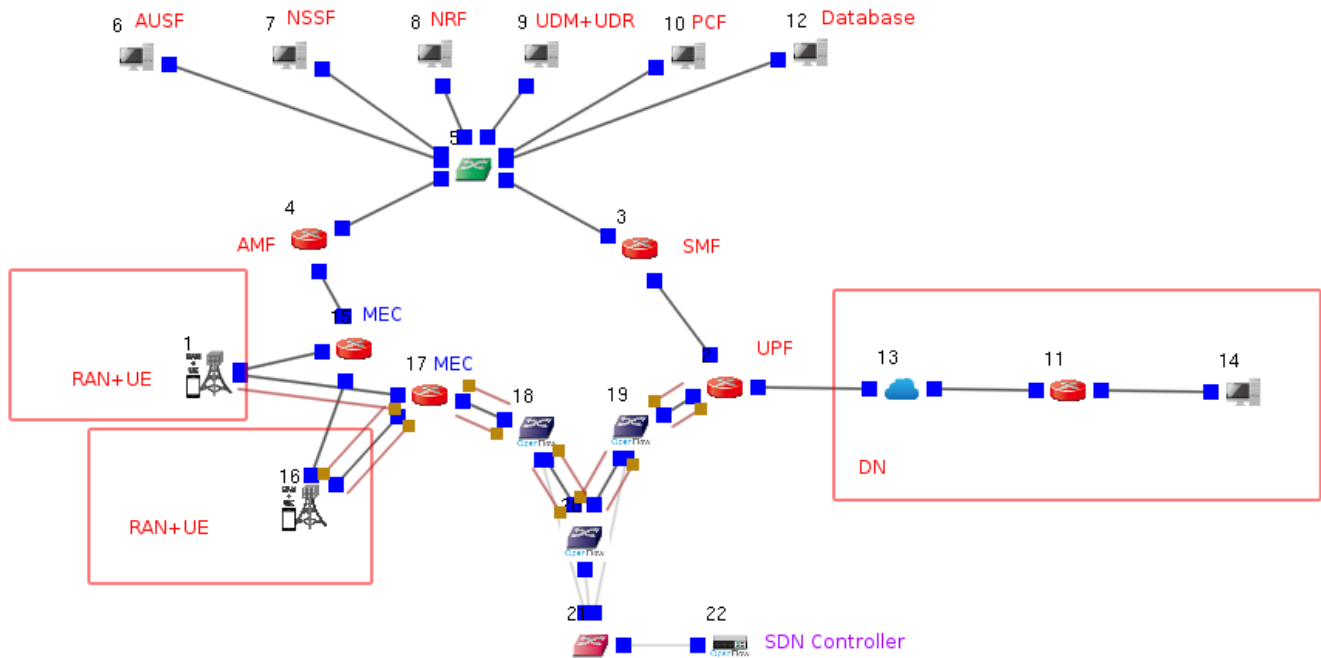


EstiNet 11



5G Network Simulator Platform (Core Network 、 RAN 、 UE)



A Linux Container-based Time Control Simulator Platform

High Realism

- Moving real network containers into simulator platform

Best development and research platform for Internet

- Patented container-based timing control technology
- It can effectively reproduce specific network behavior

Integration for virtual and real network device

- Applications developed on the simulator platform can be run directly on real-world hardware
- The nodes on simulator platform can be connected with real-world equipment flexibly to establish the integration for virtual and real network device

Easy-to-use Intuitive Interface

Windows-like interface, familiar and easy to learn

WYSIWYG for network building

- To add a network device in one step: only click the device icon
- To avoid errors by adjust network topology quickly

Reduce errors

- Automatically start multiple network and software components in sequence
- Reducing the initial setup actions, timing and errors

Visualization of Network Communication

Support Overall of 5G Network Simulation

Integrate Real-world high-quality core network software

- Technical cooperation with the well-known free5GC group of National Chiao Tung University

Provide RAN+UE module to build a completed 5G network

- It can provide a completed 5G researchers' platform on protocol-layer RAN + UE module with core network software

Could be on Cloud System

- Fully software-based cloud computing

Flexible construction of virtual and real network

- Flexibly establish various testbed

Highly Extensible - Beyond Executable Package

Components

Provide a highly scalable simulation environment

- It can be loaded to create a new form of network node: Just make a Docker image with the same Linux Kernel version

Beyond executable package components: only load a new Docker image

- By loading the Docker image, the newly developed network technology can be executed on the simulated network
- It can create new network nodes and simulating new network technologies