

**Protocol Analysis
Experiment #2
[Downloading a long file]**

Trace File to be analysed : HTTP-Tracefiles\http-trace-2

Protocol Analysis Experiment #2

[Downloading a long file]

Protocols : HTTP, & TCP

Application Scenario

Client requests a file from a server

Server returns the file

Nature of the file : html : Long file

Protocols to be analysed

Analyse how protocols DNS, HTTP & TCP are used in running this application. Analysis to be done in 3 parts

Part #1 : HTTP

Part #2 : TCP

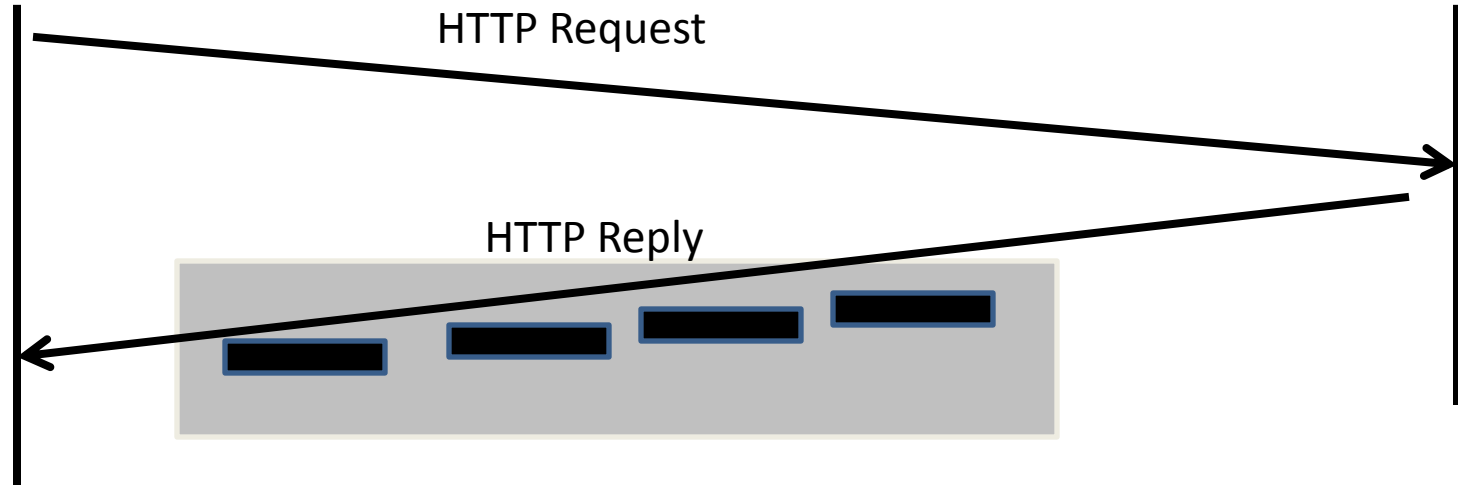
Trace File to be analysed : HTTP-Tracefiles\http-trace-2

Protocol Analysis Experiment #1

Protocol : HTTP

Client

Server



Protocol Analysis Experiment #1

Protocol : HTTP

Enter HTTP in the filter, Analyse and answer the questions

Request :

1. What is the name of the file requested?
2. Is the connection persistent or non-persistent ?

Reply

1. What is the size of the content returned ?
2. What is the content length ?
3. How many TCP segments have been received as part of reply ?
4. Size of each TCP segment :

Protocol Analysis Experiment #1

Protocol : TCP

1. Apply TCP in the filter window
2. Analyse
3. Fill up the values for the attributes mentioned in the next slide

Protocol Analysis Experiment #1

Protocol : TCP

Client

IP add :

Server

IP add :

