End-Entity Certificate Subject's (End-Entity) Name Subject's (End-Entity) PublicKey Reference Issuer's (Intermediate CA) Name Cluster (KMS) Sign Intermediate CA's PrivateKey Issuer's (Intermediate CA) Signature **Intermediate** Certificate Subject's (Intermediate CA) Name Verify Signature Subject's (Intermediate CA) PublicKey Reference Issuer's (Root CA) Name Admin (KMS) Sign Issuer's (Root CA) Signature Root CA's PrivateKey **Root** Certificate Subject's (Root CA) Name Self-Sign Verify Signature Subject's (Root CA) PublicKey Issuer's (Root CA) Name Issuer's (Root CA) Signature