Second Method of Exfiltration: Exfiltration Over Web Service

Using HFS we shall send data across the network.

Graphical user interface, text, application

Description automatically generated

^establishing a http file web server service to exfiltrate the data towards

Graphical user interface, text, application, email

Description automatically generated

^adding the data in so that we could exfiltrate it over the web service.

Text

Description automatically generated

^Exfiltrating the data across the network through the multiple environments

Graphical user interface, text

Description automatically generated

^exfiltration was successful and was able to obtain the data completely. Graphical user interface, table

Description automatically generated

^This pcap screenshot shows the jpg being successfully extracted across the http web service successfully, jumping across multiple hops to get to the destination.

Text, chat or text message

Description automatically generated

^The header further proves that the exfiltration method which is “Exfiltration Over Web Service” was done successfully through the html website.

Conclusion: This method of exfiltrating over the web service using HFS and then connecting towards it from another environment proved that this exfiltration was a success. Methods used were HFS and KALI Linux with the exfiltration being taken place over the network having it being shown to be a success with the screenshot of the very same jpg that we want to steal/exfiltrate.