

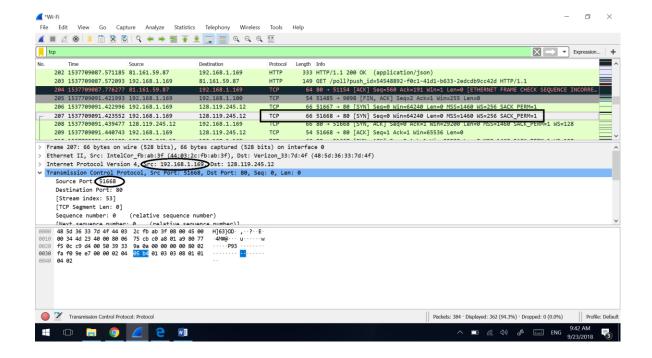
1. What is the TCP port number used by your computer to communicate with gaia.cs.umass.edu?

Answer:

TCP SYN

IP address: 192.168.1.169

TCP port number: 51668



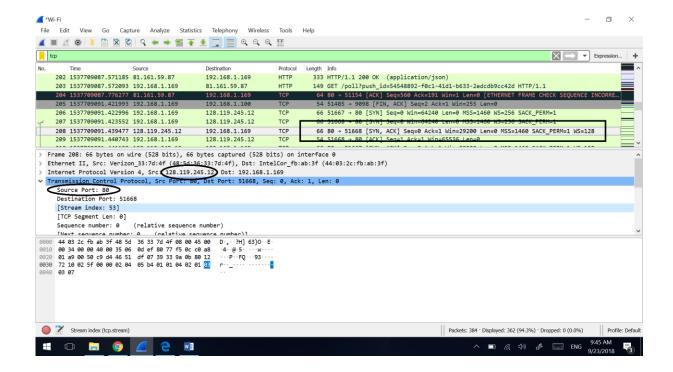
2. What is the TCP port number used by gaia.cs.umass.edu to communicate with your computer?

Answer:

TCP SYN, ACK

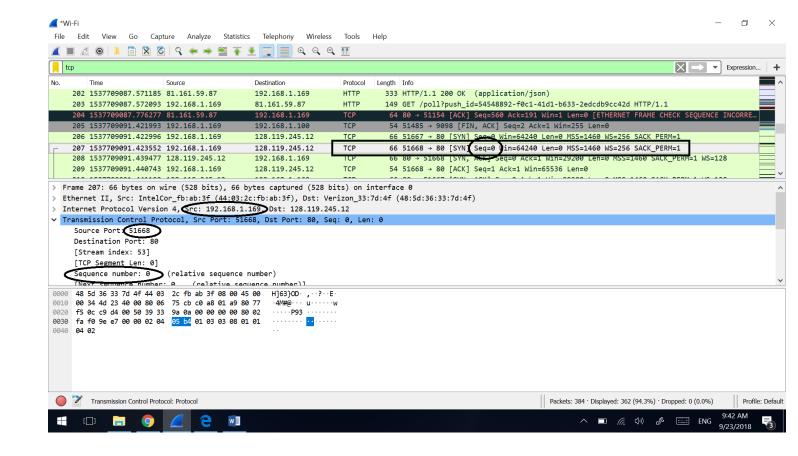
IP address: 128.119.245.12

TCP port number: 80



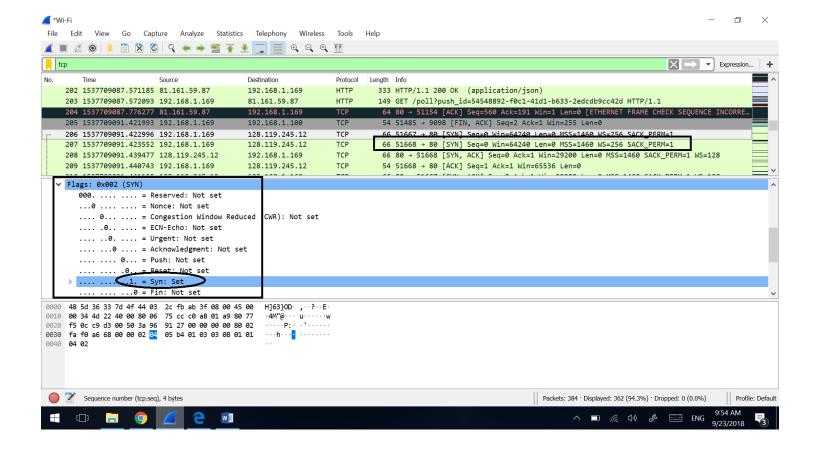
3. What is the sequence number of the TCP SYN segment that is used to initiate the TCP connection between your computer and gaia.cs.umass.edu?

Answer: 0



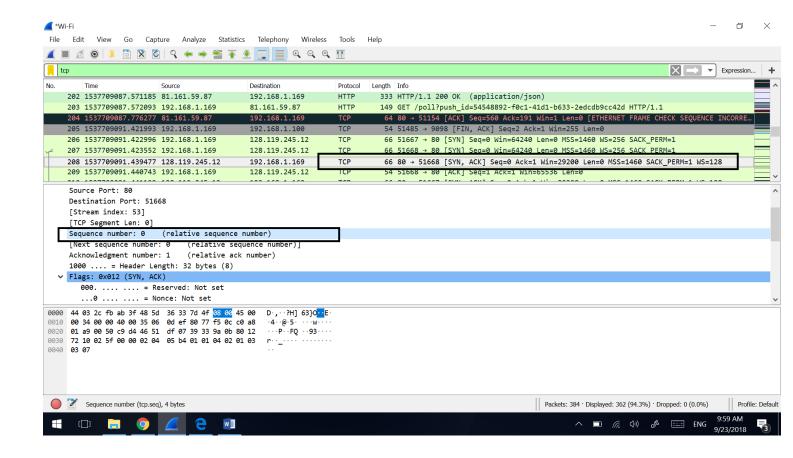
3.1 What is it in the segment that identifies the segment as a SYN segment?

Answer: Flags indicates 1 for SYN, which results that the segment is SYN.



4. What is the sequence number of the SYNACK segment sent by gaia.cs.umass.edu to the client computer in reply to the SYN?

Answer: We are looking at SYN ACK segment, and the sequence number is 0.



5. What is the sequence number of the TCP segment containing the HTTP POST command?

Answer: HTTP => POST => Trans Prot Control => Sequence number: 151841

