

Appendix – CPN Model of BlockVoke/ACME Extension

The following figures show the complete CPN model for the BlockVoke/ACME Extension.

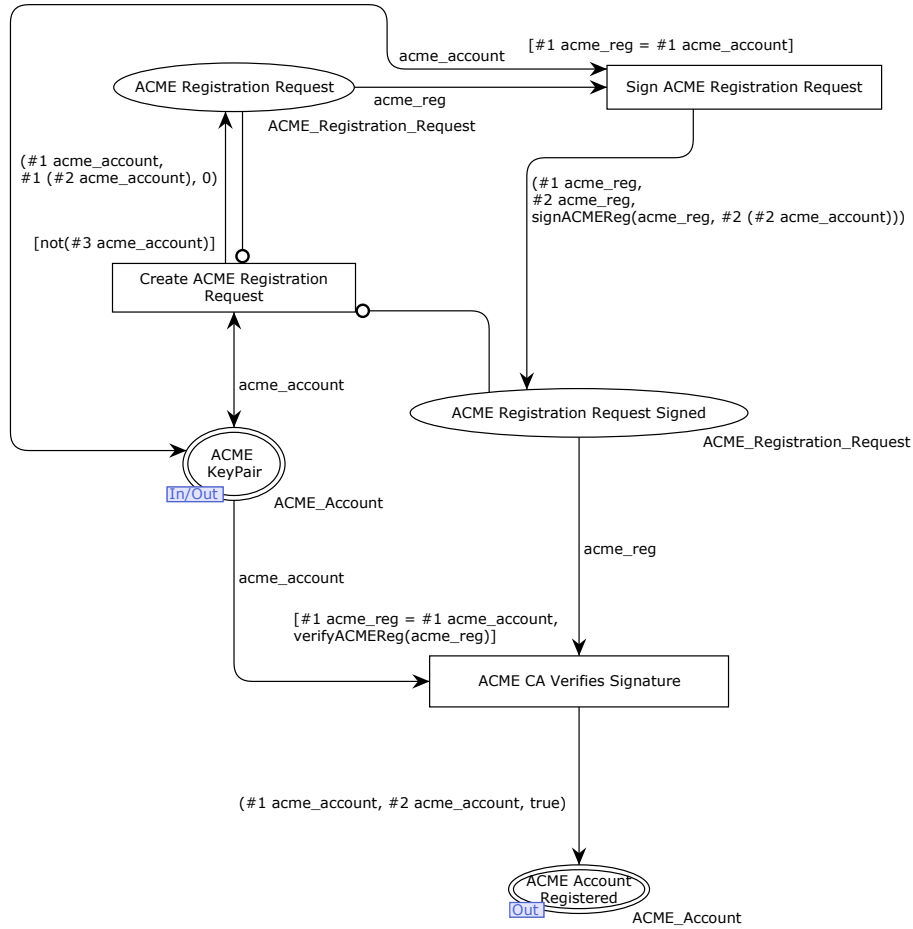


Fig. 1: *Register ACME Account* CPN sub-module

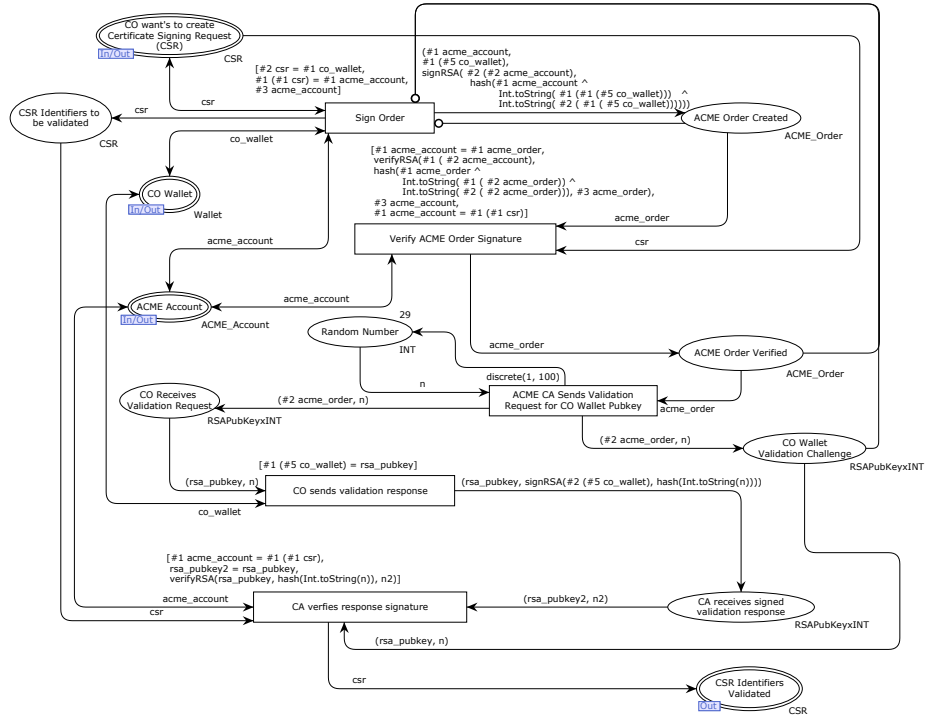


Fig. 3: ACME Validation CPN sub-module

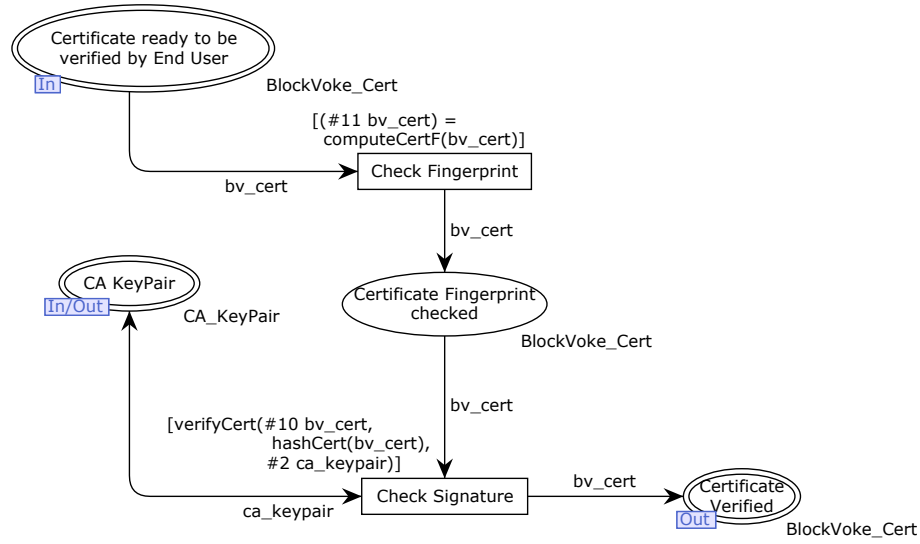


Fig. 4: Verify Certificate CPN sub-module

Fig. 5: *Revoke Certificate* CPN sub-module

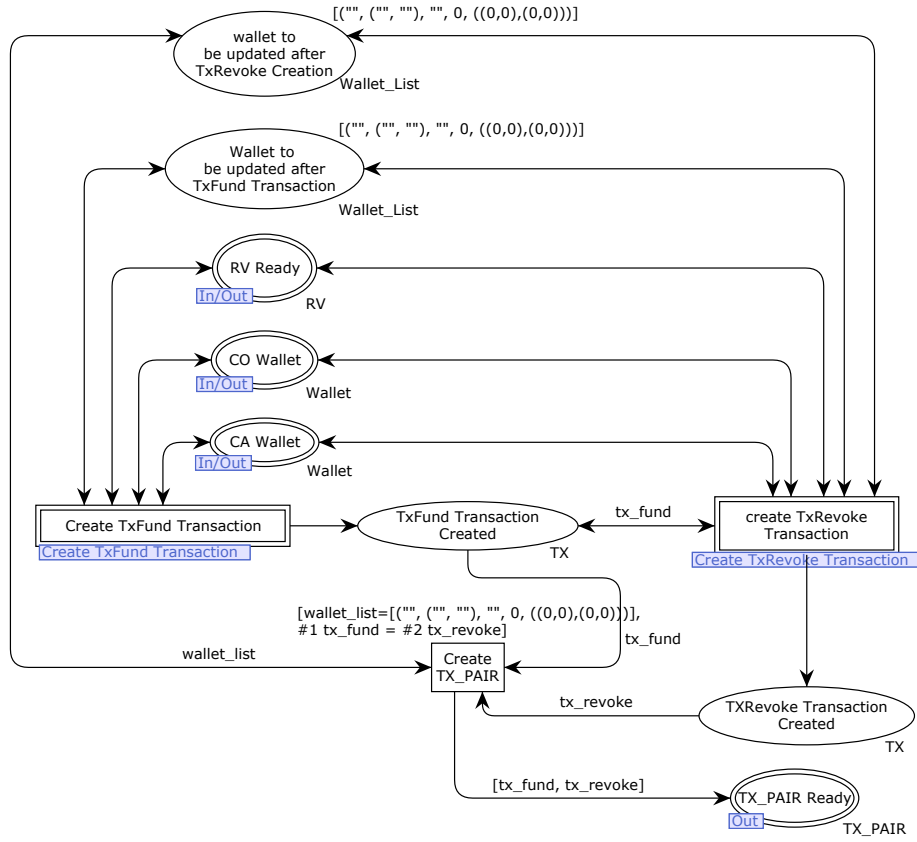
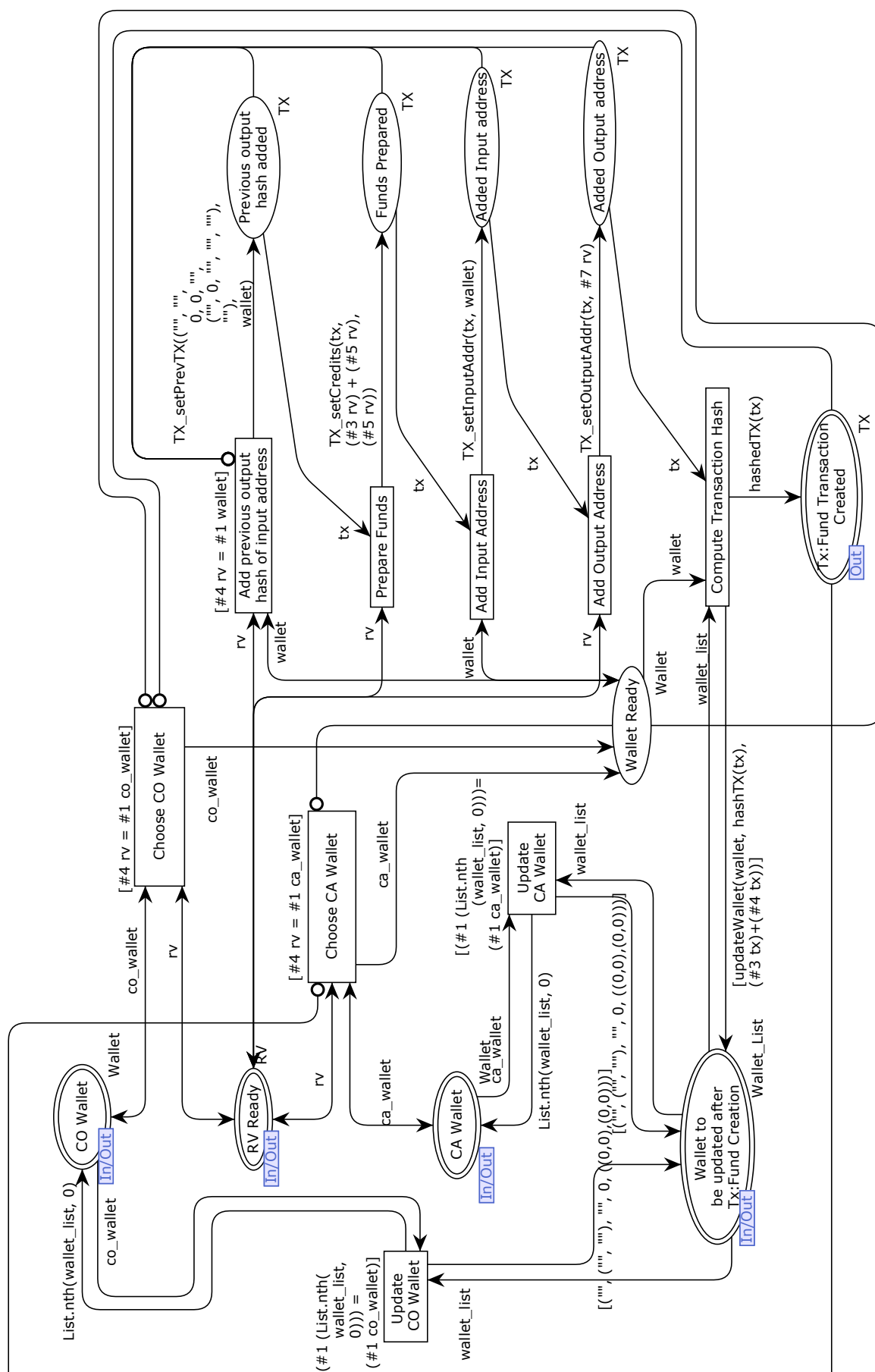
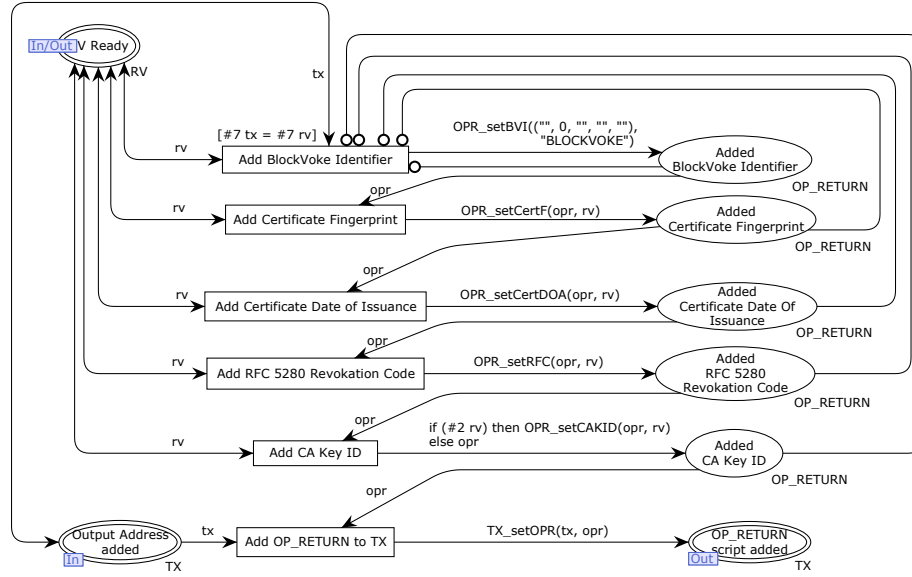
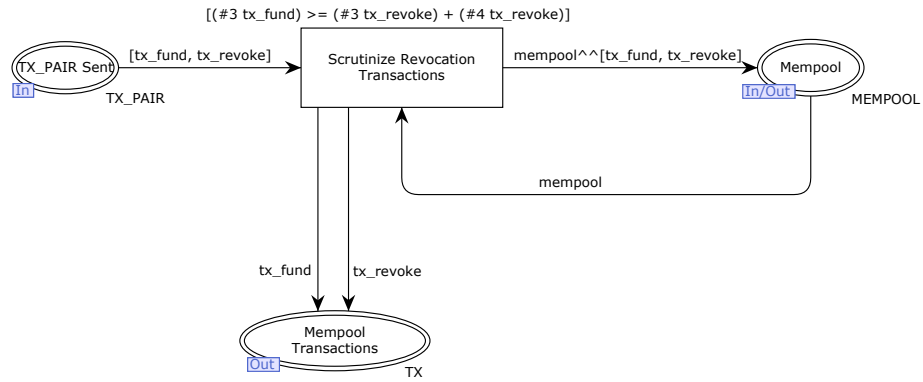
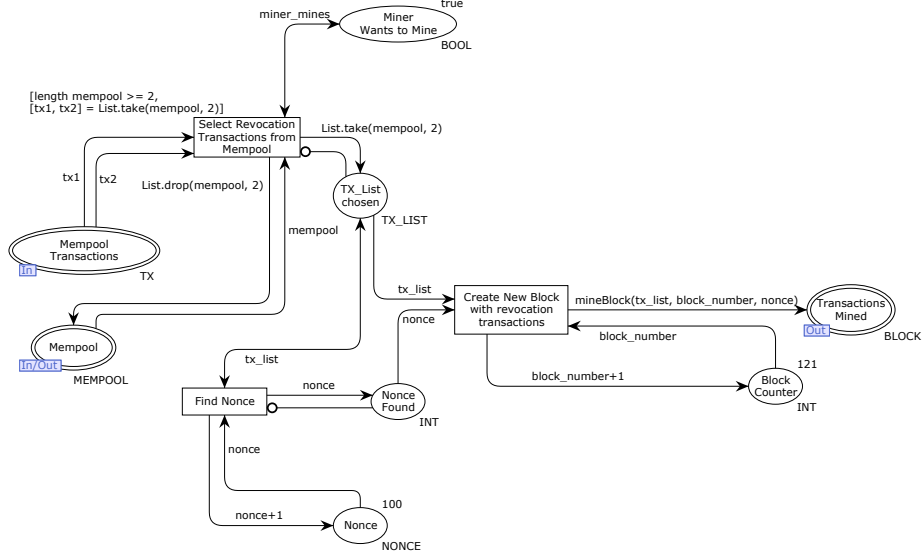
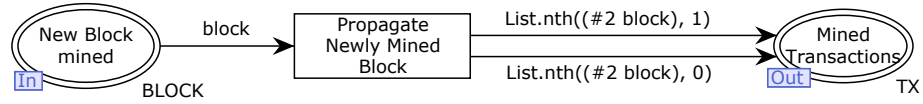
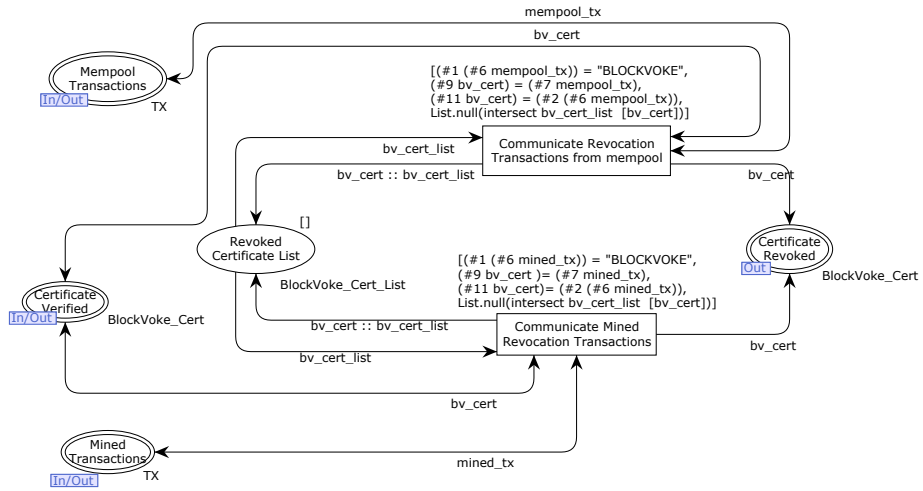


Fig. 6: *Create Revocation Transactions* CPN sub-module



Fig. 9: *Add OP_RETURN script* CPN sub-moduleFig. 10: *Add Unconfirmed Revocation Transactions to Mempool* CPN sub-module

Fig. 11: *Mine Revocation Transactions* CPN sub-moduleFig. 12: *Propagate Mined Blocks* CPN sub-moduleFig. 13: *Mark Certificate as Revoked* CPN sub-module