**Computer Network**

**Project Proposal**

BSCS (5A)

**Group Members:**

P19-0045 Muhammad Affan

P19-0033 Muhammad Istafa Malik

P19-0077 Rana Rehan Qaisar

We are implementing WAN (Wide Area Network) in cisco packet tracer. In our project we will be connecting three countries with each other by using routers, also we have **gmail.com, facebook.com, FTP (File Transfer Protocol), DNS (Domain Name Server), TFTP (Trivial File Transfer Protocol), NTP (Network Time Protocol)**, and **a System Log server**.

**WAN (Wide Area Network):**

A wide area network (sometimes referred to as WAN) is a huge network of computers that is not connected to a single place. Through a WAN provider, WANs can permit communication, information sharing, and much more between devices all over the world.

Because the internet is the world's largest WAN, WANs are critical for multinational businesses, but they are also necessary for everyday use. Continue reading to learn more about WANs, their applications, how they differ from other networks, and their general purpose for organizations and individuals. For international organizations, WANs allow them to carry out their essential daily functions without delay. Employees from anywhere can use a business’s WAN to share data, communicate with coworkers or simply stay connected to the greater data resource center for that organization. [Certified network professionals](https://www.comptia.org/certifications/network) help organizations maintain their internal wide area network, as well as other critical IT infrastructure.