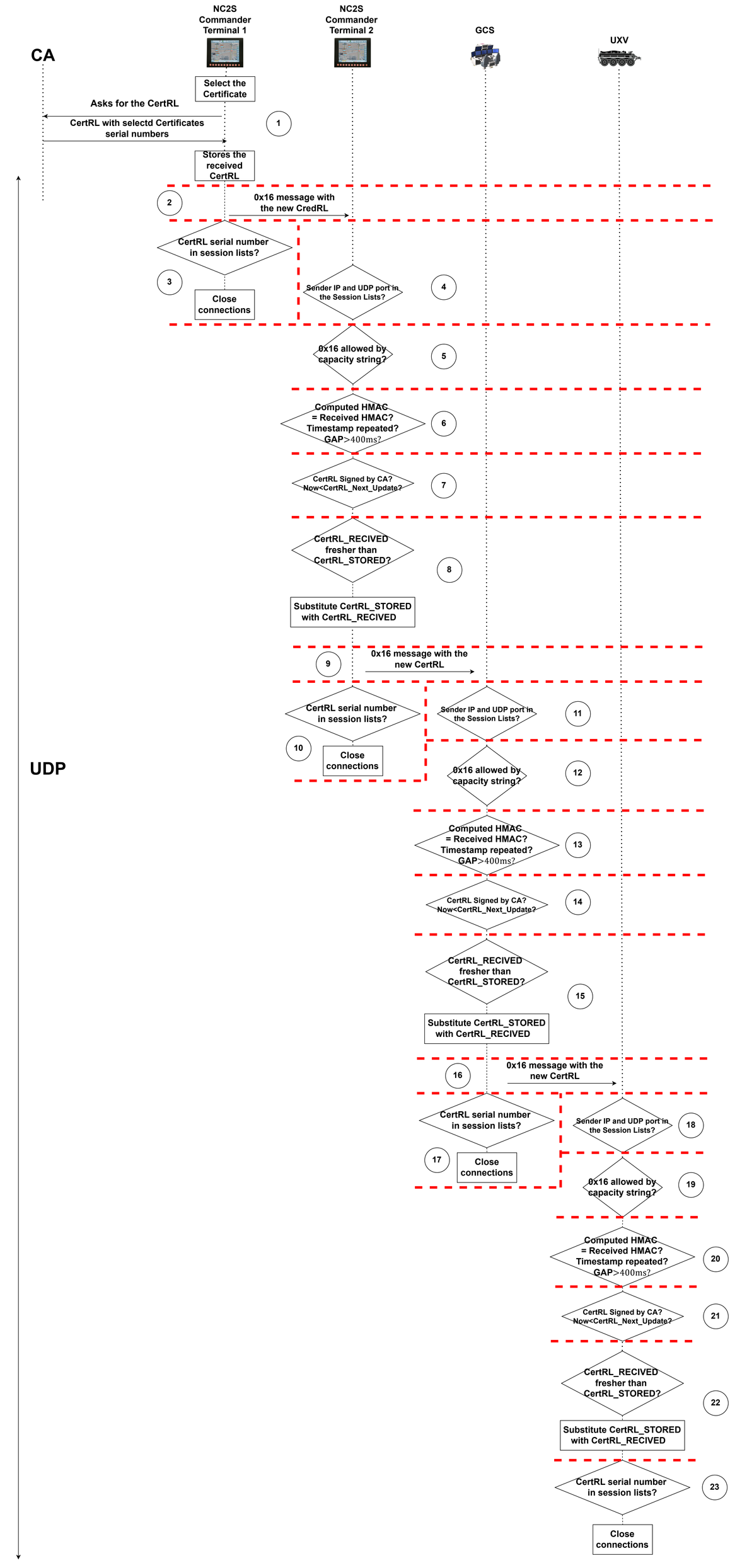
NC2S Commander Terminal 1
NC2S Commander Terminal 2
GCS
UXV
CA
Select the Certificate
Asks for the CertRL
CertRL with selectd Certificates serial numbers
1
Stores the received CertRL
2
0x16 message with the new CredRL
CertRL serial number in session lists?
3
Close connections
Sender IP and UDP port in the Session Lists?
4
0x16 allowed by capacity string?
5
Computed HMAC = Received HMAC? Timestamp repeated? GAP>400ms?
6
CertRL Signed by CA? Now<CertRL_Next_Update?
7
CertRL_RECIVED fresher than CertRL_STORED?
8
Substitute CertRL_STORED with CertRL_RECIVED
9
0x16 message with the new CertRL
CertRL serial number in session lists?
10
Close connections
Sender IP and UDP port in the Session Lists?
11
0x16 allowed by capacity string?
12
Computed HMAC = Received HMAC? Timestamp repeated? GAP>400ms?
13
CertRL Signed by CA? Now<CertRL_Next_Update?
14
CertRL_RECIVED fresher than CertRL_STORED?
15
Substitute CertRL_STORED with CertRL_RECIVED
16
0x16 message with the new CertRL
CertRL serial number in session lists?
17
Close connections
Sender IP and UDP port in the Session Lists?
18
0x16 allowed by capacity string?
19
Computed HMAC = Received HMAC? Timestamp repeated? GAP>400ms?
20
CertRL Signed by CA? Now<CertRL_Next_Update?
21
CertRL_RECIVED fresher than CertRL_STORED?
22
Substitute CertRL_STORED with CertRL_RECIVED
CertRL serial number in session lists?
23
Close connections
UDP