

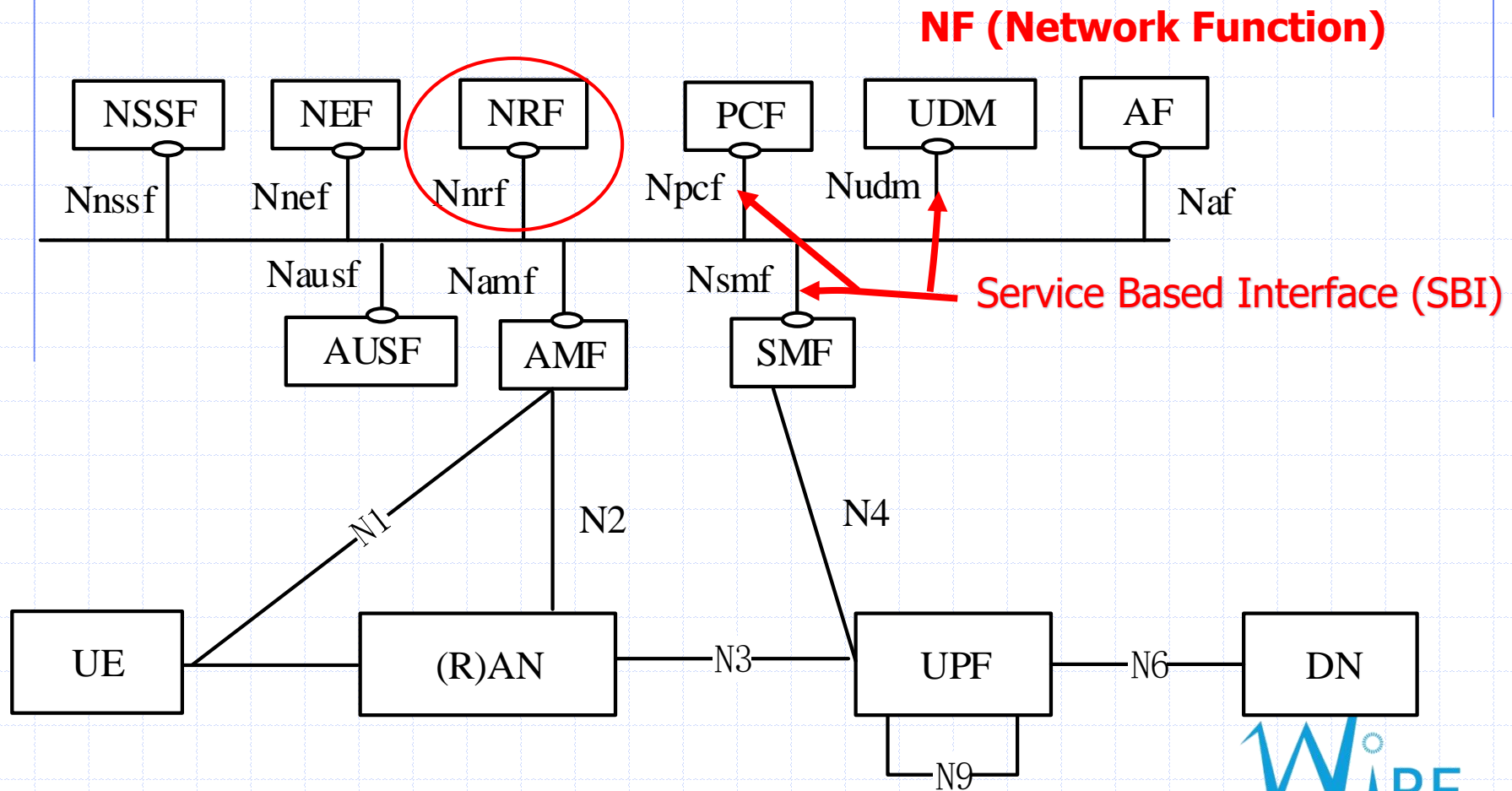


5G Network Lab 2

Goal

- ◆ Handle an SBI message
 - Using OpenAPI Generator
 - Using golang
 - Learn to read 3GPP TS

5G core network (5GC)



What is SBI

- ◆ Service Base Interface
- ◆ Base on http2
 - But in this lab, we just use http for easier
- ◆ Almost all NFs communicate via SBI
 - Only PFCP and NGAP are not based on SBI

What is NRF

- ◆ Network Repository Function
- ◆ Store the information of each NF
- ◆ In 5G, different functions are separate to different NF for handling. NF will not always know where each others are (eg. IP)

Environment Setup

1. Install golang
2. Download 5G SBI yaml file
3. Install Java 8
4. Openapi generate
5. Install Postman or curl