Offline Screening Evaluation: Section

1): Test your R&D skills:

1. Explain the following types of DDoS attacks?

 Explain the cause, effect, and mitigation for these attacks:

a. CC (Challenge Collapsar) attack.

b. SYN Flood attack.

c. SSL Attack Note:

Format of the answer should be divided into 4 sections as follows:

● Cause: (To explain What is the cause of attack)

● Identify: (To explain How will you identify this attack.)

● Effect: (To explain What is the effect of this attack.)

● Mitigation: (To explain How will you mitigate this.)

Section 2): Test check system administration skills:

 2. On an Ubuntu system install Nginx 1.23.1 from a source file (Not using APT) and create a small test infrastructure on your virtual environment to perform a load balancing of a site example.com using Nginx.

Share the steps and screenshots of the configuration and the result identifying the load has been distributed among backend servers.

Section 3): To check automation skills:

3. Write an ansible role to install Kong Gateway from source in an Ubuntu server, the script should include:

a. Building kong gateway in host (Note: do not use apt or dpkg to install kong. Should use only source 2.8 latest)

b. Setting up the auto startup script.

c. Submit your github url. The output will be verified before the Technical Live Interview to demonstrate skills in a face-to-face virtual interview, so please submit your document work at the earliest