

1. What version of HTTP is the server running?

HTTP/1.1

2. How is the beginning of the content sent by the server recognized by the client?

options + blank line + content

when client detect a blank line, it knows it's the start of content

3. How does the client know what type of content is returned?

Content-Type: text/html

this will declare what type the content is

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1. What is the format of a header line? Give a simple description that fits the headers you see.

the format of a header line:

key:value // parameters in key value format, separated by \r\n

2. What headers are used to indicate the kind and length of content that is returned in a response?

Content-Type:

Content-Length:

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1. What is the name of the header the browser sends to let the server work out whether to send fresh content?

If-Modified-Since

2. Where exactly does the timestamp value carried by the header come from?

Last-Modified

timestamp bases on Last-Modified