



Demo of a ForCES Router

Weiming Wang , wmwang@mail.zjgsu.edu.cn
Chuanhuang Li, chuanhuang_li@pop.zjgsu.edu.cn
Ming Gao, gmyyqno1@pop.zjgsu.edu.cn
Fenggen Jia, jfg@mail.ndsc.com.cn
Ligang Dong, donglg@mail.zjgsu.edu.cn
Bin Zhuge, zhugebin@mail.zjgsu.edu.cn

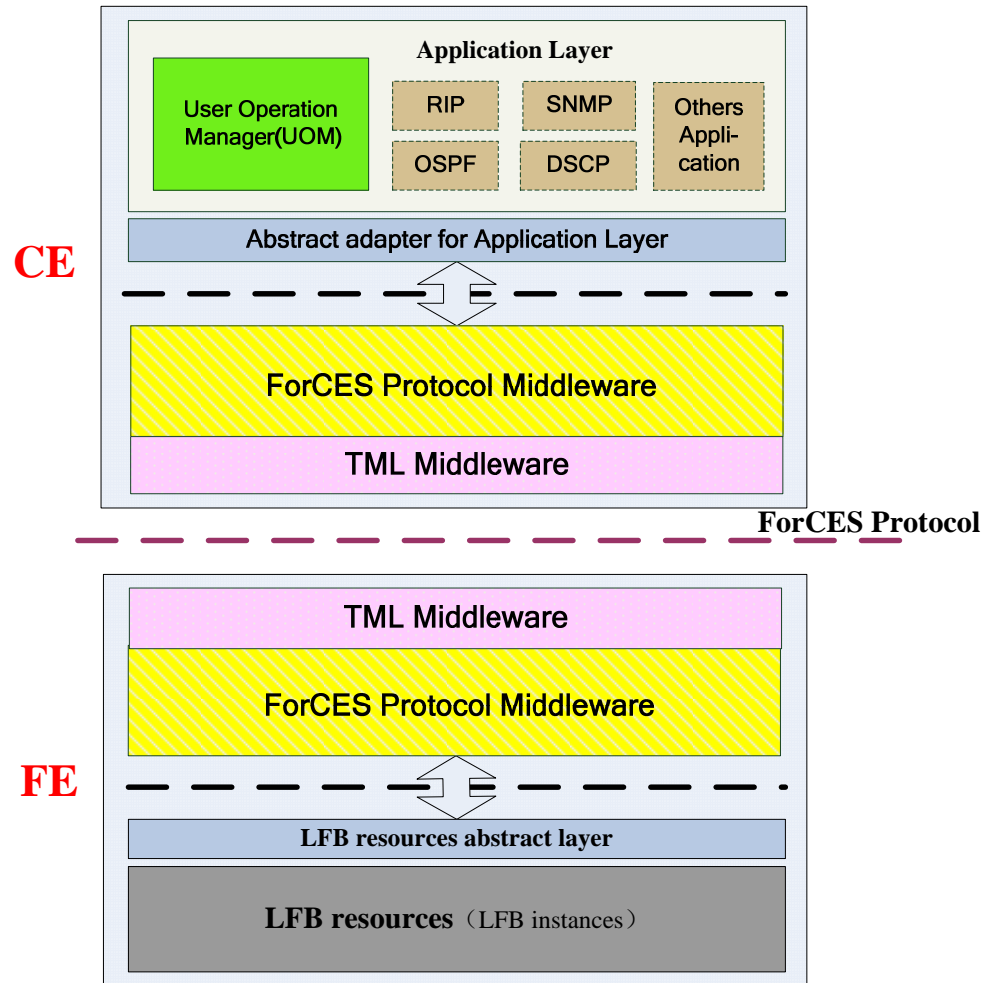
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ForCES Router Architecture



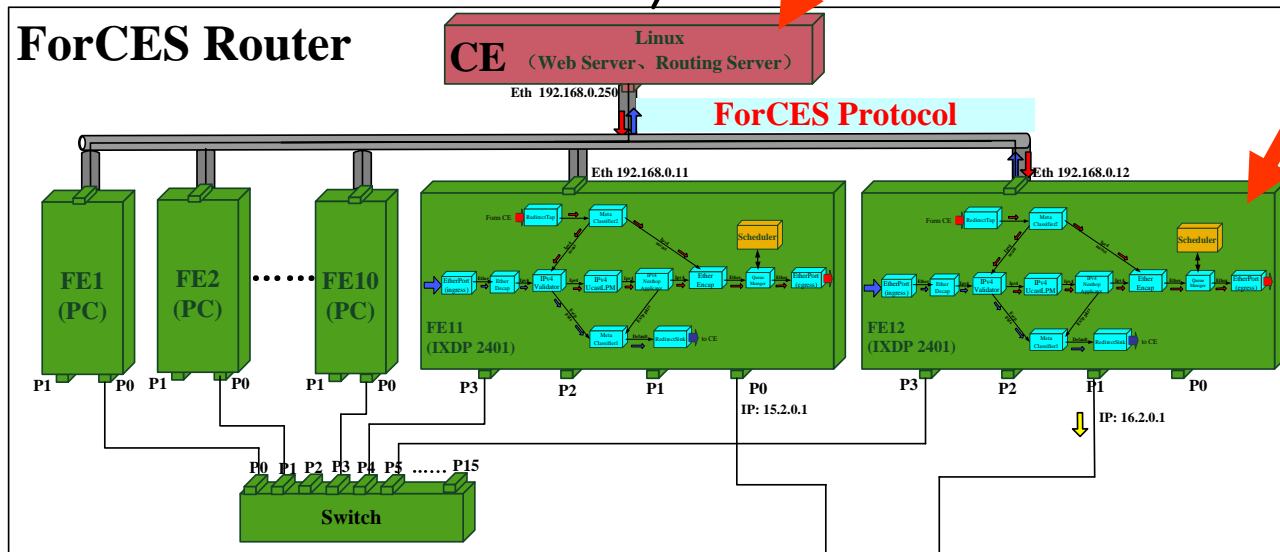
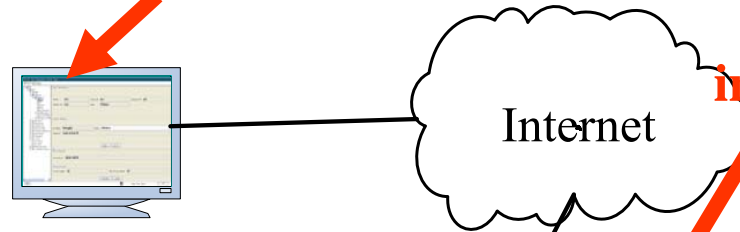


UOM client, this computer

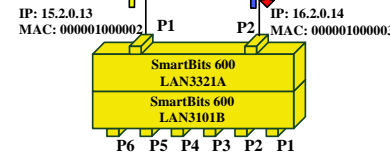
CE, with UoM server inside

remote part, in the university lab in China

FE



- ➡ Routing protocol(RIP\OSPF) packets from SmartBits
- ➡ Routing protocol(RIP\OSPF) packets from ForTER
- ➡ IP packets for test from SmartBits



UOM Graphic Interface Overview 1

- LFB based resources tree

The screenshot displays the UOM Graphic Interface with the following components:

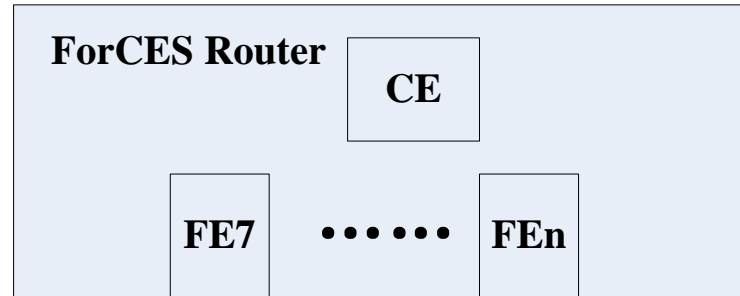
- Menu Bar:** Action View Management System Help
- LFB Tree (Left Panel):** A hierarchical tree structure under 'FE_7 Topo'. The tree includes folders like FEPO, FEObject, FEID, FEVendor, FEModel, FEStatusValues, FENeighbors, ModifiableLFBTo, SupportedLFB, EtherPort, EtherDecap, IPv4Validator, IPv4UcastLPM, IPv4NextHopApplica, EtherEncap, Scheduler, Queue, RedirectSink, RedirectTap, MetaClassifier, and ForwdPortCollate. A red circle highlights the 'FEName' folder.
- Basic Information Panel:** Contains fields for FE ID (0x7), Class ID (0x1), Instance ID (0x1), Element ID (0x3), and Name (FEName).
- General Elements Panel:** Contains fields for Datatype (String[N]), Value (IXP2401a), and Synopsis (name of this FE). A red circle highlights this section with the text 'Component Operation area'.
- Basic Property Panel:** Contains a field for Accessibility (READ_WRITE).
- String Property Panel:** Contains fields for String Length (40) and Max String Length (40).
- Buttons:** 'Apply', 'Cancel', 'Configure', and 'cannel' (sic) are located at the bottom of the configuration panels.
- System Bar (Bottom):** Shows 'Super User:admin' and '0%'.

FE tree Display area

Component Operation area

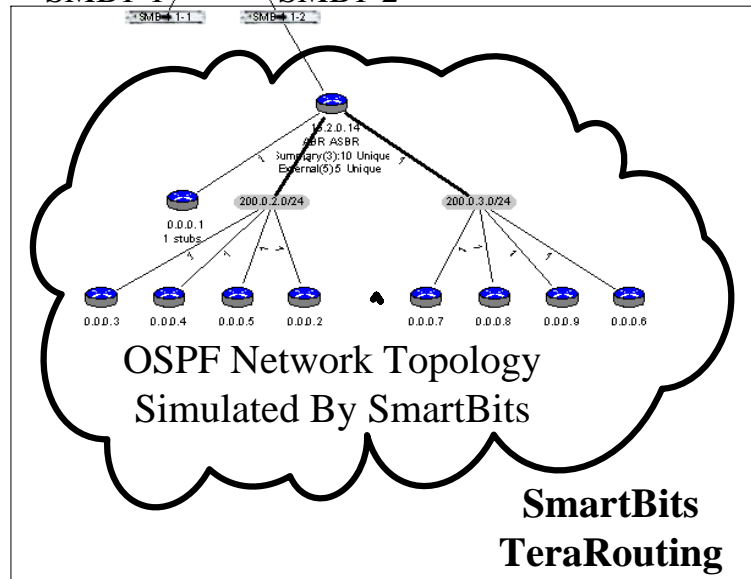


Running OSPF Test



17.7.0.1
17.7.0.14

SMB1-1 SMB1-2



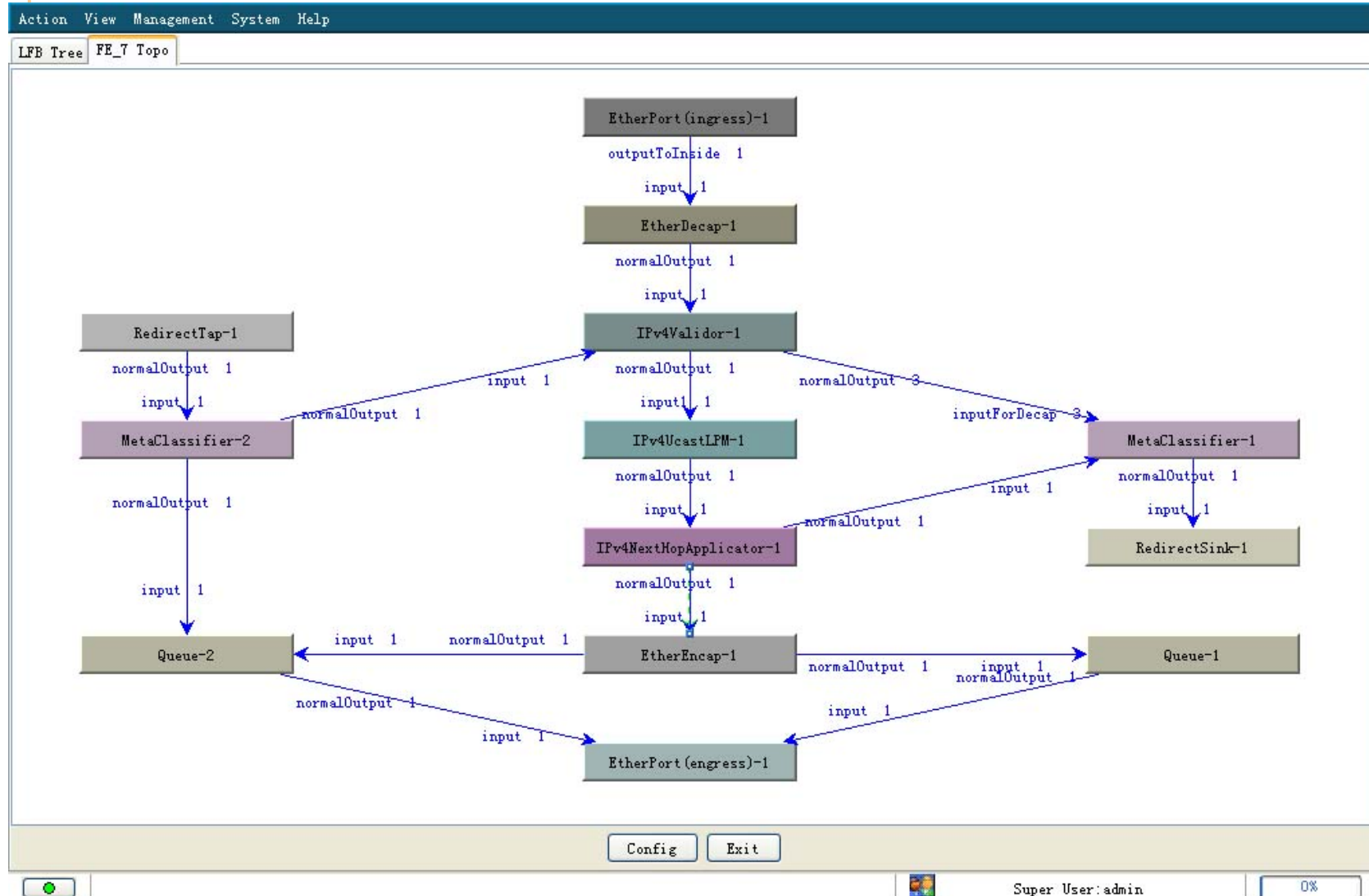
generate the
routing entries:

200.xxx.xxx.xxx



UOM Graphic Interface Overview 2

- LFB topology display and management



小程序已启动。

Super User: admin

0%



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Thanks!