



5G Network Lab 3

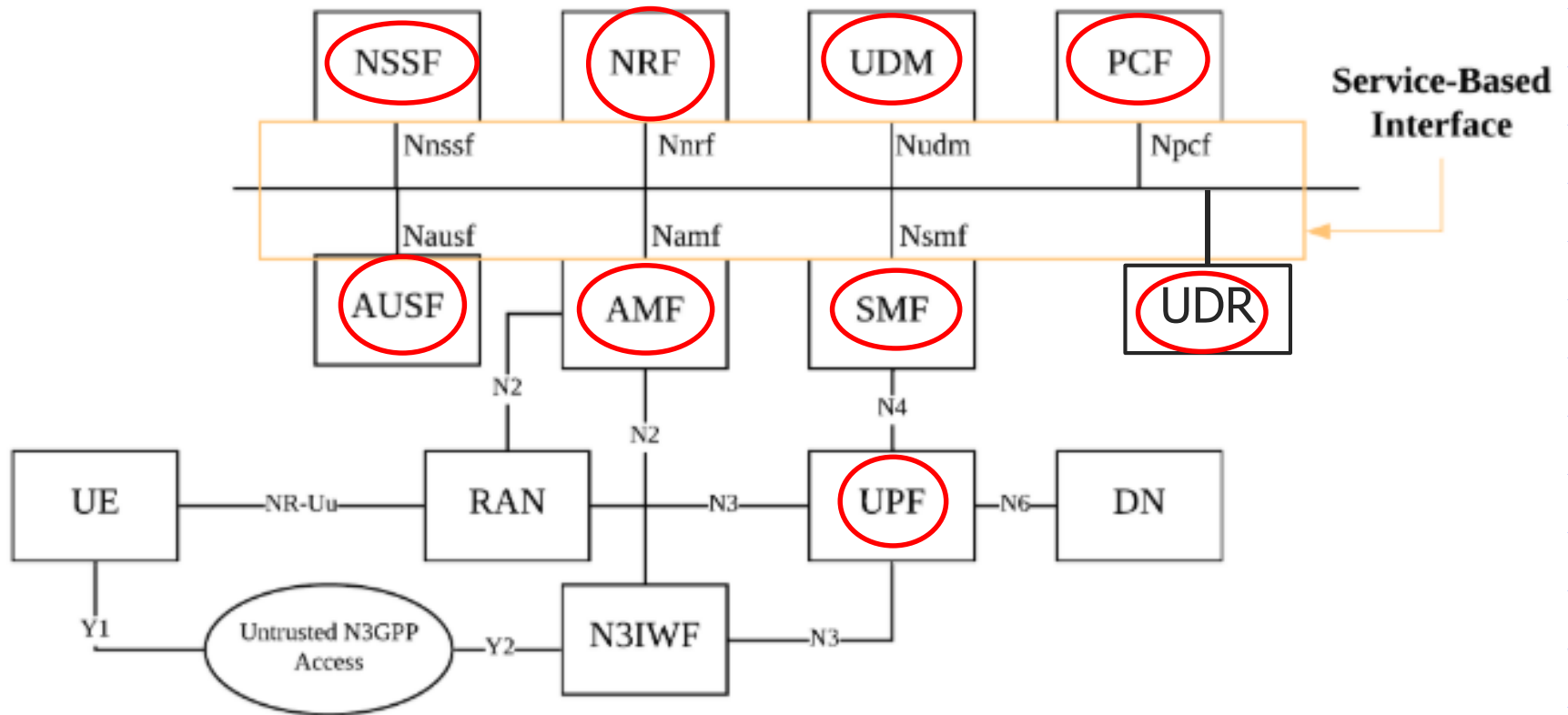
Goal

- ◆ Familiar with Core Network
- ◆ Known 5G components work
- ◆ SBI consumer

Environment Setup

- ◆ In this time, we are going to use free5GC stage 3 to setup our environment
- ◆ You need to put one NF in one container for each. For this Lab, we'll use docker to do it.

5G core network (5GC)



Pre-requirement

- ◆ 4G memory at least
- ◆ Ubuntu 18.04
 - Kernel version 5.0.0-23-generic
- ◆ Go 1.12.9
- ◆ Docker
- ◆ Docker-compose

Docker

- ◆ Docker is an container technique base on linux namespace.
- ◆ It used the concept of container, which is share the kernel of host but use different lib/env.
- ◆ So if there are something is needed in kernel, you must install on host
- ◆ Command
 - `docker build -t <image_name> .`
 - `docker run --rm -it <image_name> /bin/bash`
 - `docker exec -it <container_name> /bin/bash`
 - `docker ps -a`
 - `docker inspect <container_id>`