

Nanyang Technological University



Network Technology Research Centre

itsuity barn and its impost on 955 in IP based VFN

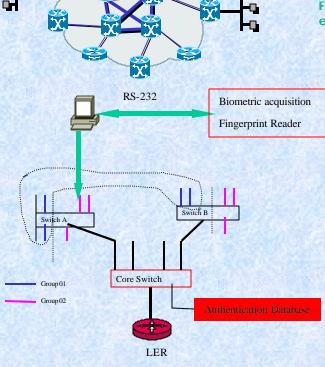
Area of technology

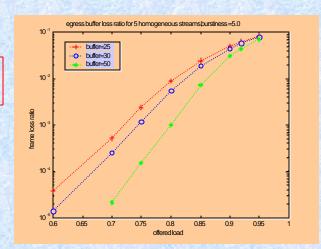
Network security in VPN and VLAN, MPLS for IP based VPN

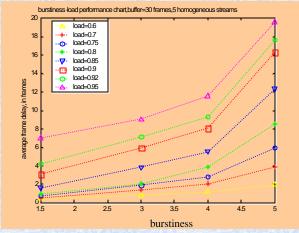
Innovative features:

- Biometric-based access control
- QoS enhancement in VLAN
- Scalable VLAN architecture

Modelling and Performance Analysis: Frame loss and average frame delay at LAN switch egress buffer







Competitive advantages:

- Provide traffic engineering capability for VLAN and VPN implementation;
- MPLS scalable VLAN for VPN service level agreement(SLA);
- Integration of VLAN and VPN with QoS guarabtee
- Reduce of unnecessary inter-subnet routing in VLAN:

Investigators: Assoc. Prof. Zhang Liren, Phone: 7904508, Email: elzhang@ntu.edu.sg

MEng Student: Lin Li