**IP Troubleshooting Procedures**

Overview:

As part of your assigned readings and material covered in class lecture, you have learned about IP troubleshooting in Unit 5 and this week’s lesson. Your assignment is to expand the IP troubleshooting procedure provided to you in the discussion activity from Unit 5 to include concepts from this week’s lesson.

Required Resources:

* Textbook and lecture notes
* Internet access

Deliverables

* Expand the troubleshooting procedure provided in Unit 5 to including the following:
  + Use of the traceroute (tracert) command and what area of diagnose this utility will aid in the host and router IP networking troubleshooting process
  + Use of the ping command and what areas of diagnoses this will utility will aid in the host and router IP networking troubleshooting process
  + Evaluating IP redirects to determine host routing misconfiguration
* Your response should closely mimic the provided document from Unit 5. In fact, use that document as the basis for this assignment. Also, you need to expand the document to include background information on the capabilities of the tools and what IP networking area the tools will provide diagnosis information about. Additionally, provide an example of how to utilize the tool and expected results.