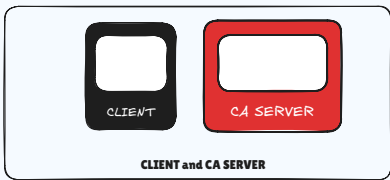
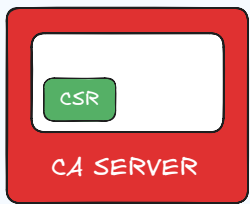
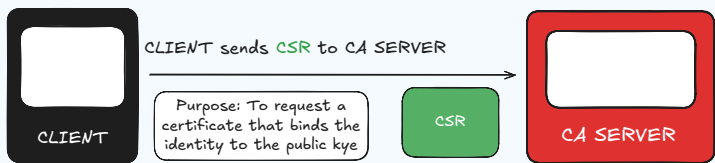


AD CS WORKING

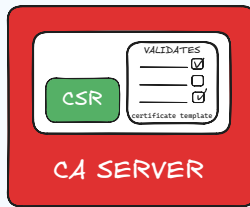


AD CS is a server role that functions as Microsoft's public key infrastructure PKI implementation

Client Sends CSR to CA SERVER for issuing Cert and Sign



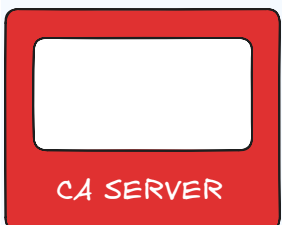
CA SERVER Receives the CSR from CLIENT



CA SERVER Validates: Client's permission to request a certificate and the permissions on the certificate template



CA SERVER Generates: A new certificate based on the template's settings
CA SERVER Signs: The new certificate with the CA's private key



CA SERVER Sends Signed CERTIFICATE to CLIENT



The Signed Certificate Contains: The client's public key, bound to their identity, and signed by the CA's private key