To: CCDC
From: Team 14
Subject: Preserve Network Integrity in Peak Loads

What's the Problem?
  During High Network trafic important protocols like SNMP, SSH, TELNET, ICMP, and routing protocols could slow down or fail. This could make troubleshooting and managing the network difficult.

The Solution
We recommend implementing Quality of Service on the network devices to prioritize these critical protocols. QoS ensures that these tools always get bandwidth first even during times of heavy network traffic.

Step 1: Identify the Critical Traffic
Focus on these protocols:
SNMP: For network monitoring.
SSH: For secure remote management.
TELNET: For remote management on legacy systems.
ICMP: For troubleshooting tools like ping and traceroute.
Routing Protocols: To maintain proper routing.

Step 2: Configure QoS on Network Devices

Step 3: Test and Monitor