Annual NOC Meeting 2017

Lanka Education and Research Network

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Network Administrator

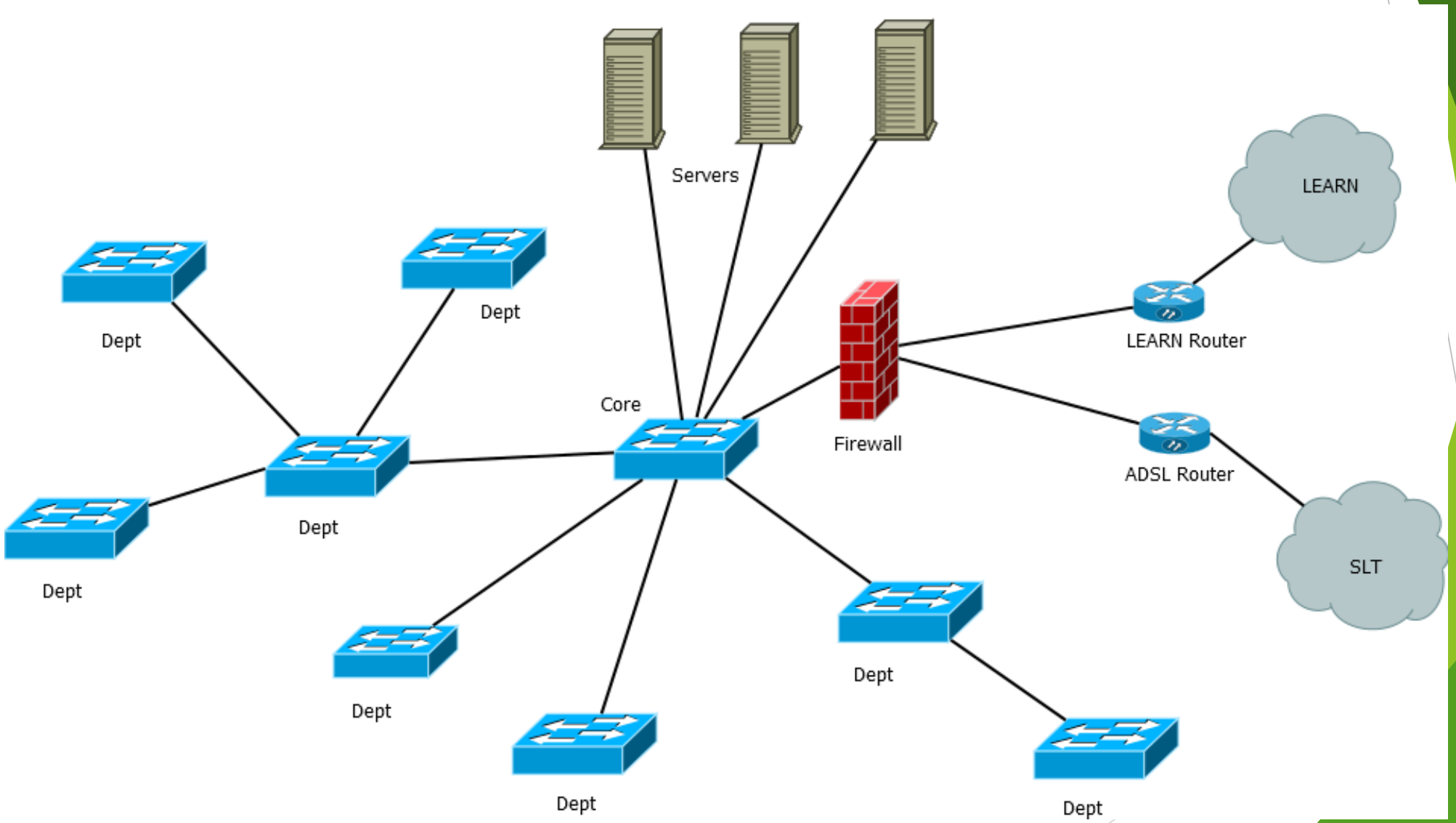
National Engineering Research and Development Centre

Network Status

- **Connections**
- LEARN link 15mbps
- SLT ADSL connection (Backup connection)

- Servers (WEB, File, Email, Accounting)
- Over 200 network users
- 8 + Wi-Fi areas
- All departments are connected via Fiber network

Network topology



Network Services

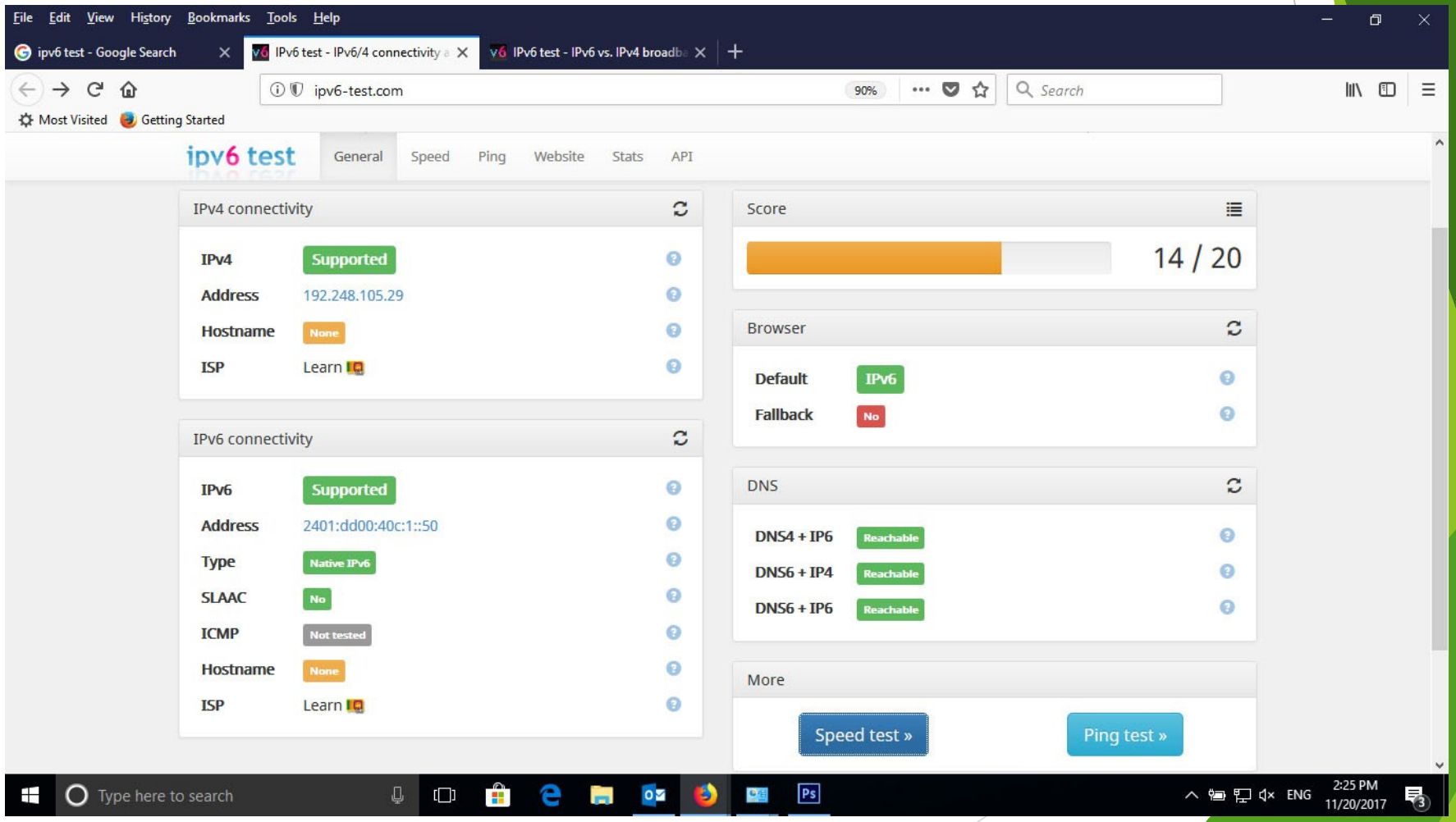
- Managing the Servers
- Maintaining and update the web site
- Email
- Design and manage the intranet call NERDNET
- Wi-Fi facility management
- CCTV camera monitoring & manage
- Monitoring the network

Successful operations

- Upgrade the LEARN link from 5mbps to 15 mbps
- Update the LAN network to gigabit network
- Provide IPV6 facility to some of the end users
- Upgrade the 10 years old mail server
- Upgrade the firewall with latest security features
  (Watch Guard Firebox M200)

IPV6

- Provide ipv6 facilities to the end users



ipv6 test | General | Speed | Ping | Website | Stats | API

Please select a test server

Sri Lanka - Colombo

Colombo, University of Kelaniya (~ 82 km)

Test again

Do you want to help us by running a test server in your area ?
If you think you can, please contact us !

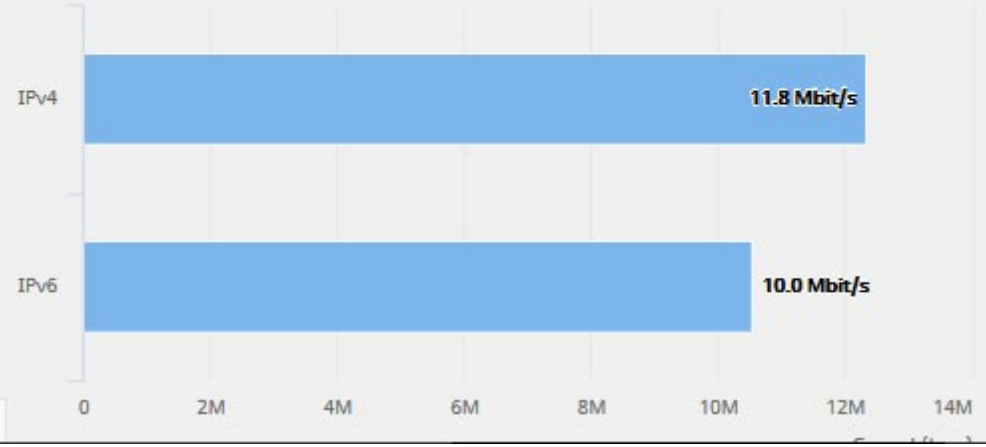
IPv4 speed

Address	192.248.105.29
ISP	Learn
Speed	**11.8 Mbit/s**

IPv6 speed

Address	2401:dd00:40c:1::50
ISP	Learn
Speed	**10.0 Mbit/s**

Your speed test results



Share your results

dtest/#null

Future Plans

- Increase the no of WAPs to cover the whole NERDC premises.
- Increase the no of manageable switches to manage the network more efficiently.
- Provide IPv6 facility to everyone in the network.
- Deploy Eduroam facility in the premises.
- Upgrade the bandwidth to meet the future requirements.

THANK YOU