KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

Security policies: -

- ➢ The default deny rule is built into Sophos XG firewall
- ➢ Specific traffic (Http, Https, icmp, dns & Rdp) are only allowed in Firewall.
- ➢ Sophos Firewall is configured to update the latest definition patterns automatically.
- ➢ HTTPS decryption is enabled for the computers querying DNS service.
- ➢ Intrusion prevention is enabled for student group, staff group and in web server and DNS server.
- ➢ Our firewall is always updated with latest patches and firmware.
- ➢ We are monitoring all the traffic entering computer Network.
- ➢ Our campus Network is segmented into secured VLAN & connected through core switch.

Web & Application filter policies: -

- ➢ Youtube sites are blocked for students account in the campus except the systems in library.
- ➢ Facebook is blocked for student & staff throughout the campus.
- ➢ Torrent, proxy, sex explicit, spyware malware sites, games, entertainment, ads, gambling, hacking, nudity, VPN sites are blocked for staff & student group.

Bandwidth policies: -

1. Upto20Mbps bandwidth can be used for internet access (both for the staff & student accounts).
2. Upto20 Mbps bandwidth can be used for video conferencing.

Account policies: -

➢ Using single sign-in user account, access to internet, logging-in into windows & Linux machines is enabled throughout the campus.
➢ High level of Password complexity is maintained for each user account.
➢ Each staff account is provided with an individual storage of 5 GB and each student account with 1 GB which can be accessed from any system in the campus.
➢ Every faculty and student are provided with an official mail (OFFICE 365), and it is made mandatory to send official communication only through this mail.
➢ Cloud space of 1 TB is provided to the staff account through ONE DRIVE application in office 365.
➢ Two concurrent login sessions for staff and single login for students are for internet authentication through Sophos firewall.

Thank you,

Yours faithfully

Balasubramanian.s
System Administrator