RCM REDESIGN

12.01.2021

ERLEBEN, WAS VERBINDET.

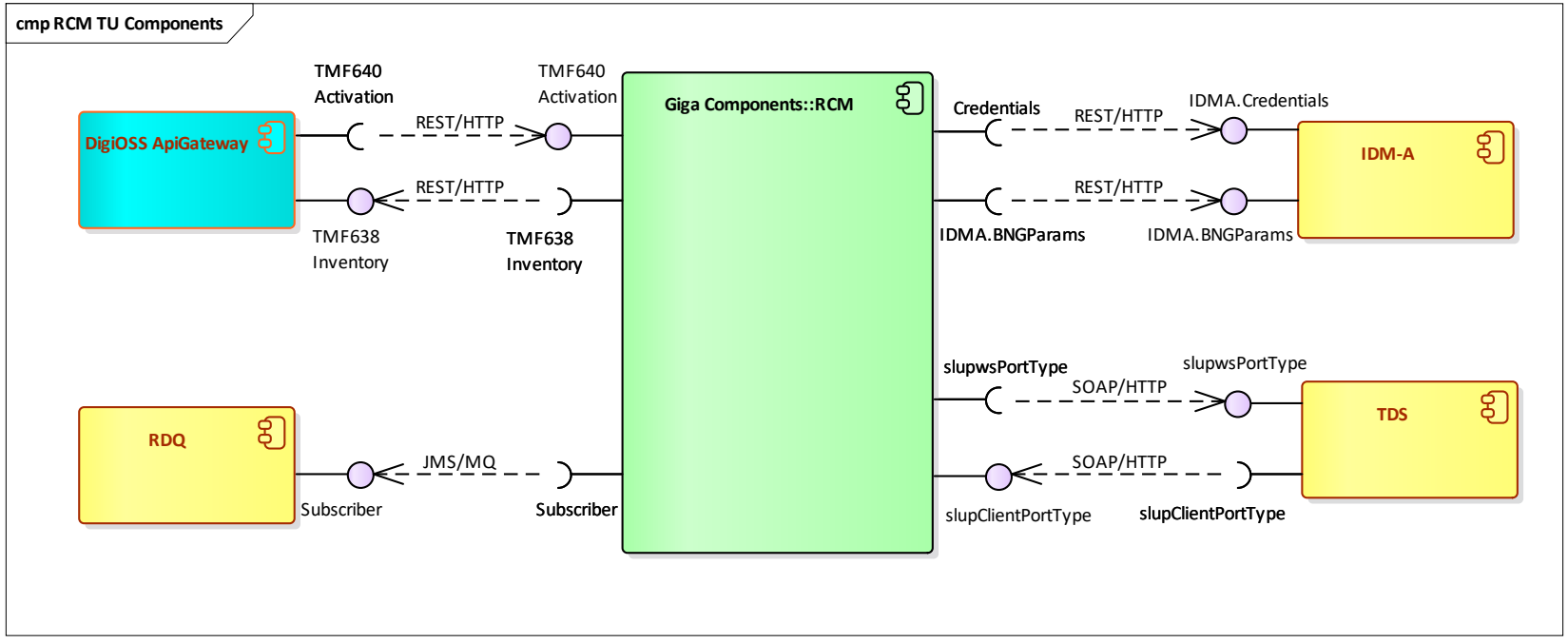
RCM – MAIN TASKS

RCM was set up as a module to fulfill IP Access for Gigabit Subscribers. It works closely together with DigiOSS and is part of the main fulfillment usecases for Giga.

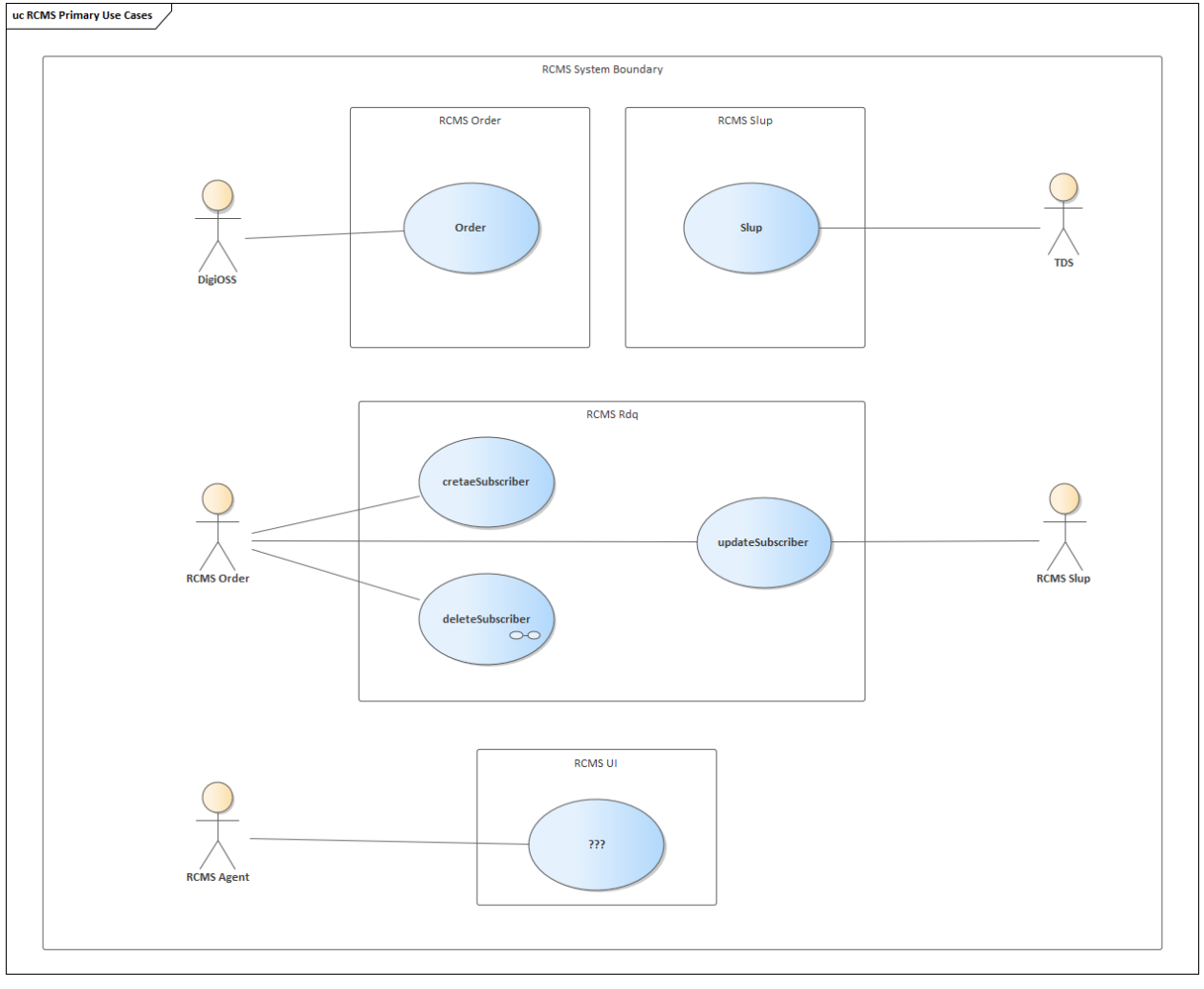
Main tasks of RCM are:

1. Build and Activate IP Access within Gigabit-Geschäftssystem context
2. Retrieve Access Credentials from IDM-A and forward to DigiOSS
3. Provision IP Access Parameterset to Network Control (Plattformsteuerung) via RDQ_IN
4. Propagate BNG parameters to IDM-A (LineID, UserAuthRequired)
5. Receive operational changes from TDS (SLUP events)
6. Access to service inventory of DigiOSS – read and write operational data of IP Access

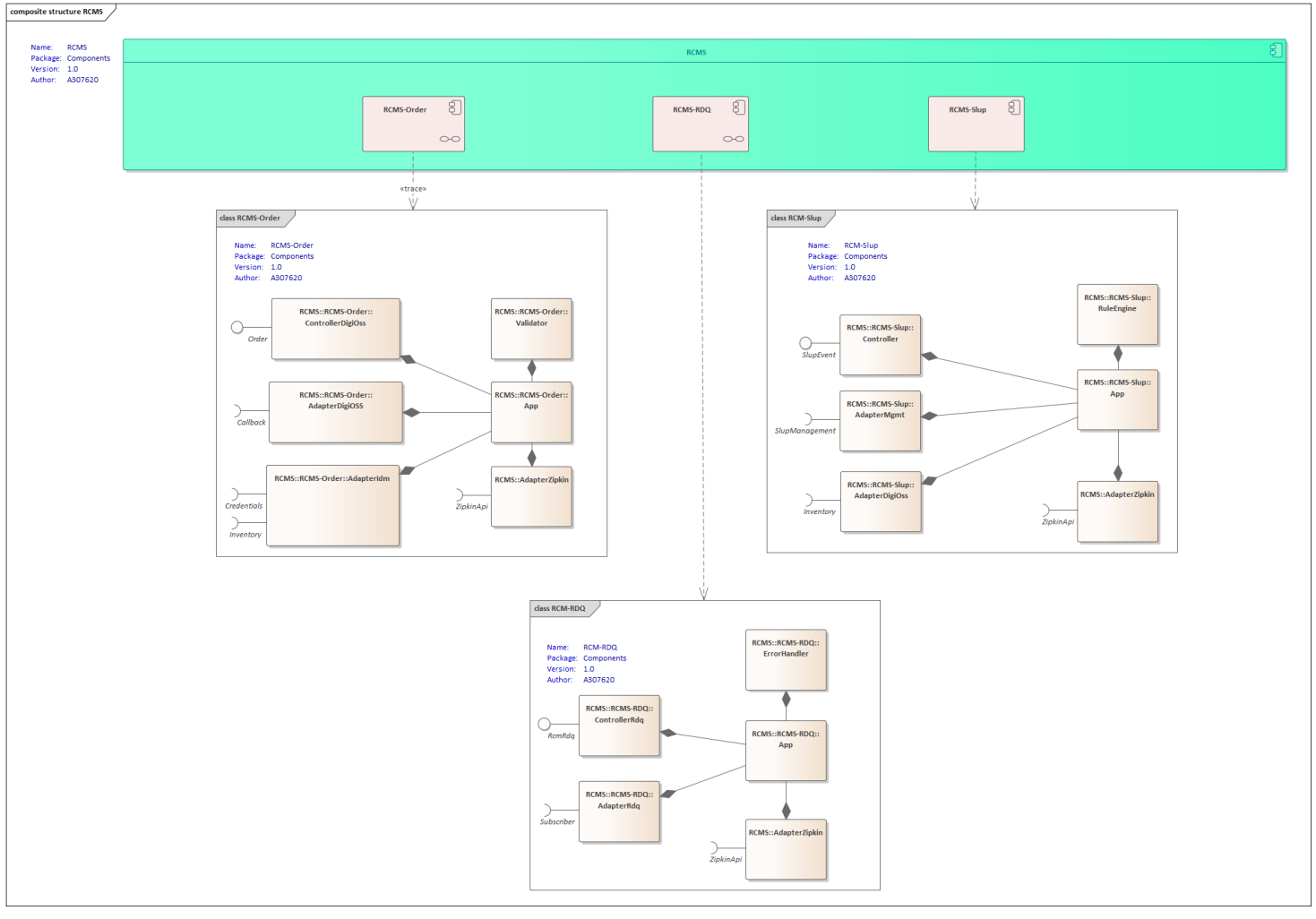
RCM INTERFACES



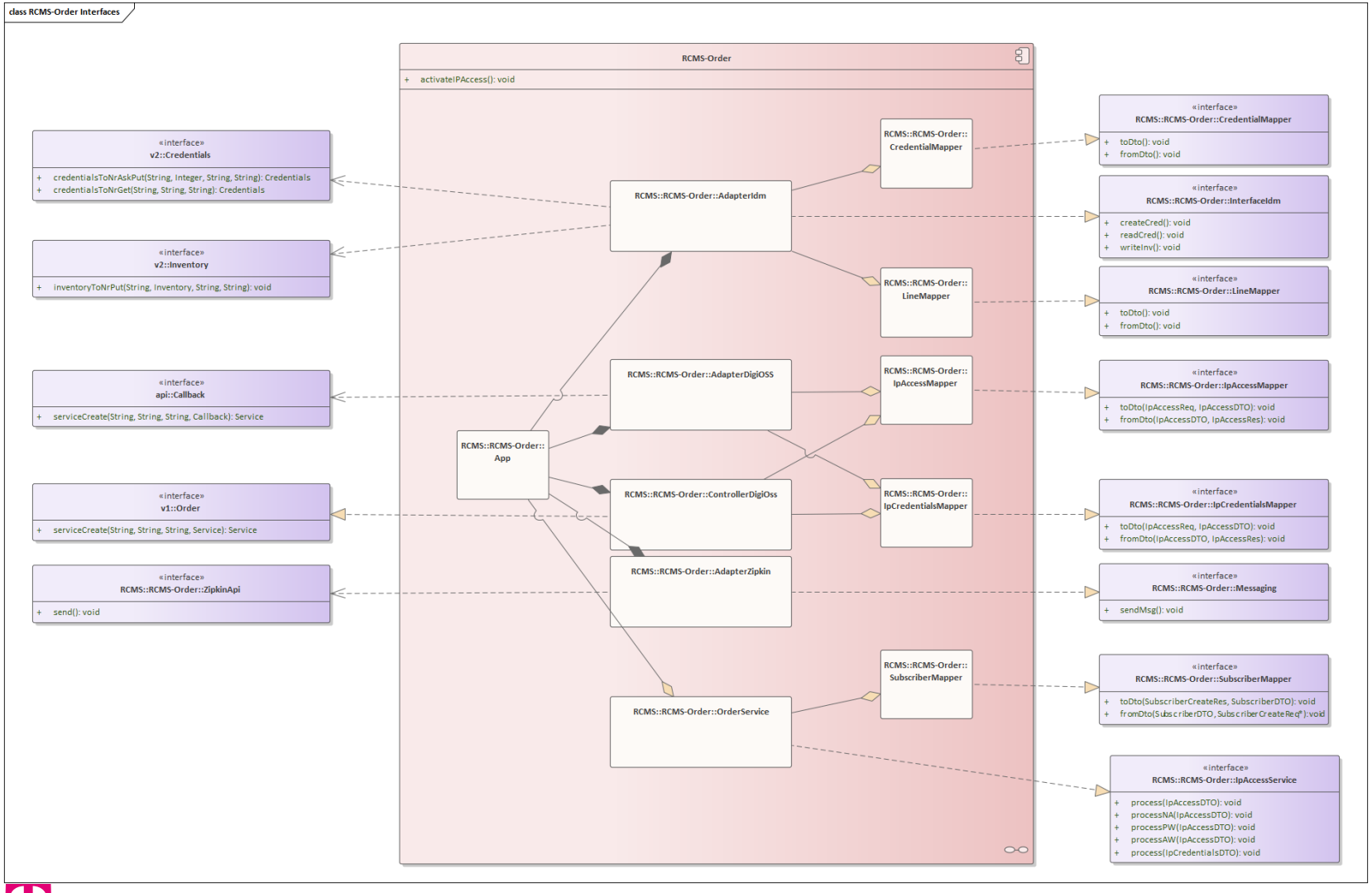
RCM MICROSERVICES USECASES



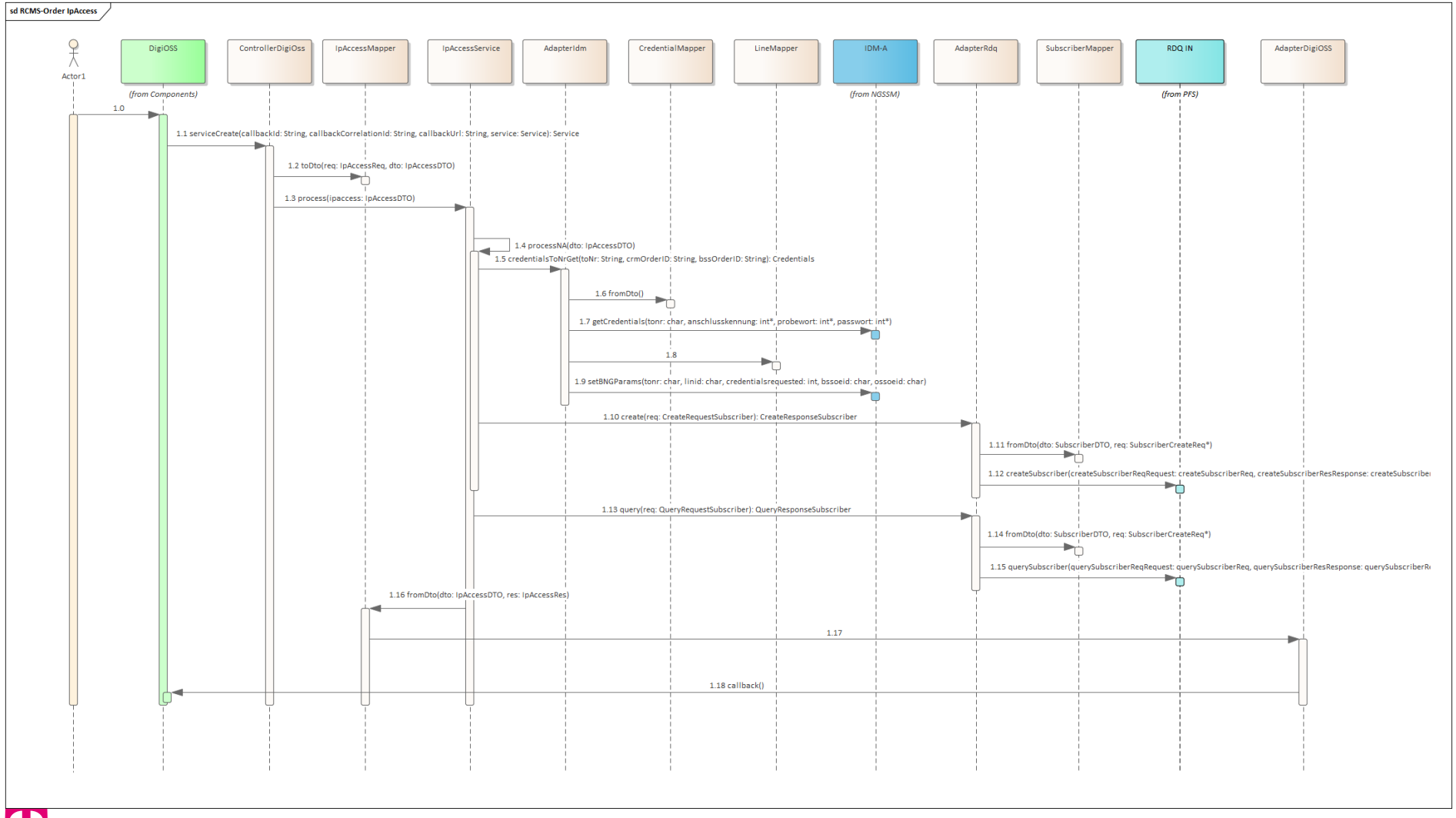
RCM MICROSERVICES KOMPONENTEN



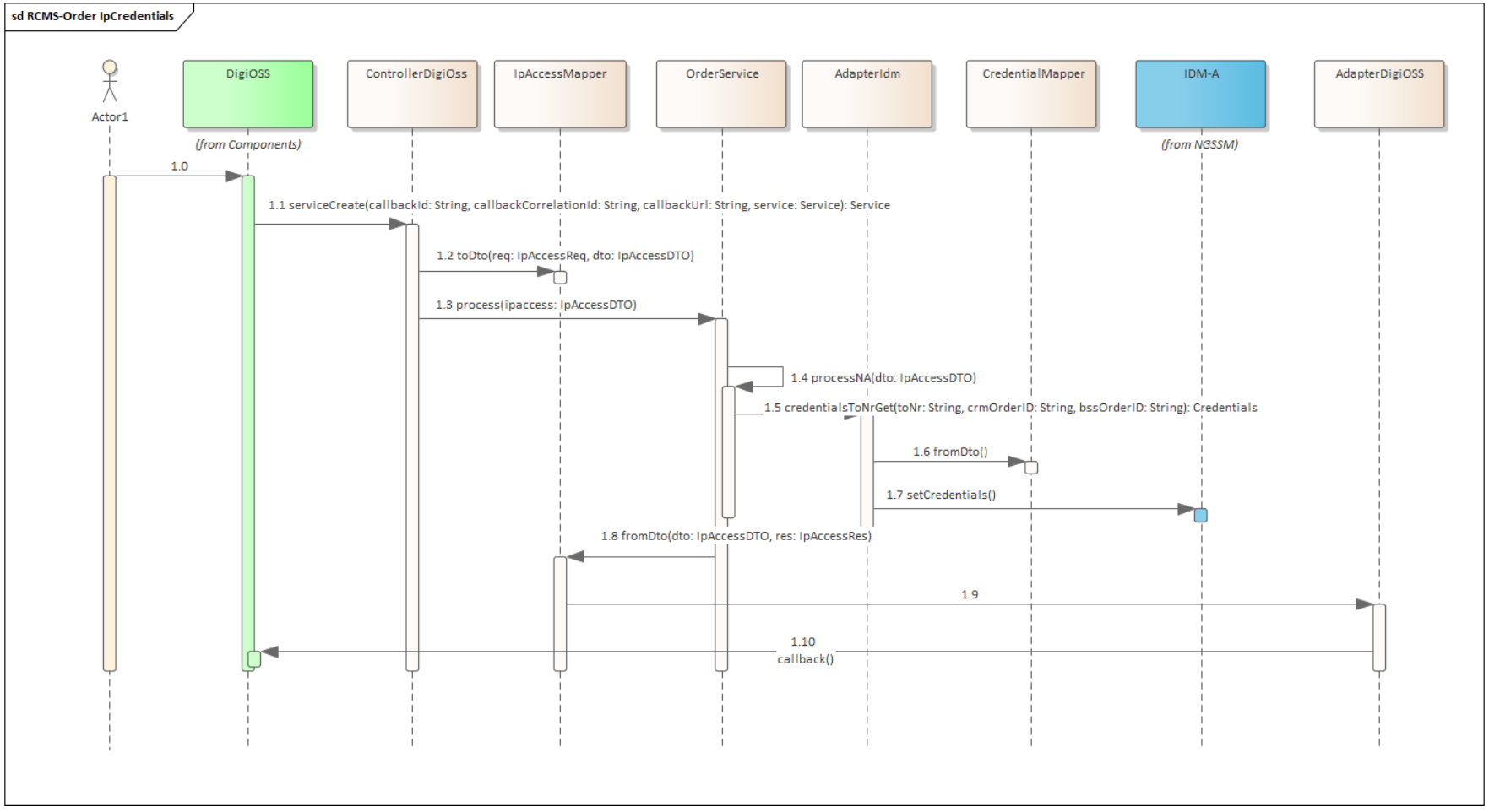
RCM ORDER MS COMPONENTS



ACTIVATE IPACCESS – NEW_ACTIVATION



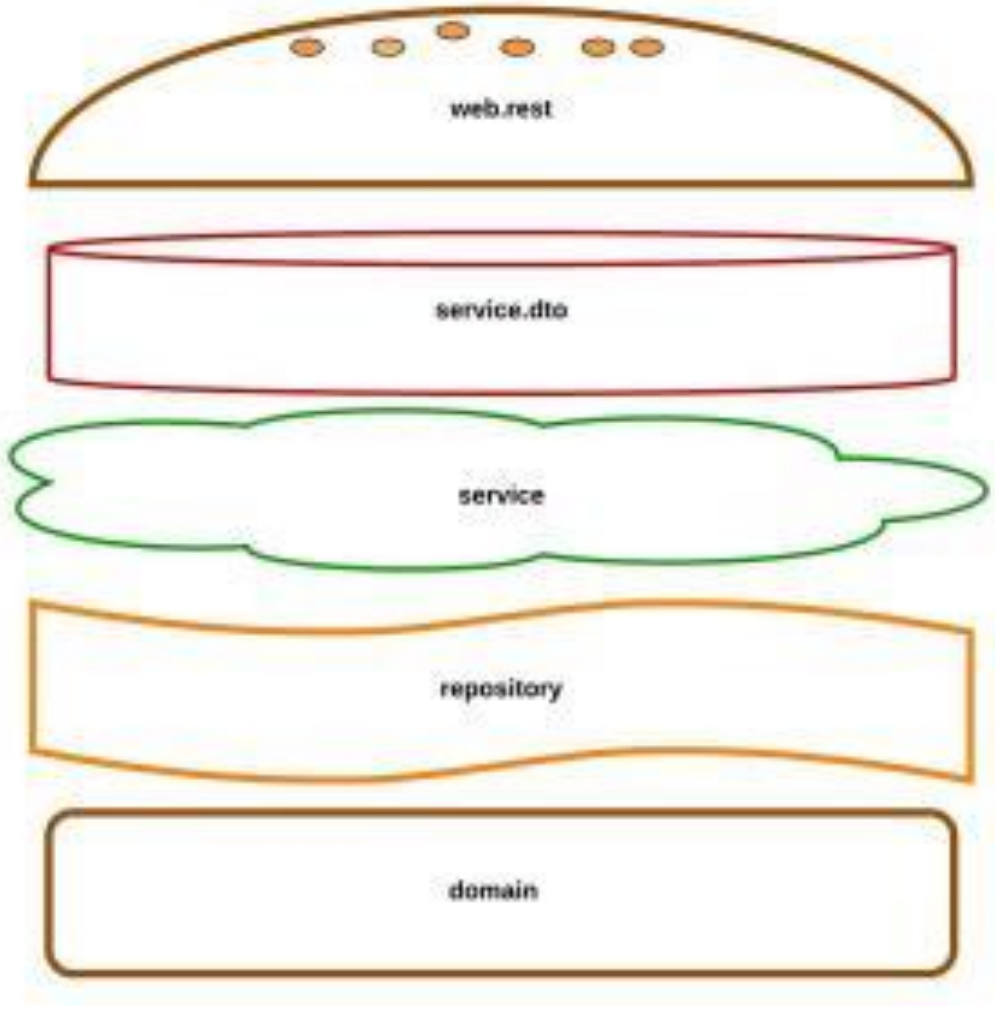
GETCREDENTIALS



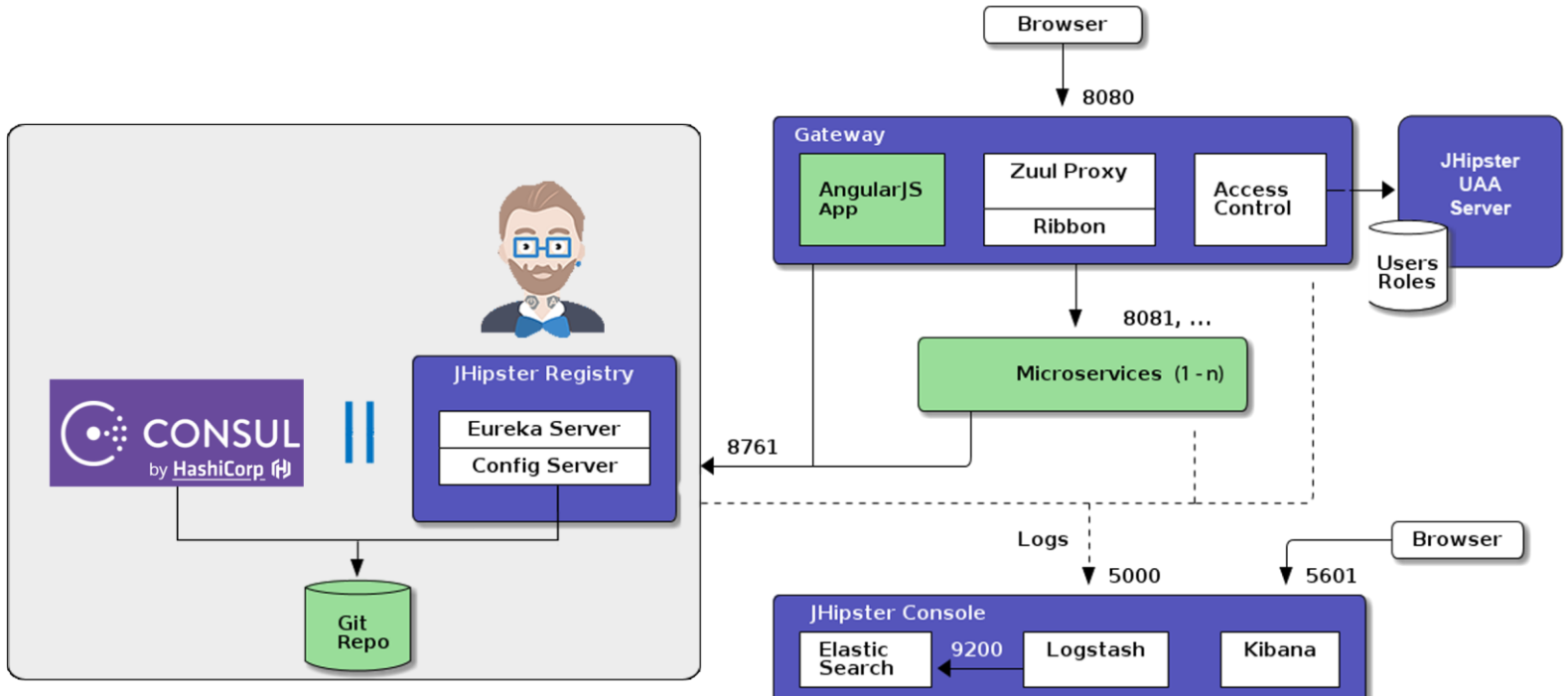
BACKUP

Danke!

SPRING BOOT



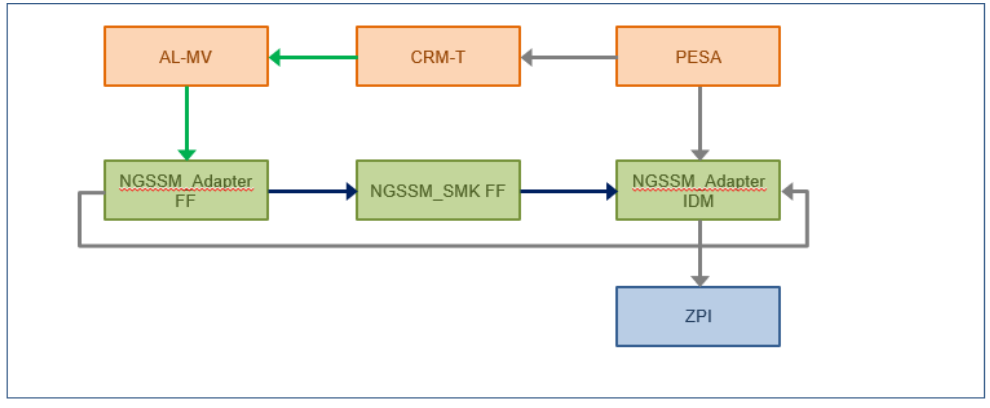
NETFLIX OSS + + docker



elastic + logstash + kibana

NGSSM ADAPTER IDM WITHIN GIGA CONTEXT

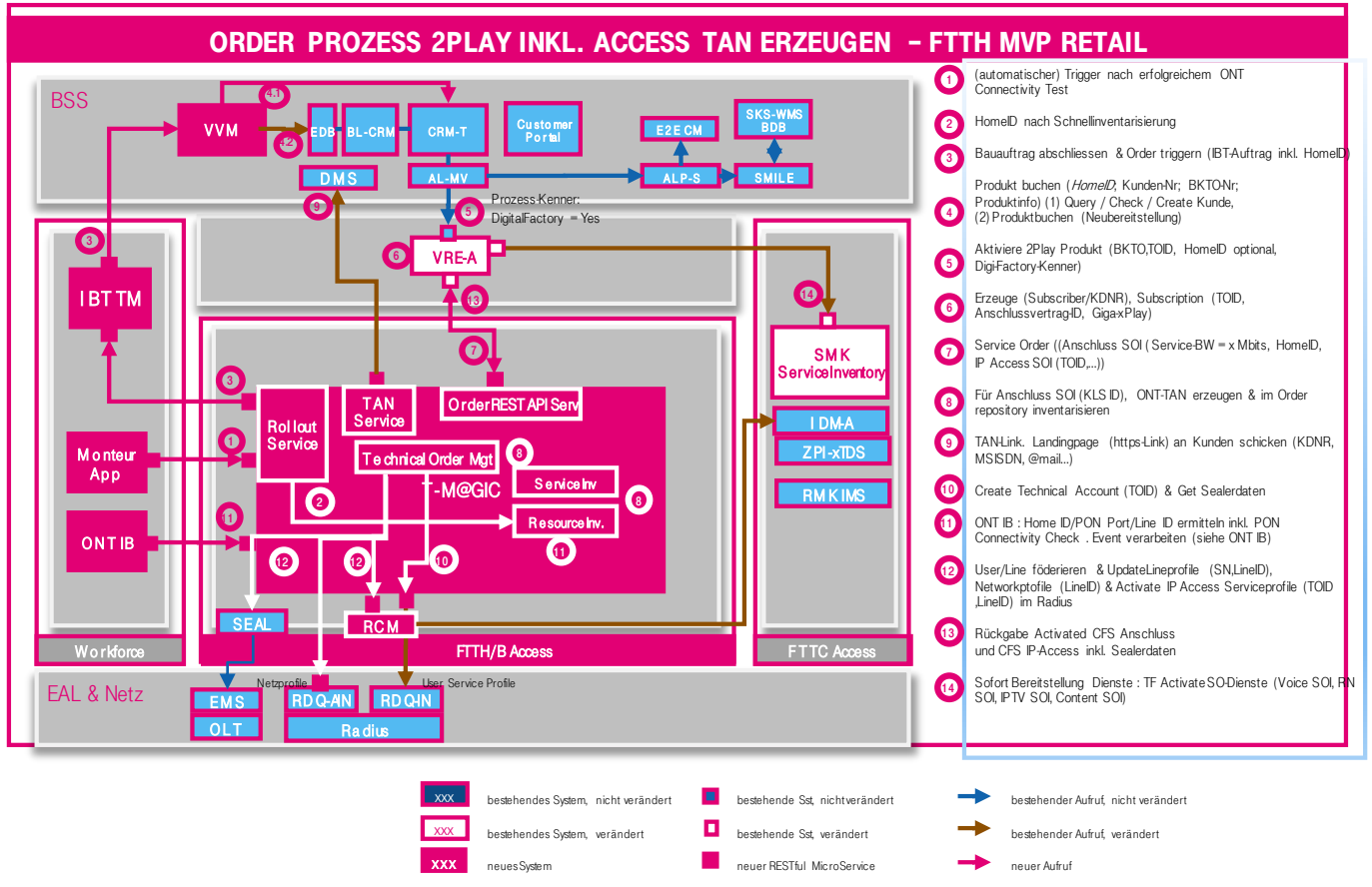
IDM-A works in the same way as in NGSSM fulfillment chain (BNG2a provisioning):



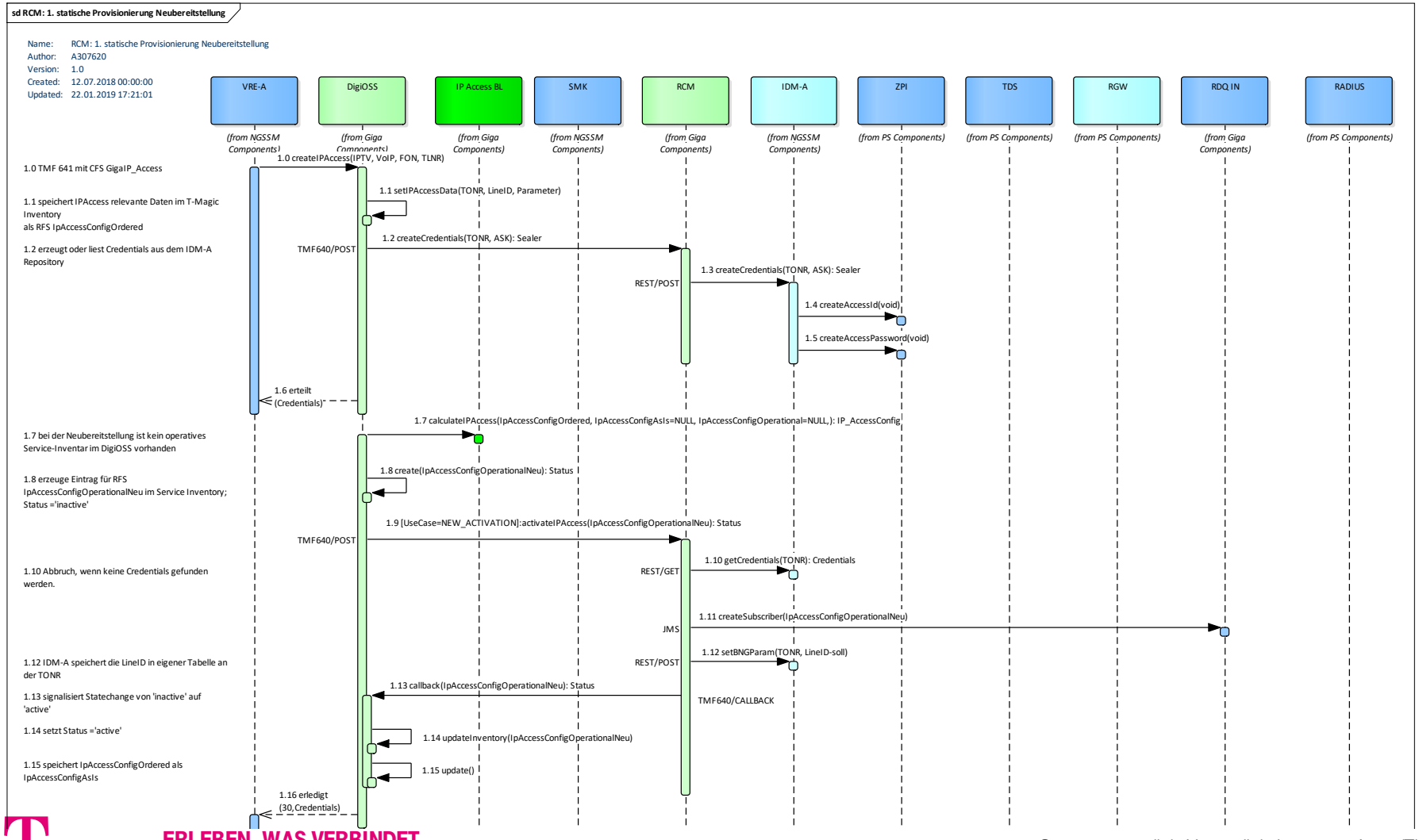
Main enhancements for IDM-A are:

1. Interface to RCM for creation of (access) credentials.
2. Interface to RCM to get BNG parameters

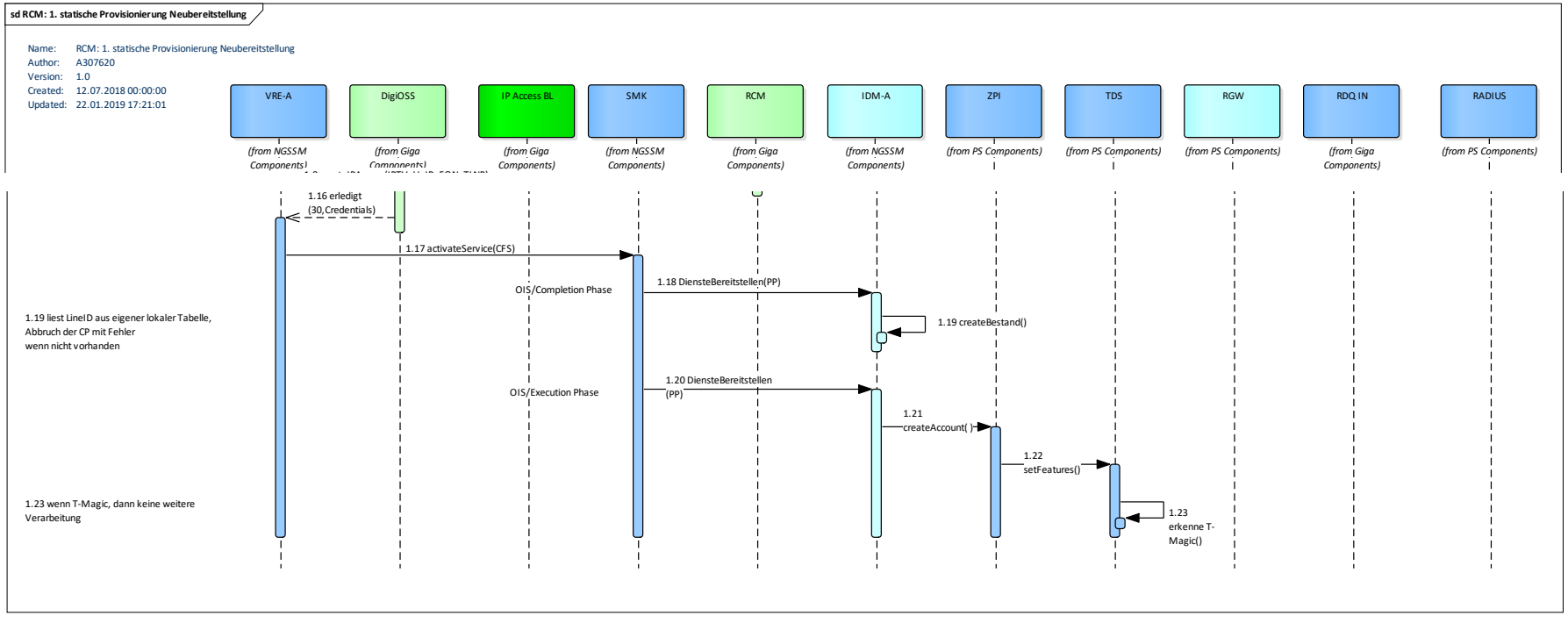
USE CASE – FTTH MVP ORDER RETAIL - NEUBEREITSTELLUNG



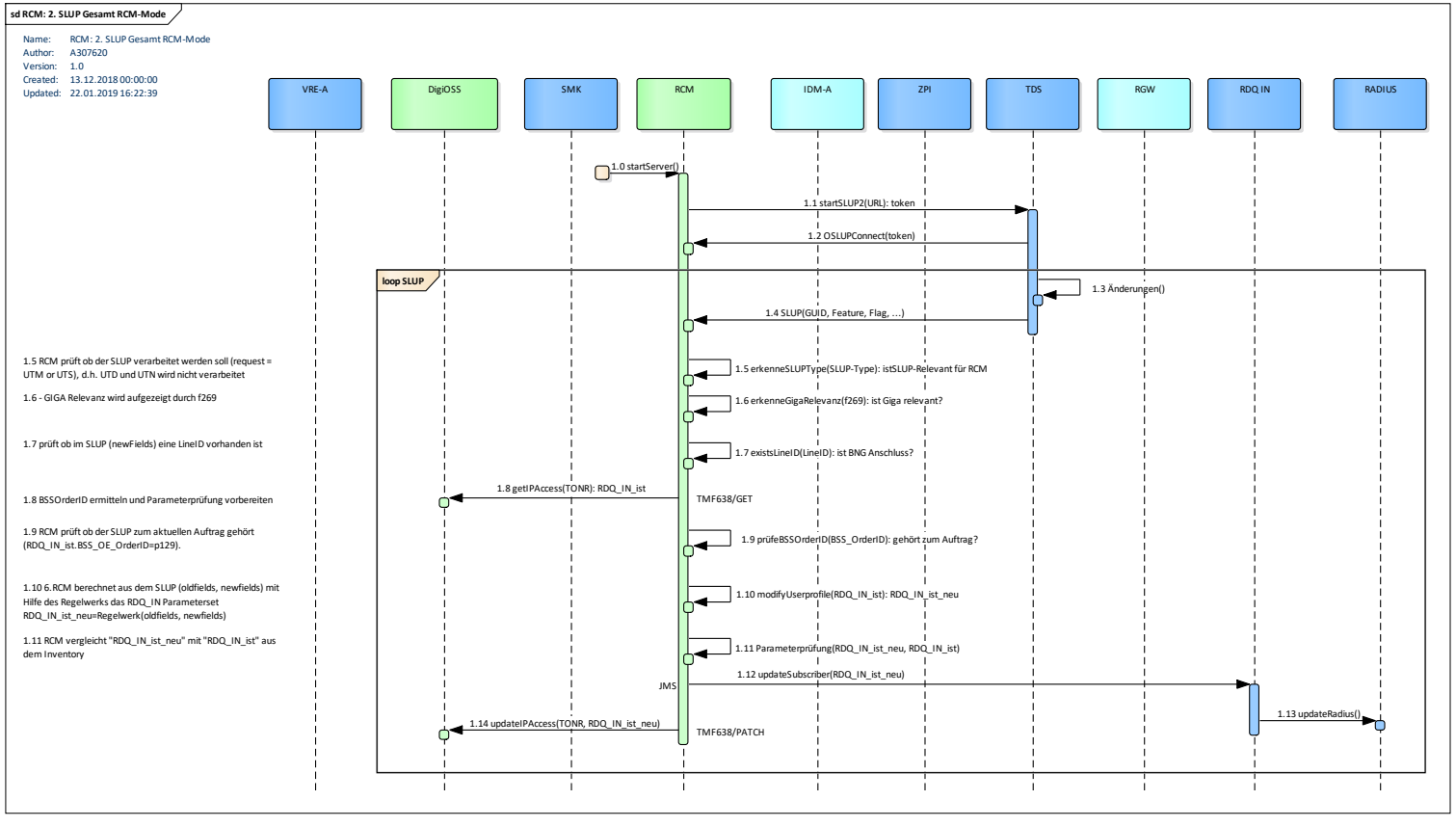
STATISCHE PROVISIONIERUNG NEUBEREITSTELLUNG



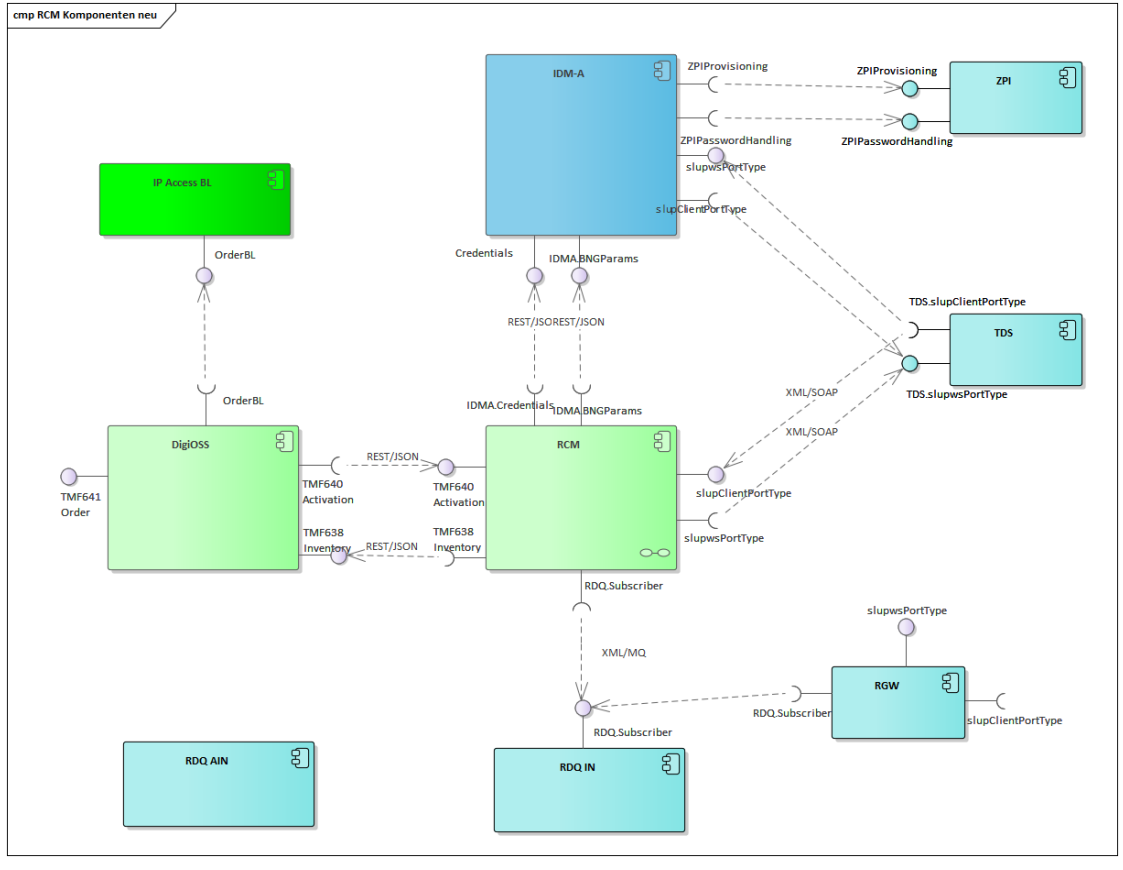
STATISCHE PROVISIONIERUNG NEUBEREITSTELLUNG



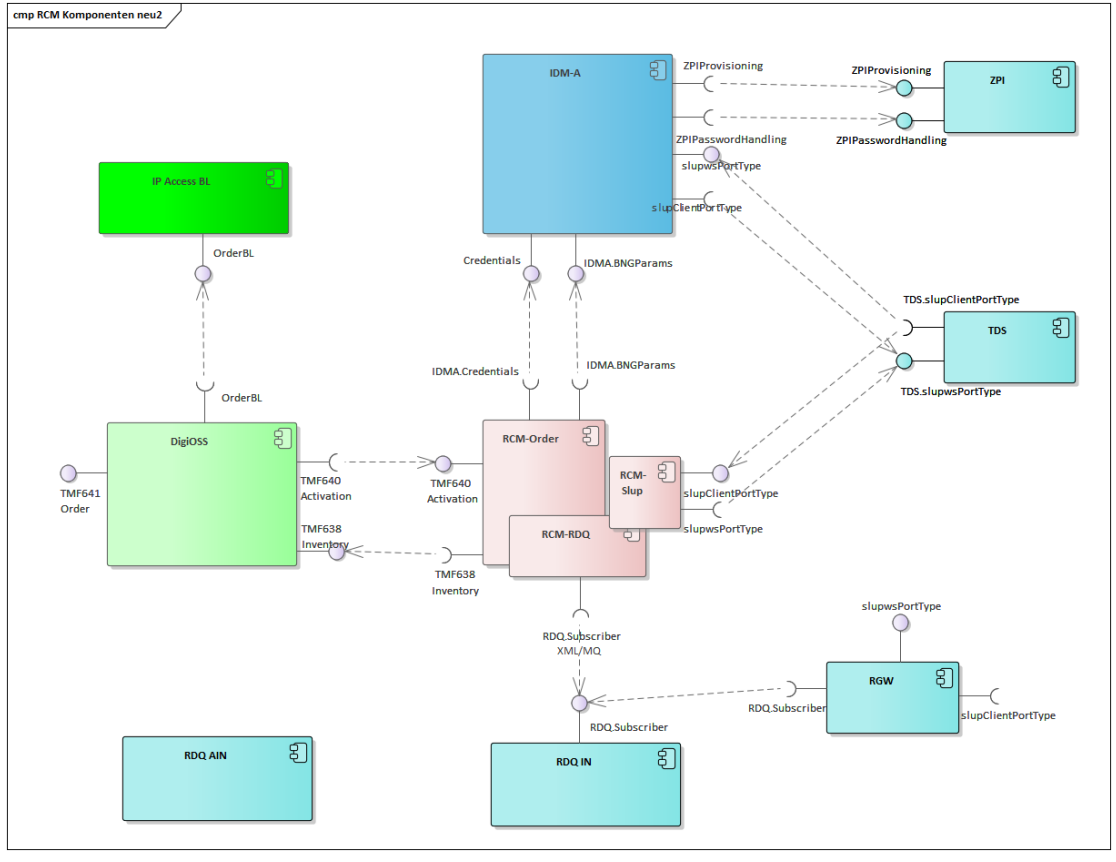
RCM SLUP VERARBEITUNG



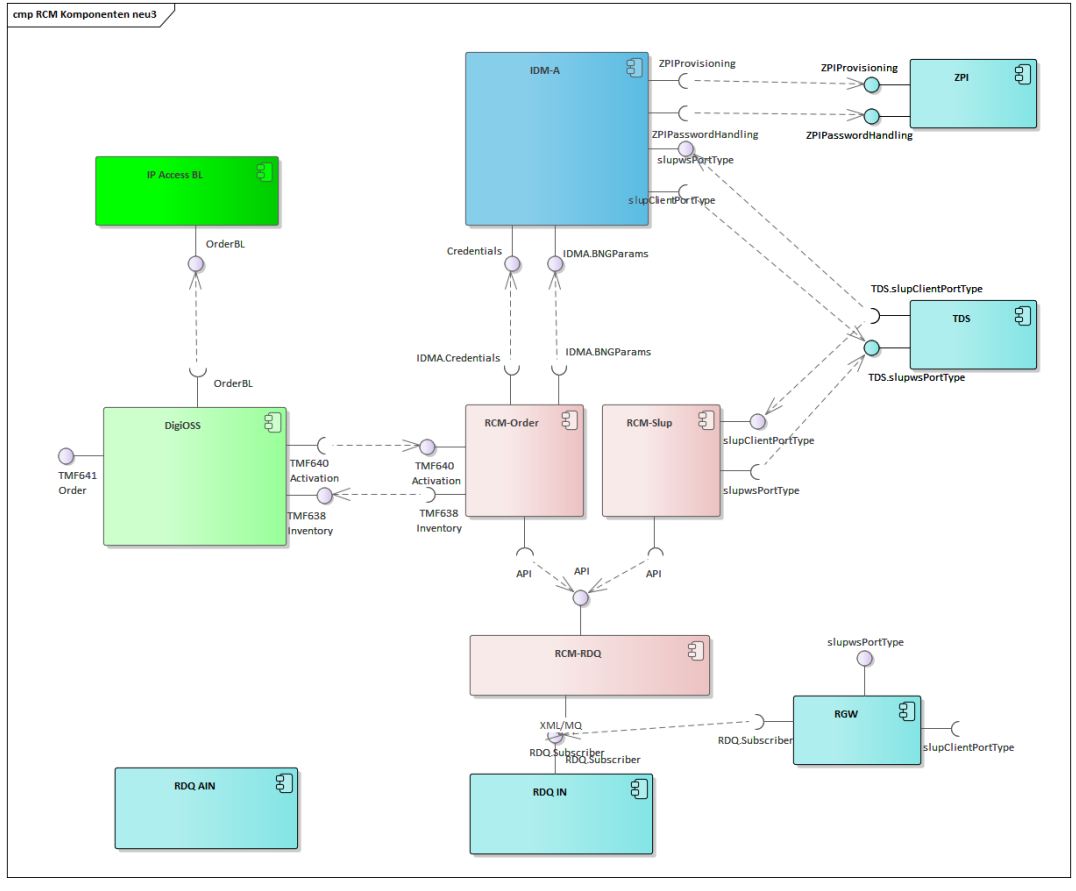
RCM APPLICATION



RCM MICROSERVICE SPLIT I



RCM MICROSERVICE SPLIT II

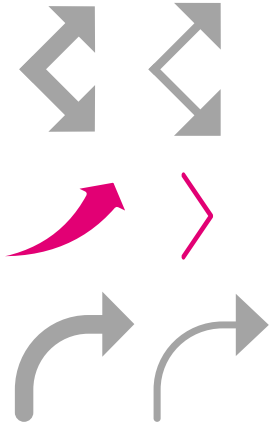


ICONS

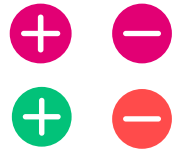
Störer

Todo‘s erledigt

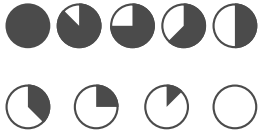
Pfeile



Plus/minus



Harveyballs



Hinweise

Zahlen

Ampelstatus

Kreislauf