Network Security Protocols

Task-1
No answer needed

Task-2
What is the default port for HTTPS?
443

In a passive FTP connection, what does the client send the first command over the command channel?
Pasv

Task-3
What does PGP stand for?
Pretty Good Privacy

What does GPG stand for?
GNU Privacy Guard

What command would you use to generate a key pair using gpg?
gpg –gen-key

Consider the following three clients:
rlogin
telnet
ssh
Provide the number of the client that encrypts the traffic.
3

Task-4
Does the hello message during the SSL handshake include the TLS version (yea/nay)?
yea

During the client initiation process of SOCKS5, what is the SOCKS version if the client sends the first 5 bytes (0x05)?
5

Click the View Site button at the top of the task to launch the static site in split view. What is the flag after completing the exercise?
THM{GOT_THE_SSLKEY}

Task-5
What does ESP stand for?
Encapsulating Security Payload

Which protocol does the Cisco VPN client use to establish a VPN connection?
IPsec

Which protocol does the OpenVPN project use for encryption and authentication?
SSL/TLS