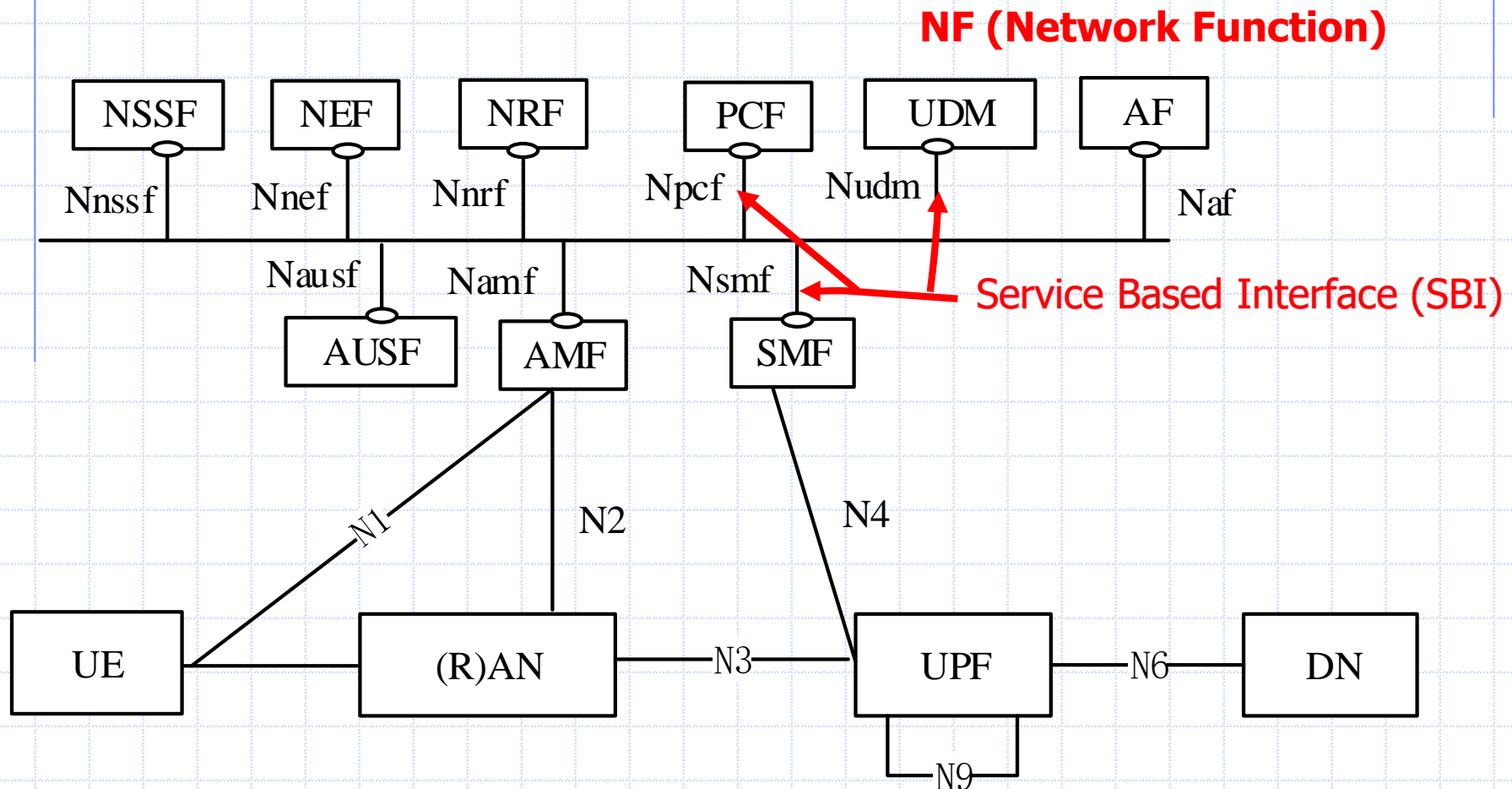


5G Network Lab 1

5G core network (5GC)

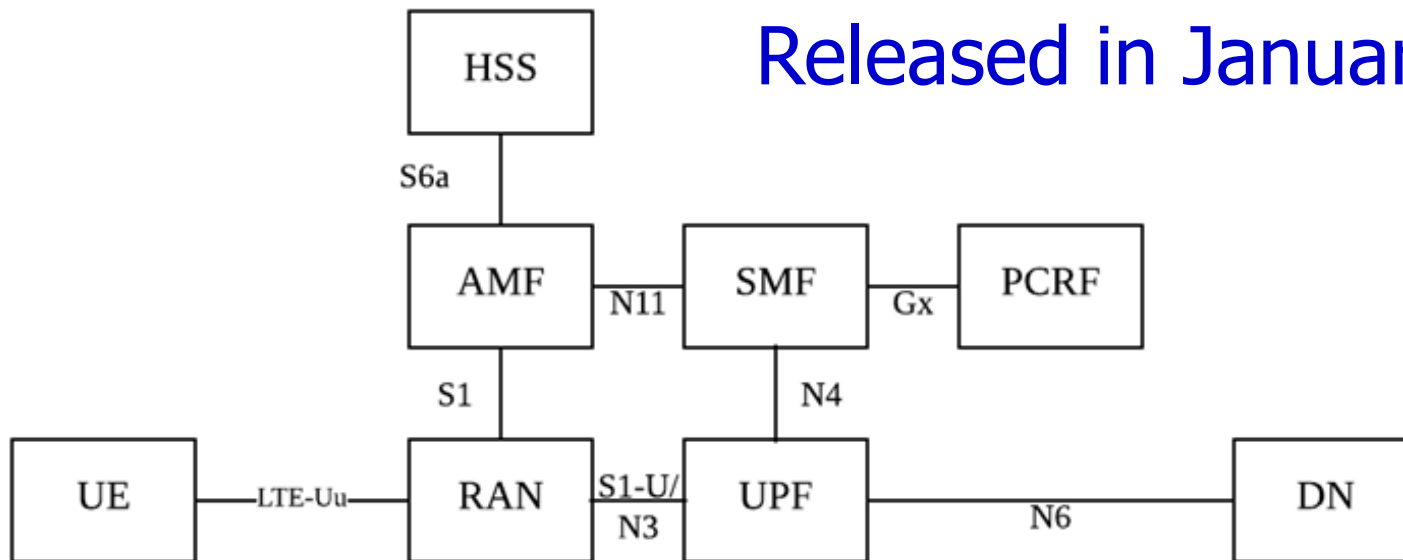


free5GC



Stage 1

- ◆ Migrating 4G Evolved Packet Core (EPC) into 5GC Service-Based Architecture (SBA)



Equipment: Core Network

- ◆ Dell PowerEdge R740xd: Ubuntu 18.04.02, Intel Xeon Gold 6316, 128G RAM, 5840G HDD
- ◆ Any laptop/desk should work if you don't care about performance.
- ◆ For minimum requirements, please refer to:

<https://www.free5gc.org/installation>



Equipment: Base Station (RAN)

- ◆ We have tested five commercial eNBs successfully: WNC, D-Link, GemTek, Foxconn, Nokia Siemens Networks
- ◆ Any eNB/gNB complied with standard interface should work.



WNC OSQ4G-01E2, 3GPP Rel-13 compliance