

Client Service

1. {ClientHello, client_version, random_client, session_id, cipher_suites, compression_f}

2. {ServerHello, server_version, random_server, session_id, cipher_suite, compression_f}

3. {ServerCertificate, certificate_list}

4. {ServerHelloDone}

5. {ClientKeyExchange, ENCRYPT(pre_master_secret, ServerPubKey)}

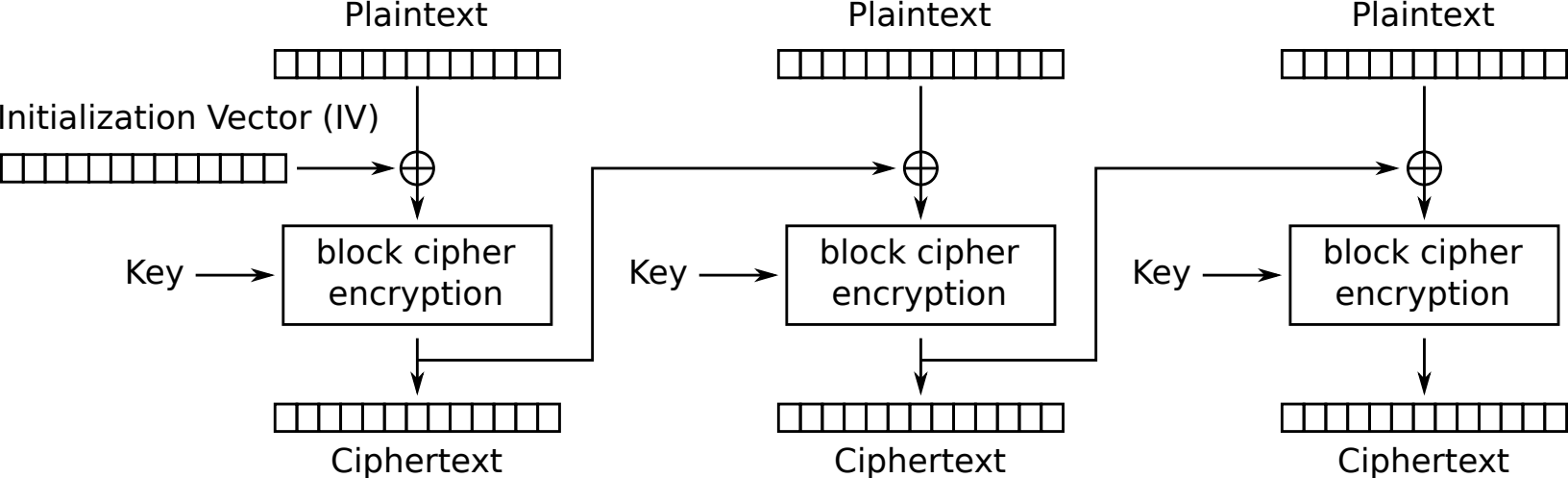
6. {ChangeCipherSpec, cipher_suite}

7. {Finished, mac(master_secret, messages 1, 2, 3, 4, 5)}
client_write_key
client_write_MAC_secret

8. {ChangeCipherSpec, cipher_suite}

9. {Finished, mac(master_secret, messages 1, 2, 3, 4, 5, 7)}
server_write_key
server_write_MAC_secret

10. {Data, plaintext}
client_write_key
client_write_MAC_secret



Cipher Block Chaining (CBC) mode encryption

