

1. Why transport level security is necessary?
2. Compare the network level security, transport level security and application level security approach; Explain the advantages and disadvantages, and the principles of each security approach.
3. What are the differences between SSL connection and SSL session? Why both concepts are used?
4. How to define a SSL session state and a connection state?
5. What are the functions of each protocol in SSL and SSH protocol stack?
6. What is local and remote port forwarding? Give some examples where they are used.