Datacenter #1

Virgil Identity service

Virgil Identity node#1

Virgil Keys service

Virgil Keys load balancer

Virgil Keys node#1 | Virgil Keys node#2 | ... | Virgil Keys node#N

Global identities validation

Virgil Authenticator service

Virgil Authenticator load balancer

Virgil Authenticator node#1 | Virgil Authenticator node#2 | ... | Virgil Authenticator node#N

Access tokens validation

Database read/write operations

Database read/write operations

Database read/write operations

Push statistics info to the queue

MongoDB slave replica node

Collections:
— virgil_keys
— identity
— authenticator

This database gets synchronised with primary nodes using MongoDB replication utilities and is the only state container.

RabbitMQ logs queue

Retrieve statistics info from the queue

Virgil Stats service

! This service is not implemented yet

Virgil Stats node#1