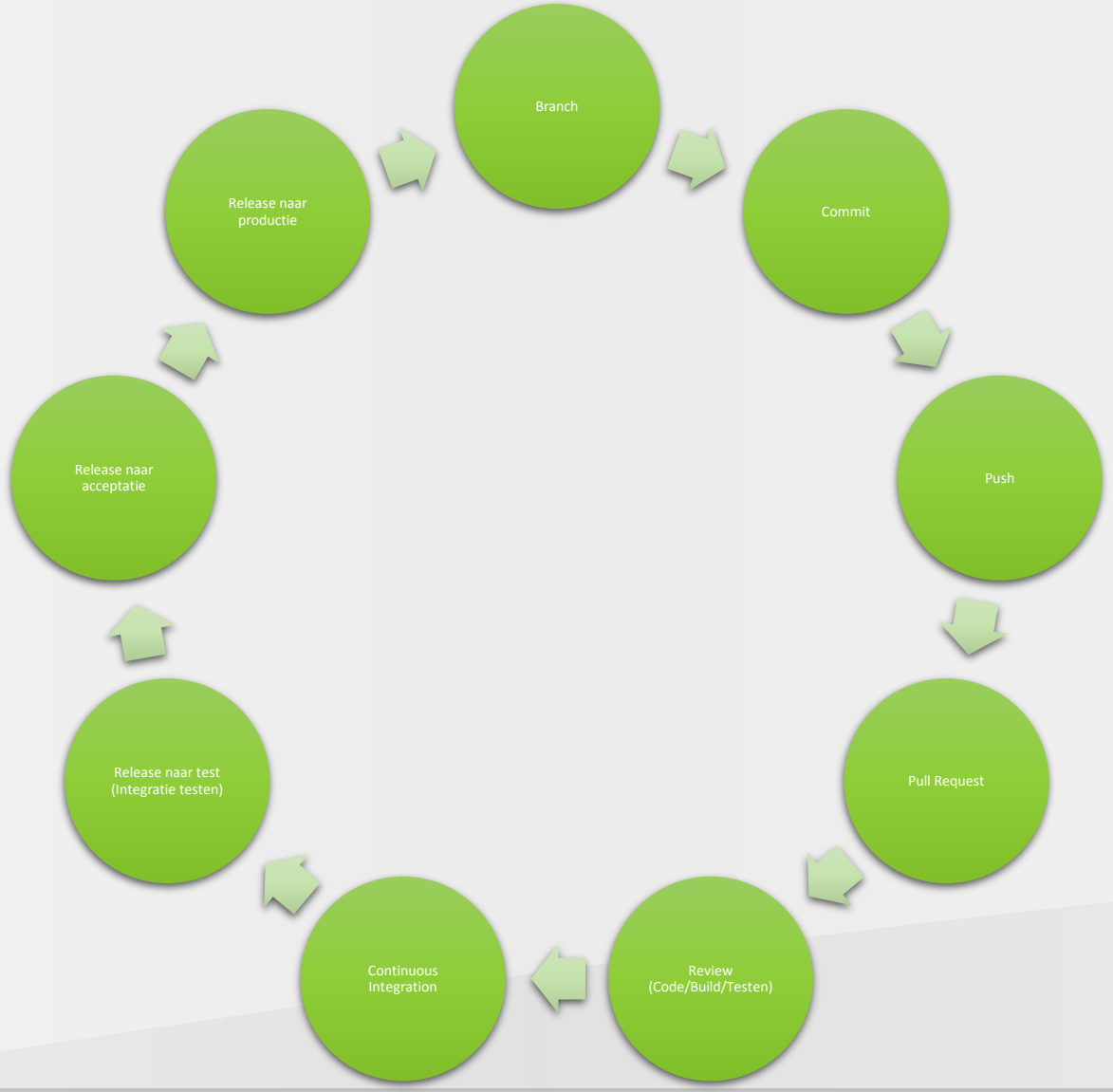
/addressservice/1
```
{
   “SMS": "+31 612345678",
   "Email": "thomas.bruggink@infosupport.com"
}
```

/messages/send
```
{
   "Parameters": [{"Locatie":"Groningen"}],
   "Devices": ["Email", "SMS"]
}
```




Templates
Target Groups
Profile
Message
Address
CCS Engine
Events
Communication Patterns
Filters
Attachments


CCS Engine
Elasticsearch
OpenRESTY (NGINX)
Consul
Kibana
MySql
TargetGroupEvaluation
Communication
Telco
REST
Targetgroup
Template
Status
DelayedDelivery
MassMessage
10x Workers

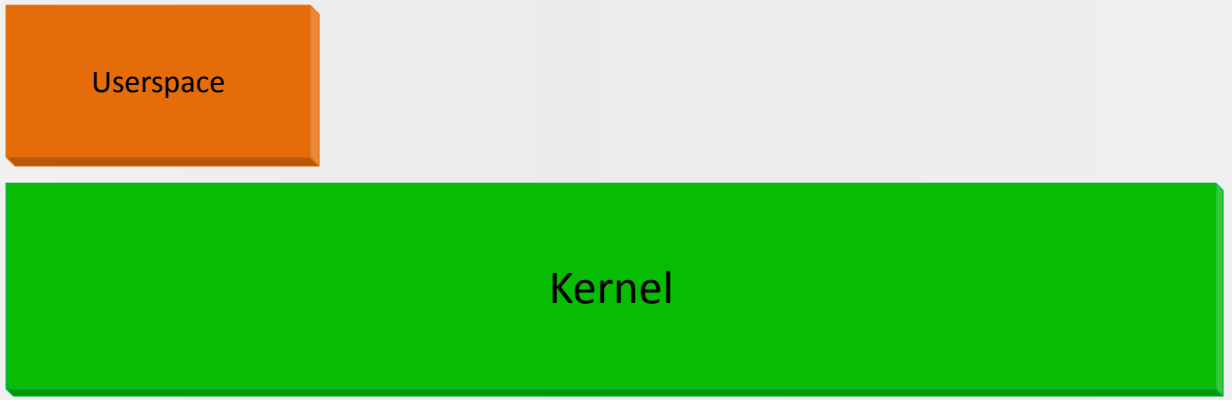

Branch
Commit
Push
Pull Request
Review
(Code/Build/Testen)
Continuous
Integration
Release naar test
(Integratie testen)
Release naar
acceptatie
Release naar
productie

TFS

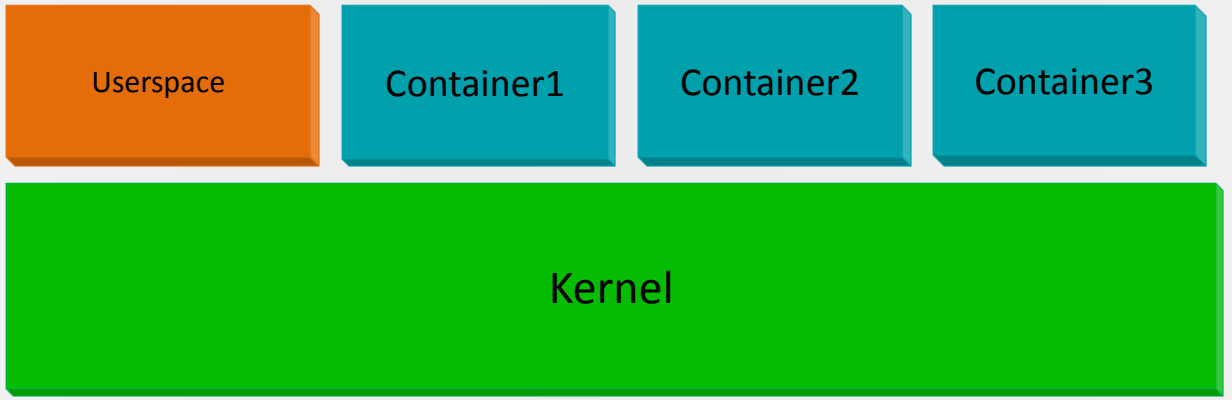
Specification by example

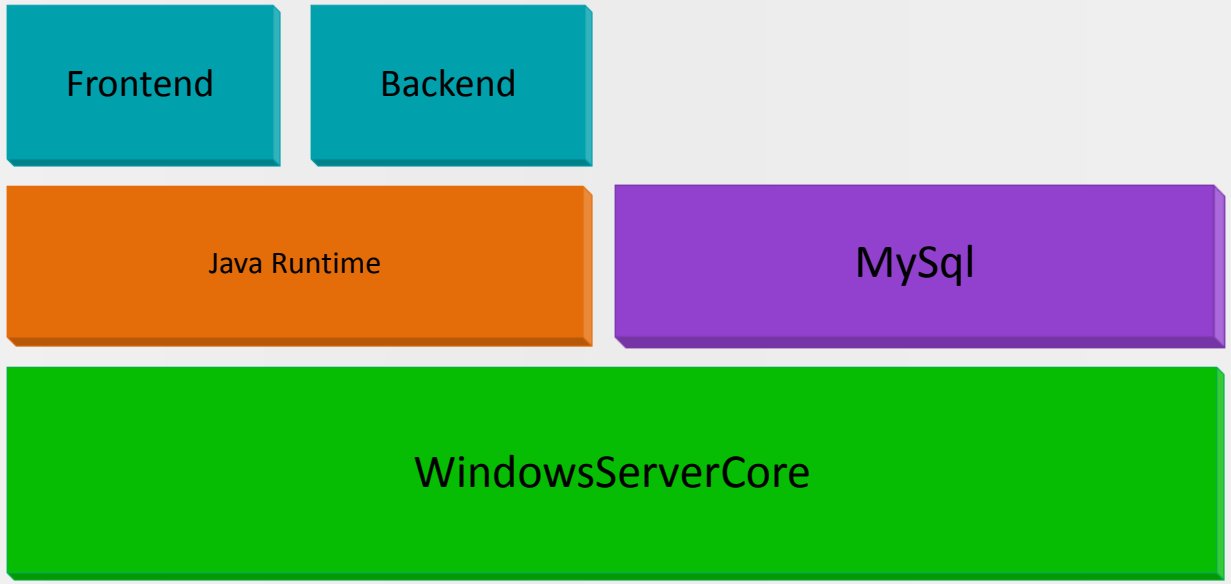
Containers

Containers

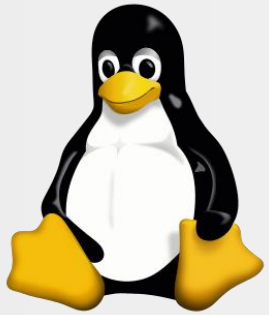


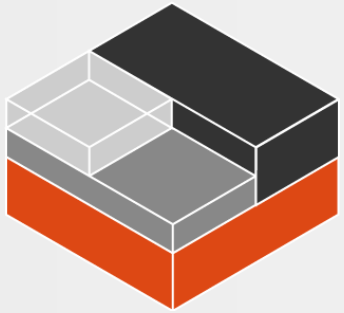
Containers




Frontend
Backend
Java Runtime
MySql
WindowsServerCore

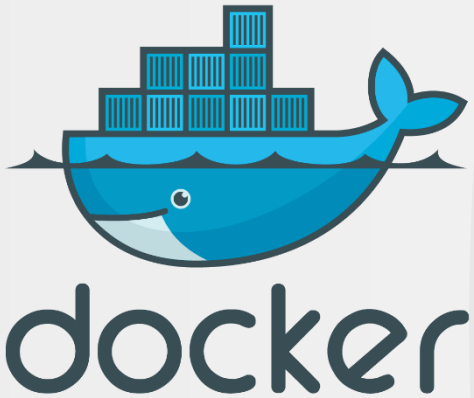
VmCompute / Hyper-V

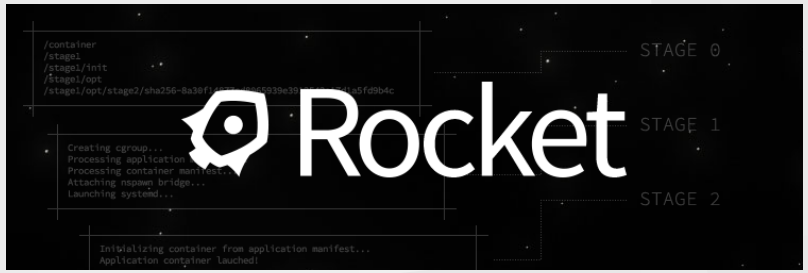




Libcontainer / LXC (Linux Containers)

flocsport

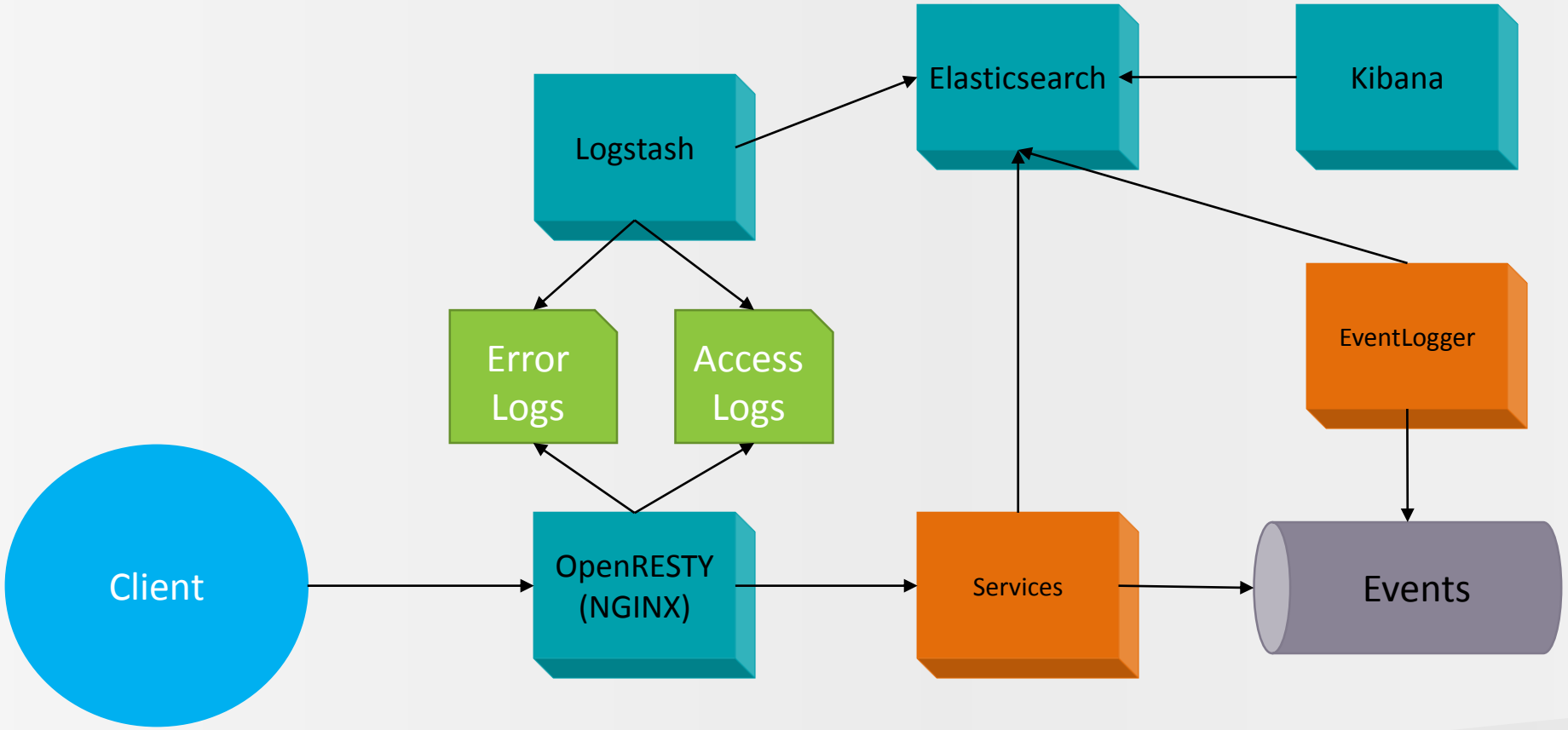


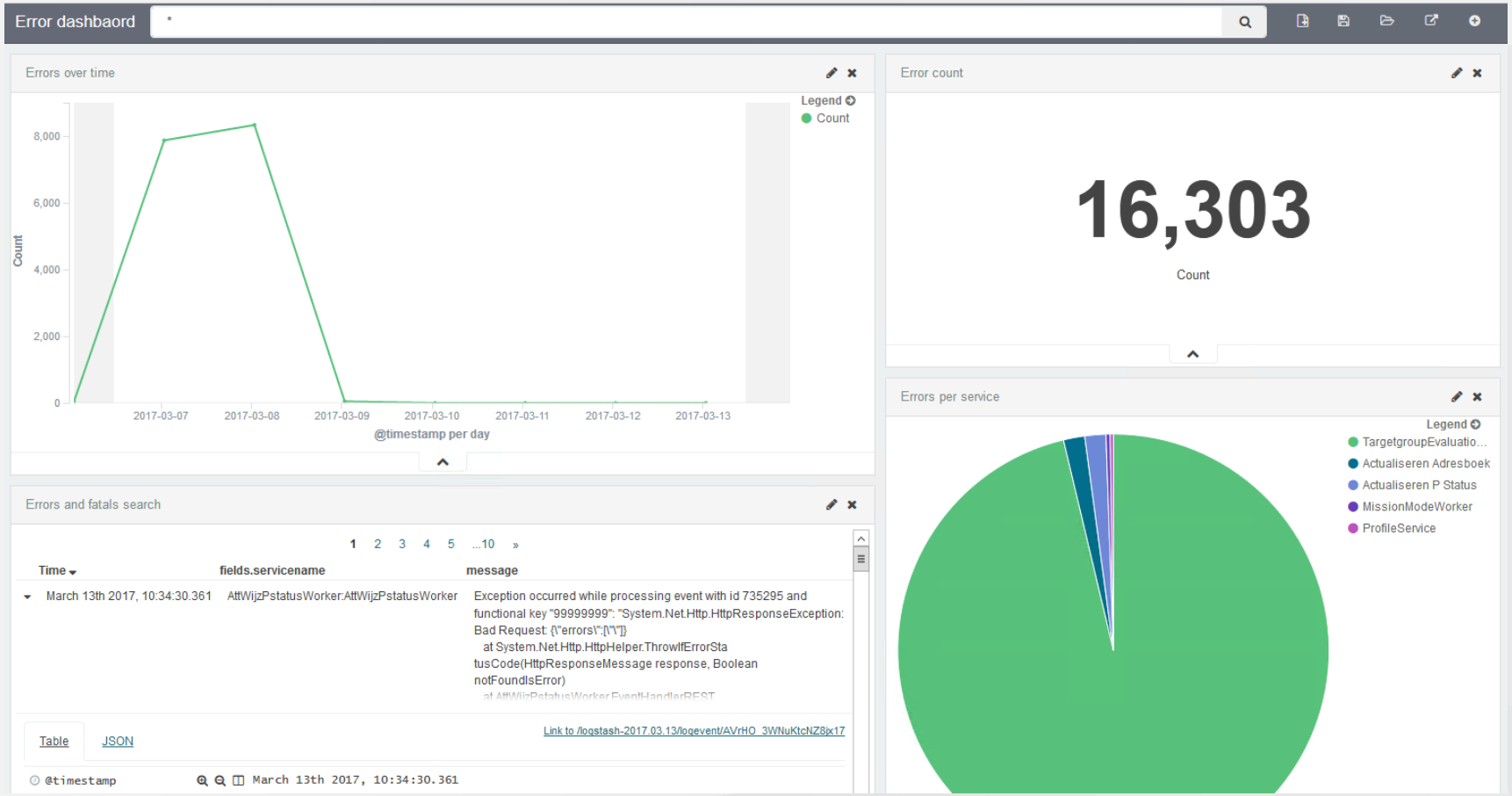


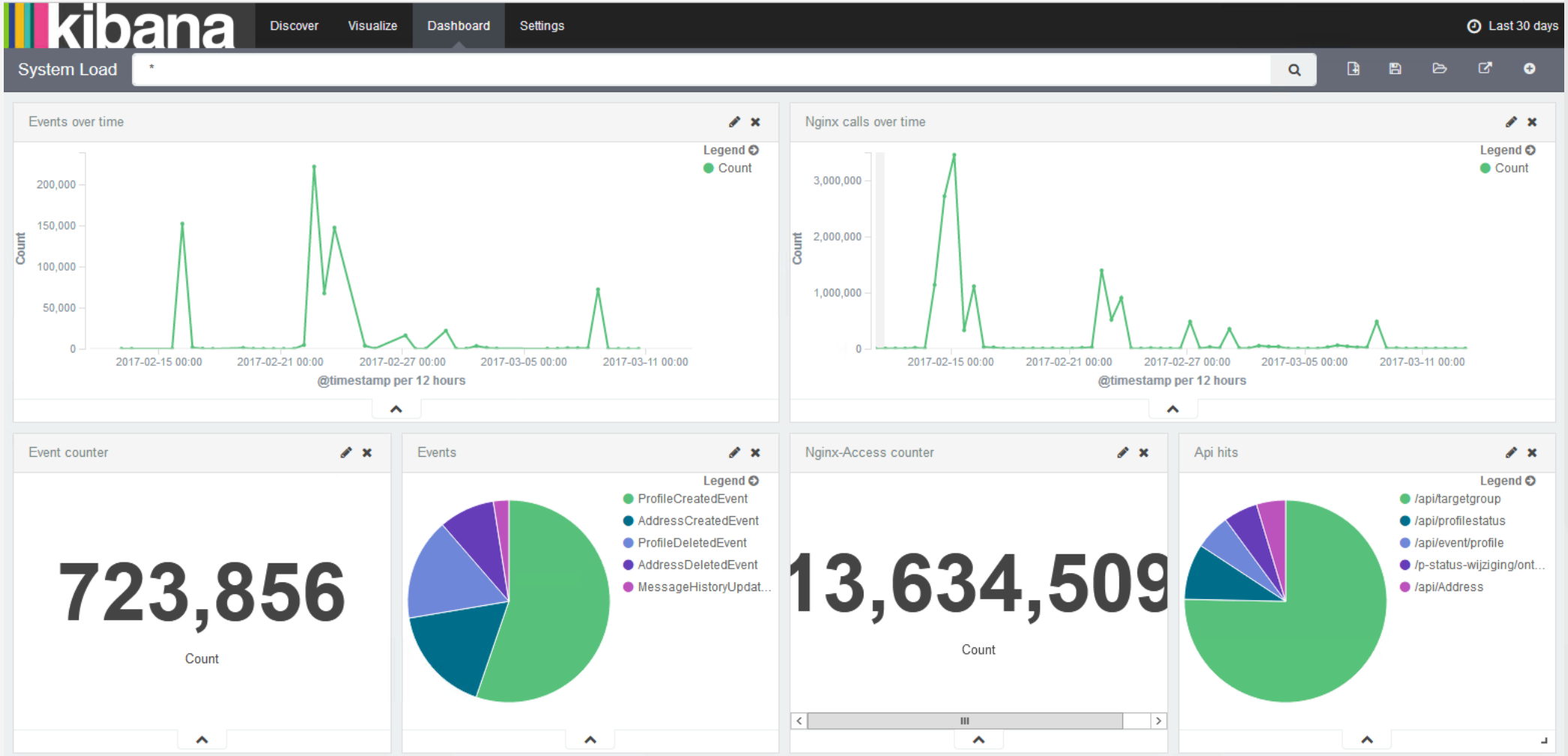
Containers

- NGINX
- ElasticSearch
- Kibana
- Logstash
- Consul
- Windows Services (Dev)

Logging


Elasticsearch
Kibana
Logstash
Error Logs
Access Logs
EventLogger
Client
OpenRESTY (NGINX)
Services
Events


Error dashbaord
*
Errors over time
Legend
Count
8,000
6,000
4,000
2,000
0
Count
2017-03-07
2017-03-08
2017-03-09
2017-03-10
2017-03-11
2017-03-12
2017-03-13
@timestamp per day
Error count
16,303
Count
Errors per service
Legend
TargetgroupEvaluatio...
Actualiseren Adresboek
Actualiseren P Status
MissionModeWorker
ProfileService
Errors and fatals search
1 2 3 4 5 ...10 »
Time
fields.servicename
message
March 13th 2017, 10:34:30.361
AttWijzPstatusWorker:AttWijzPstatusWorker
Exception occurred while processing event with id 735295 and functional key "99999999": "System.Net.Http.HttpResponseException: Bad Request: {\"errors\":[\"\"]}
at System.Net.Http.HttpHelper.ThrowIfErrorStatusCode(HttpResponseMessage response, Boolean notFoundIsError)
Table
JSON
Link to /logstash-2017.03.13/logevent/AVrHO_3WNuKtcNZ8jx17
@timestamp
March 13th 2017, 10:34:30.361


kibana
Discover
Visualize
Dashboard
Settings
Last 30 days
System Load
*
Events over time
Legend
Count
200,000
150,000
100,000
50,000
0
Count
2017-02-15 00:00
2017-02-21 00:00
2017-02-27 00:00
2017-03-05 00:00
2017-03-11 00:00
@timestamp per 12 hours
Nginx calls over time
Legend
Count
3,000,000
2,000,000
1,000,000
0
Count
2017-02-15 00:00
2017-02-21 00:00
2017-02-27 00:00
2017-03-05 00:00
2017-03-11 00:00
@timestamp per 12 hours
Event counter
723,856
Count
Events
Legend
ProfileCreatedEvent
AddressCreatedEvent
ProfileDeletedEvent
AddressDeletedEvent
MessageHistoryUpdat...
Nginx-Access counter
13,634,509
Count
Api hits
Legend
/api/targetgroup
/api/profilestatus
/api/event/profile
/p-status-wijziging/ont...
/api/Address

Hoe beginnen?

Conclusie

Vragen?

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https://github.com/thomasbruggink/rdw-demo