```
PROCEDURE:
new X.509 identity
        │
        ▼
p11tool --generate
        │
        ▼
Fetch $P11URI
        │
        ▼
Store $P11URI in LDAP
        │
        ▼
certtool --generate-request
        │
        ▼
ask CA for certificate
        │
        ▼
Fetch $CERT
        │
        ▼
Store $CERT in LDAP
        │
        ▼
user or host identity?  ──host──▶  store $CERT in DANE
        │                                    │
      user                                   │
        ▼                                    │
set_localid x.509  ◀─────────────────────────┘
        │
        ▼
END PROCEDURE
```

Note:
We should probably trigger removal
of any preceding key at the end of
this procedure, if the purpose is to
rollover the identity.