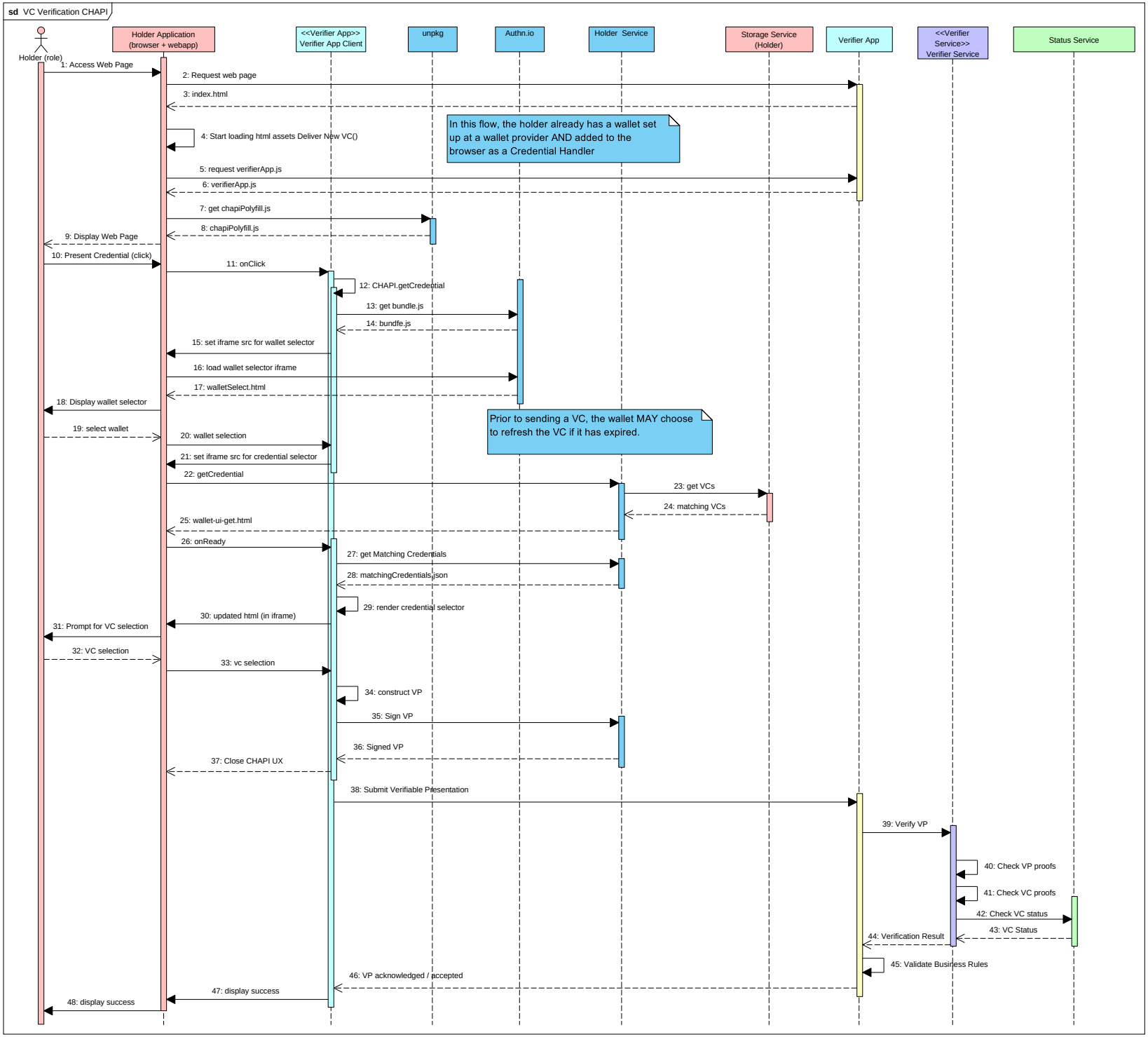
sd VC Verification CHAPI
Holder (role)
Holder Application (browser + webapp)
<<Verifier App>> Verifier App Client
unpkg
Authn.io
Holder Service
Storage Service (Holder)
Verifier App
<<Verifier Service>> Verifier Service
Status Service
1: Access Web Page
2: Request web page
3: index.html
4: Start loading html assets Deliver New VC()
In this flow, the holder already has a wallet set up at a wallet provider AND added to the browser as a Credential Handler
5: request verifierApp.js
6: verifierApp.js
7: get chapiPolyfill.js
8: chapiPolyfill.js
9: Display Web Page
10: Present Credential (click)
11: onClick
12: CHAPI.getCredential
13: get bundle.js
14: bundfe.js
15: set iframe src for wallet selector
16: load wallet selector iframe
17: walletSelect.html
18: Display wallet selector
19: select wallet
20: wallet selection
21: set iframe src for credential selector
Prior to sending a VC, the wallet MAY choose to refresh the VC if it has expired.
22: getCredential
23: get VCs
24: matching VCs
25: wallet-ui-get.html
26: onReady
27: get Matching Credentials
28: matchingCredentials.json
29: render credential selector
30: updated html (in iframe)
31: Prompt for VC selection
32: VC selection
33: vc selection
34: construct VP
35: Sign VP
36: Signed VP
37: Close CHAPI UX
38: Submit Verifiable Presentation
39: Verify VP
40: Check VP proofs
41: Check VC proofs
42: Check VC status
43: VC Status
44: Verification Result
45: Validate Business Rules
46: VP acknowledged / accepted
47: display success
48: display success