Learning Guide Unit 6

Discussion Assignment

- Consider a simple application-level protocol built on top of UDP that allows a client to retrieve a file from a remote server residing at a well-known address. The client first sends a request with a file name, and the server responds with a sequence of data packets containing different parts of the requested file. To ensure reliability and sequenced delivery, client and server use a stop-and-wait protocol. Ignoring the obvious performance issue, do you see a problem with this protocol? Think carefully about the possibility of processes crashing.

Note any areas where you may want or need some further explanation. Ask questions of your fellow classmates.

Revisit the Discussion Forum often, responding to at least three other classmates and responding to anyone who responded to your original post.

You may need to use some additional outside sources. Be sure to properly cite any sources you use using APA format. You can get some help on APA formatting here: Purdue Online Writing Lab. (n.d.). *APA style introduction*. Purdue University. https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_style_introduction.html