Service Discovery in progress

Service Discovery in progress

Der steinige Weg zu

0conf Routing
im eigenen RZ

Service Discovery in progress

März 2016

1 Data Center

80 % Centos 6

20 % Centos 7

Service Discovery in progress

March 2016

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4x Apache 2.2 classical RR 1 Public IP/Server

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4 Static Websites 1 Webshop with state (session)

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4x Apache 2.2 classical RR 1 Public IP/Server

4 Static Websites 1 Webshop with state (session)

ca. 40 Microservices run by shell scripts

Service Discovery in progress

Build a second DC for Tenant projects

- Route Legacy and current Systems
- Service based Routing
- Reduce manual tasks
- Secure DMZ with modern Webserver Technology

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NGINX

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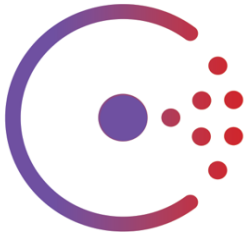
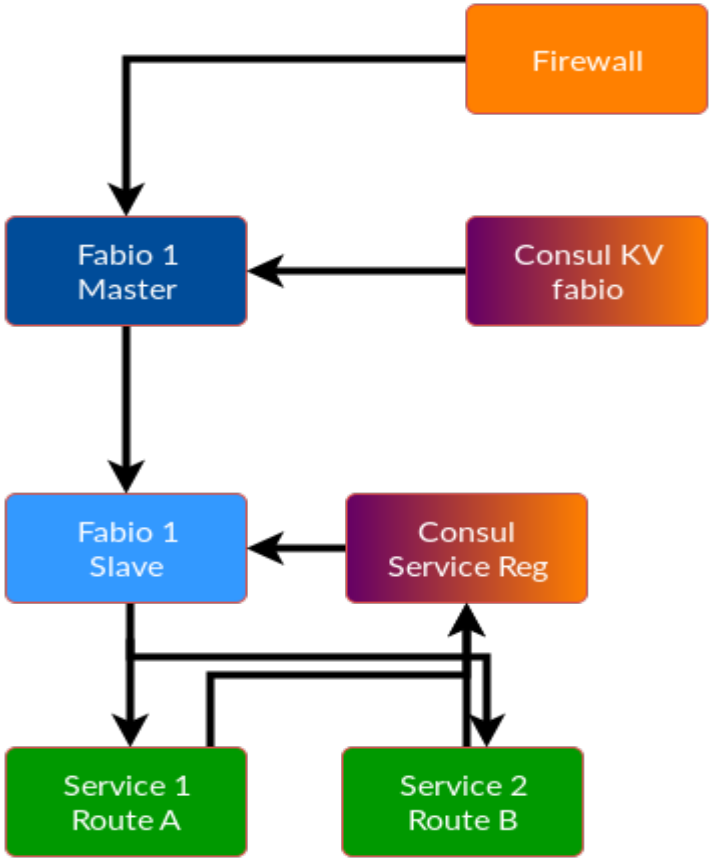
NGINX



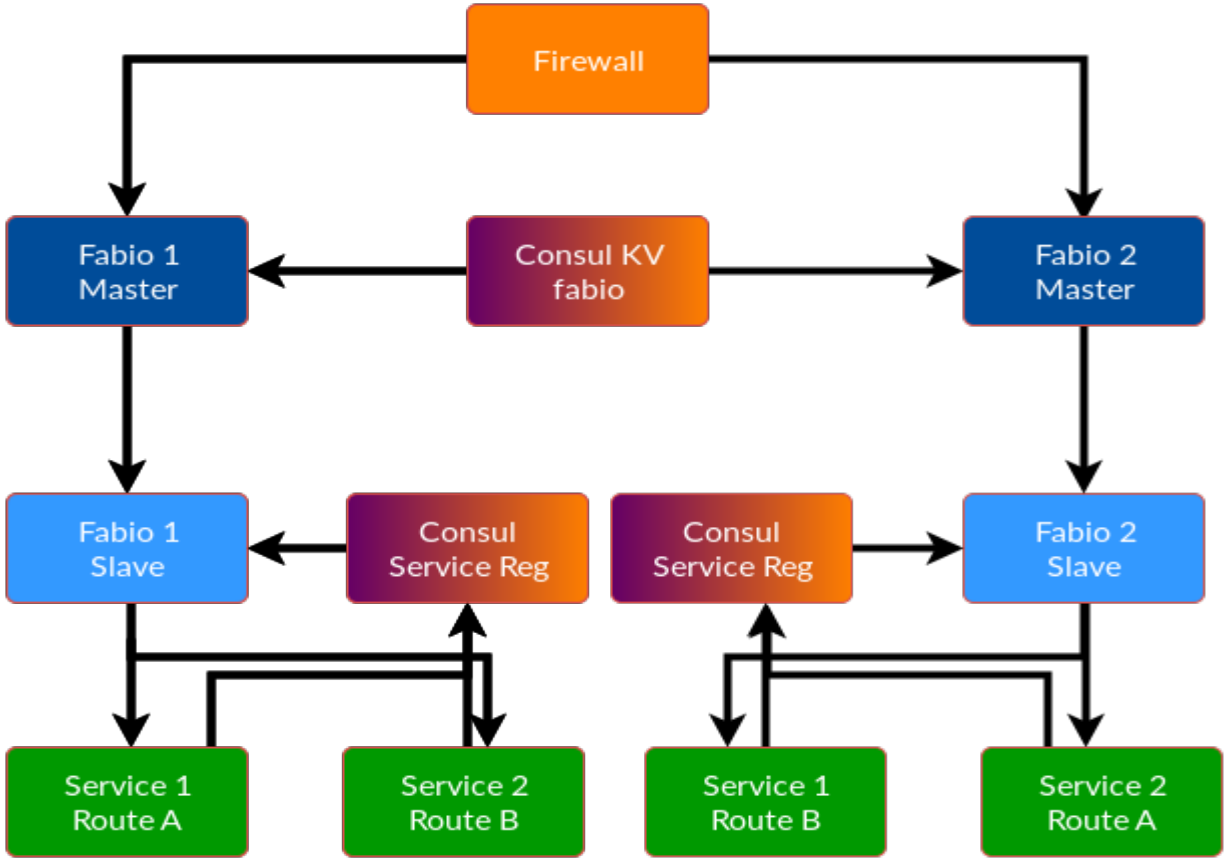
CONSUL

Service Discovery in progress

Service Discovery in progress



Service Discovery in progress



Service Discovery in progress

June 2016

2 Data Center

60 % Centos 6

60 % Centos 7

Two level Fabio 1.2 with Nginx Proxys & Cache

1 Public IP / TLS Cert

Multi Service Applications with docker-compose

Service Discovery in progress

December 2016

2 Data Center

55 % Centos 6

45 % Centos 7

Fabio 1.3.5 with Consul Cluster

1 Public IP / DC

Service Registration in Consul (on Deploy)

Service Discovery in progress

Next Steps

2-3 Data Center

40 % Centos 6

60 % Centos 7

Fabio with Consul Cluster

Inter Service Routing

Multi DC Routing

Let’s Encrypt integration

Service Discovery in progress

Service Discovery in progress

https://github.com/raben2

https://github.com/eBay/fabio

https://github.com/hashicorp/consul

https://www.deposit-solutions.com

QUESTIONS?