

POORNIMA FOUNDATION

DETAILED LECTURE NOTES

	Course	Class/Section:	Date:
_	Name of Faculty:	Name of Subject:	Code:
	Application layer protoc	1	
-	HTTP		m m
	- Post No 80		
	- 9+ self not reliable	e but use TCP to	alliere
,•	7 LEO 05/20 79	Commande Th	saml.
Ru	Johnst Sand John Cod	La La La	1.4 - 12 2004
Beink	ing Sterteless (5+ does m	istent	cookies/stary
gma	- In band protocol defult - Steeteless (9+ does re ing way HTTP 1.0 Non Pers ill HTTP 1.1 Persist	ent. Two types	by ow end
-	- Commands (Head	ner, lost, lu	-, Delete, org.
	bret -> Req. a docume	ut from the serv	en
	The document	uset.	
	Post + sends some	information from	n the client
	put -> sends a d	dument from seri	ver to the client
	TRACE - Echoes the		
	connect & Reserved		
	option -> that inge		ble options

FTP (Fillzila - Post no 20(DATA) & 21 (control) - Data connection is non persistent Control Connection is Persistent - Not inband - Reliable her serv - stareful. SMTP & POP - FTP is synchronous but SMTP & POP is both synchronous & ousynchronous. - SMTP port No. 25 for purhing the mould. 4 mail + 156B 25 G, B By defemb Mail client of in 2 ports protocol werks Main Transfer

1) Port 110 => default (PoP3 non-encrypted moultilleur)
2) Port 995 - Pop 3 securely

(Jehoo)

With encryption)

MTA.

Extensions.)

Pop(Post of

(Multimedia douter send)

MTA.
POP (Post office

Ly Portocol.

Maril Client.

Purh Maril

in Into X.



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DEMISED SECRETE NOTES

HTTP USES TCP (9+ DECONDAGENO...

Persistent HTTP (1.1)

server leaves connection open after sending

1 Round to ptime (RTT) for all suforenced object.

Less overhead

2)

Commettion
1RTT
1RTT
(all objects)

Non-Persisters HTTP (HTTP/1.0)

- 1) 9+ requires 2 RTTs
- 2) Mare overhead.

Bare
fill

12mager

1RTT

1RTT

1mager

1RTT

1RTT

1mager

1RTT

HTTPS (Hyper Tent Toursfer proto cod secure. HTTPS is a protocol, which is used for comm? b/w web prowser and web server. HTTPS is secure Version of HTTP. - provides confidentiality - Integrity (douter b/10 the users bompurer, - HTTPS encrypt URL, username, passwork, selsitive information of user. (PAN covid, Credit plebit) HTTP+SSL = HTTP securi 12 a Code Enoughted connection. Servero Defeut port No. - 443 9s sergi search engine uses, HITTP or HTTPS. HTTPS Connection - Connection i'nitiation - Date transfer - connection Fer mination, Server client hello-< certificate - secret key. and hand b