Single Trust Store Configuration

Broker 1

Broker 2

Broker 3

keystore with:
 - key pair
 - signed certificate

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 - key pair
 - signed certificate

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 - key pair
 - signed certificate

trust store with:
 - certificate authority (CA)

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 - certificate authority (CA)

Client 1

trust store with:
 - certificate authority (CA)

If client authenticates with SSL:
keystore with:
 - key pair
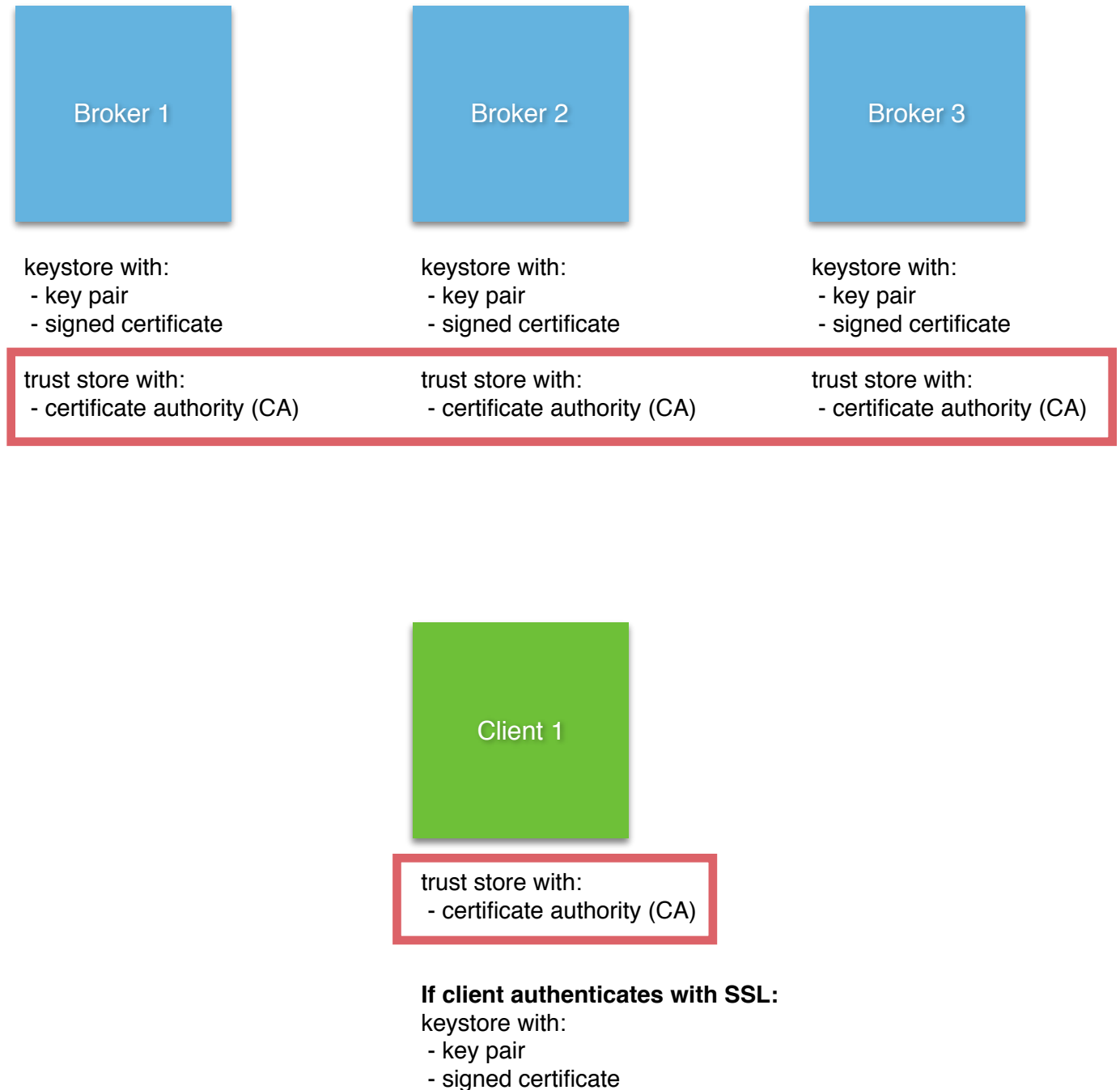 - signed certificate

- Each broker machine has its own keystore. The keystore is made up of a key pair and a signed certificate, signed by the CA in the trust store.
- The trust store is the same for all broker hosts and clients. The trust store contains the CA that signed all certificates. For each broker and client, when the key pair was generated, it was generated with an unsigned certificate. The CA in the truststore signed the certificate. The trust store can be configured in others ways, too, for example with certificates instead of a CA.
- If the client needs to authenticate with SSL, the client needs its own keystore, made up of a key pair and a signed certificate, signed by the CA in the trust store.