



User  
(Owner)



Certificate Authority  
(Issuer)

Certificate request

 Public Key  
 Private Key

User Identity  
Public Key

User Identity  
Public Key  
Issuer Identity  
Algorithm names

 Public Key  
 Private Key

Hash of request

Encryption

Certificate

User Identity  
Public Key  
Issuer Identity  
Algorithm names  
Signatur

User Identity  
Public Key  
Issuer Identity  
Algorithm names  
Signatur

