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## CHALLENGE 3

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Open **challenge101-3.pcapng** and use the techniques covered in this chapter to answer these Challenge questions.

**Question 3-1.**

**How many frames travel to or from 80.78.246.209?**

**32**

**Question 3-2.**

**How many DNS packets are in this trace file?**

**8**

**Question 3-3.**

**How many frames have the TCP SYN bit set to 1?**

**12**

**Question 3-4.**

**How many frames contain the string "set-cookie" in upper case or lower case?**

**6**

**Question 3-5.**

**How many frames contain a TCP delta time freater than 1 second?**

**8**