1. Text, letter

Description automatically generated

2. Text, letter

Description automatically generated

3. A piece of paper with writing on it

Description automatically generated with medium confidence

Calendar

Description automatically generated with low confidence

4. Text, letter

Description automatically generated

5. A picture containing text, whiteboard

Description automatically generated

6.

(a)

Table

Description automatically generated with medium confidence

Table

Description automatically generated with medium confidence

Graphical user interface, text, application, email

Description automatically generated

(b)

Graphical user interface, text, application

Description automatically generated

(c) The first three packets are for the initial connection setup, performing the “three way handshake” between source and destination.

(d)

Graphical user interface, text, application, email

Description automatically generated

Sequence number: 4116985994

Acknowledgement number: 2548663710

Graphical user interface, text, application

Description automatically generated

Sequence number: 2548663710

Acknowledgement number: 4116986001

(e)

Graphical user interface, application, Word

Description automatically generated

7.

(a)

Query packet:

Graphical user interface, text, application

Description automatically generated

Response packet:

Graphical user interface, text, application

Description automatically generated

(b) They are sent over UDP.

(c) Query message (destination port = 53)

Graphical user interface, text, application

Description automatically generated

Response message (source port = 53)

Graphical user interface, application

Description automatically generated

(d) The IP address is 136.142.34.104

Graphical user interface, text, application, Word

Description automatically generated