**SPIDER SOFTWARE BASIC TASK**

**COMPUTER NETWORKING**

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1.What types of traffic (HTTP, DNS, FTP, etc.) are present?

* HTTP, TCP, DNS, MDNS

2. How many DNS queries were made in total?

* 714 queries

3. What types of DNS queries were made?

* A → 143 queries

AAAA → 141 queries

TYPE65 → 72 queries

PTR → 2 queries

4. What is a Loopback Interface?

* It is the network interface used by the computer to send and receive network traffic to itself. It is commonly assigned the IP address 127.0.0.1 in IPv4 and ::1 in IPv6 and used for internal communication software process.

5. How many .txt files were requested? List their names.

* 3 .txt files are requested. They are /encoded.txt, /decoy2.txt, /decoy1.txt.

6. One .txt file contains base64-encoded content. Identify and decode it. What does it contain?

* /encoded.txt file contains base64-encoded content.the text given is ‘RkxBR3tzcGlkM3JfbmV0d29ya19tYXN0ZXJ9Cg==’ which is decoded to ‘FLAG{spid3r\_network\_master}\n’.

7. Was any attempt made to distract the analyst using decoy files? Explain.

* Yes, there was an attempt to distract the analyst using decoy files. There were 2 decoy files to distract the analyst, one file contains text as ‘Nothing to see here.’ and another file contains ‘This is just a decoy.’.

8. Are there any known ports being used for uncommon services?

* No, there is no known ports being used for uncommon services.

9. How many HTTP GET requests are visible in the capture?

* 3 HTTP GET requests are visible in the capture.

10.What User-Agent was used to make the HTTP requests?

* curl/8.5.0 was used to make the HTTP requests.