It Networking 101 checksheet

Write a research paper (750-1250 words) describing how data gets from web browser to webserver and back, what can go wrong, and how to troubleshoot it.

Be sure to incorporate information from assignments and discussions from both Topics 3 and 4. Charts and diagrams are highly encouraged.

Cite your research, as well as the tools you used to perform actions related to the research.

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center.

This assignment uses a rubric. Review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

You are required to submit this assignment to LopesWrite. Refer to the [LopesWrite Technical Support articles](https://support.gcu.edu/hc/en-us/sections/360001963394-LopesWrite) .

In addition, the report must contain the following:

* Introduction to networking and the Internet
* Client/Server view of networking
* OSI and TCP/IP protocol stacks [encapsulation/decapsulation]
* Routing of messages from the sender's network to the receiver's network.
* Conclusion

Before you submit this assignment, make sure you can check off the following:

\_\_\_\_ I have an introductory paragraph that introduces my paper topic and has an identifiable thesis statement.

\_\_\_\_ I have described a variety of communications and transport elements with technical detail (2-3 paragraphs) (Client-Server view of networking, OSI and TCP/IP protocol stacks, message routing)

\_\_\_\_ I have identified a variety of potential problems with technical detail (1-2 paragraphs)

\_\_\_\_ I have identified a variety of solutions with technical detail (1-2 paragraphs)

\_\_\_\_ I have a conclusion that wraps up my paper

\_\_\_\_ I have an in-text citation for every reference on my reference sheet.

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\_\_\_\_ Information in my paper came from the cited sources