TCP/IP Model

(Transmission controol protocol / internet protocol)

( Bilingual – Song ngữ )

( Applications layer )

I.Introduct:

The applications player is the topmost layer in the TCP/IP model

It combines the functionality of the top 3 OSI Layer: Applications, Presentation, and Sessions

2.Concept:

1. Provide interface for user and application:

It is where software applicaitons (Web browser, email, game) coonect to the network

2.Manage applications protocol:

Define how data is formatted transmitted, and received between program

Example: HTTP defines how browser and website server exchange information

3.Support dirverse network services:

Web browsing, email, file transfer, domain name, resolution, video calls, etc ...

Typical protocol:

HTTP/HTTPS -> web browsing

SMTP,POP3,IMAP -> email

FTP, TFTP -> file transfer

DNS -> domain name resolution

SSH, TELNET -> remote access