



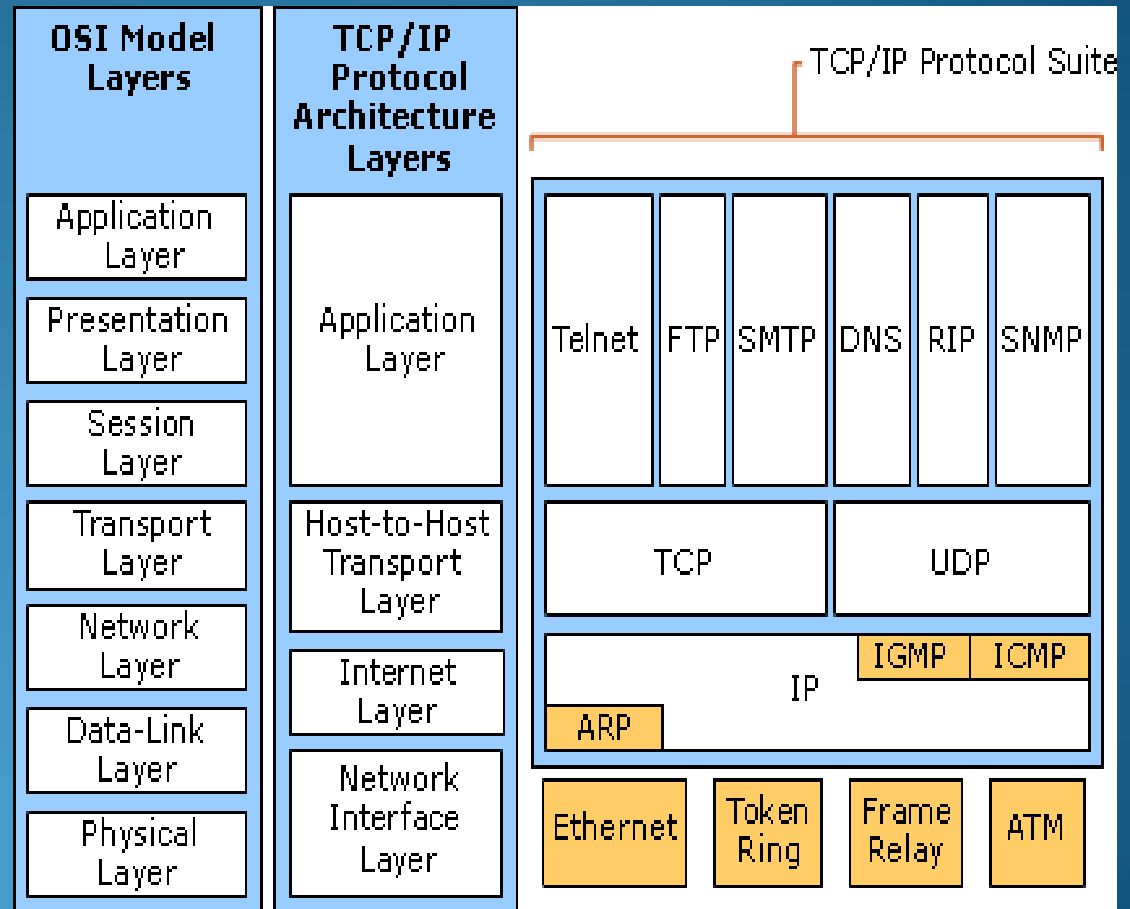
*Institute of Information and
Communication Technologies*

INVESTIGATION OF CYBER THREATS IN PROTOCOLS USED FOR COMMUNICATION – MULTIMEDIA SHARING – WiDi

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Protocols and addressing

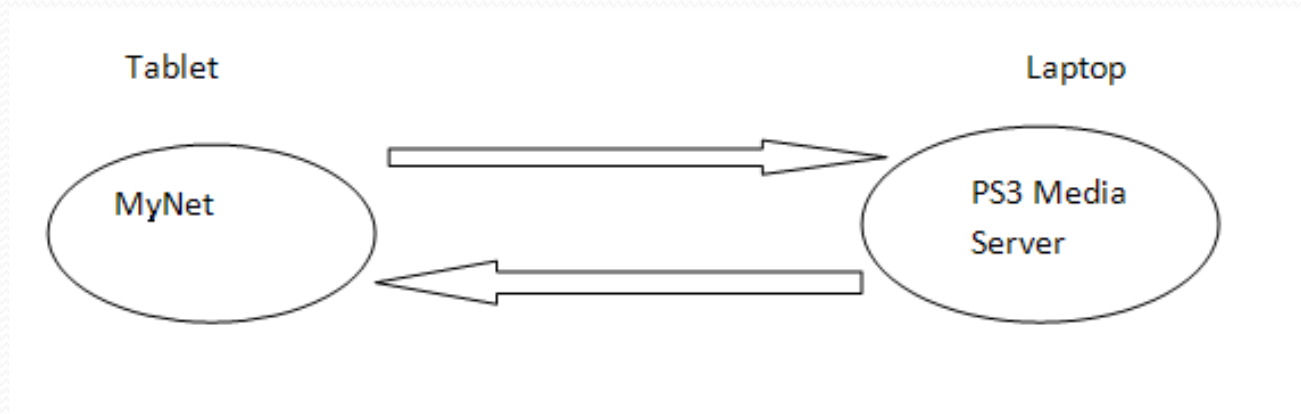
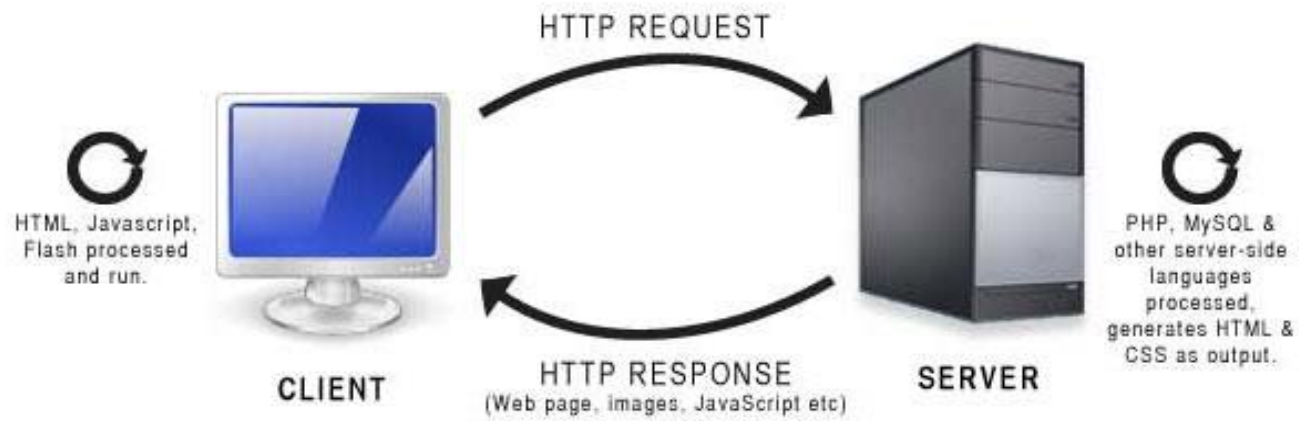


Applications and Protocols

Port	Protocol	Application
80	TCP	HTTP
21	TCP/UDP	FTP
23	TCP/UDP	Telnet
25	TCP/UDP	SMTP
5001	TCP/UDP	DLNA

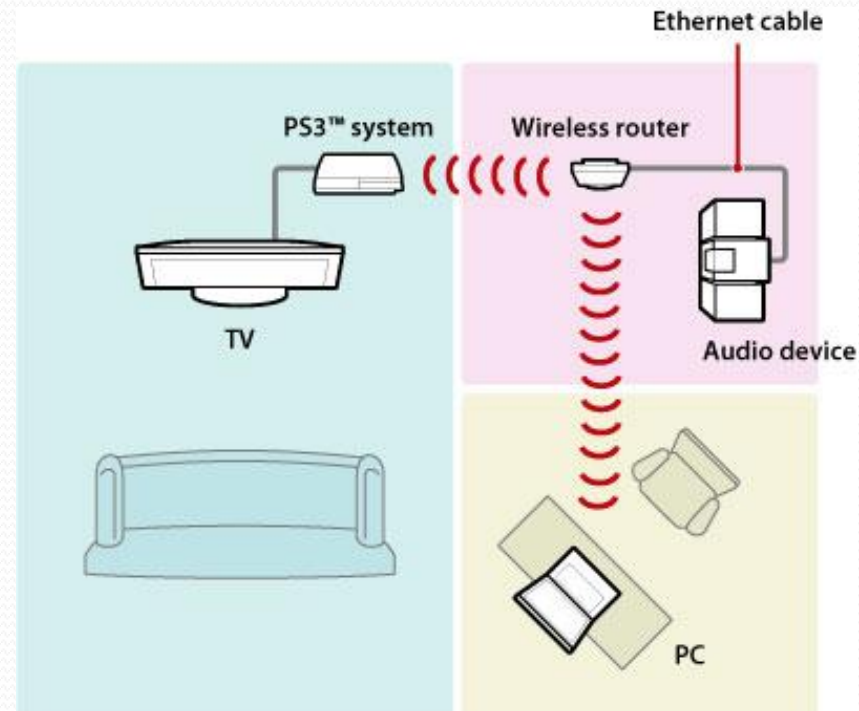
The stack consists of protocols for dividing with regard to reliability and rapidity.

- Transmission Control Protocol (TCP) - connection-oriented protocol
- User Datagram Protocol (UDP) - without prior communications protocol



DLNA (Digital Living Network Alliance)

DLNA is a standard of network (that includes digital devices such as PC, camera, TV and other) for networking and sharing information with other devices.



Port 5001

Protocol	Application
TCP/UDP	Yahoo Messenger Chat
TCP/UDP	Evertch
TCP/UDP	SlingBox
TCP/UDP	Iperf
TCP/UDP	Yahoo Messenger Voice Chat
TCP/UDP	Ultima Online
TCP	QSee QSD2216
TCP	DINA RMC

Protocol	Threats
TCP/UDP	Sockets de Troie (A French Trojan Horse and virus)
TCP	Back Door Setup

WiDi - Wireless Display



References:

- <http://manuals.playstation.net/document/en/ps3/current/settings/connectdlna.html>
- <http://www.speedguide.net/port.php?port=5001>
- <http://www.auditmypc.com/tcp-port-5001.asp>
- <http://meshackmusangi.blogspot.com/2012/07/intel-widi-wireless-display-technology.html>



THANK YOU FOR THE ATTENTION!

QUESTIONS?