



Campus LAN status report Annual NOC Meeting - 2017

Wayamba University of Sri Lanka

WD Samanwickrama
Systems Engineer
Makandura

Athula Bogod
Systems Engineer
Kuliyapitiya

Network	Description	Present	Future
WiFi	40 access points in each premises	Two controllers	increase the coverage with virtual controller
	Autentication	MAC filtering and Radius	
	Eduroam	Radius authentication as been implemented using windows based system	It will be connected with eduroam in 2018
Wired	1500 outlets in each premises		

Network	Description	Present	Future
switches	Core	cisco 3550/3560	upgrade to 45XX supervisor engine with 10GB
	Distribution	cisco 2950/2960	
	Access	linksys/hp/cisco	
uplink	uplink between switches at distribution layer	1GB	10GB, all new buildings connect with 10GB uplink to the core layer and some implementations already completed

Network	Description	Present	Future
IPV6		Partially completed	complete on February 2018
Servers	Web, Proxy, DNS, LMS, DHCP, FILE, Radius, VOIP, e-portfolio	Windows/ Linux with VMWare in a small server room	Proposals submitted for datacenter
Security	Network security and PC security	Monitoring done through Nagios server and random packet capturing and log analysis. kaspersky antivirus is used at client machines	Plan to purchase a firewall for both premises

Thank You!