SegWit
Segregated Witness

- Soft Fork - Bitcoin Improvement Proposal - BIP-91 (supersedes BIP141)

- Solve mailability (can’t decypher but can modaify the cypher text to produce undesired plaintext decode)

- Works by splitting the transaction into two segments

    - Removes the unlocking signature ("witness" data) from the original tx segment and adds it as a separate structure at the end.

- Original section would continues to hold the sender and receiver data,

    - new "witness" structure would contain scripts and signatures.

    - original data segment would be counted normally,

    - "witness" segment ends up counted as a quarter of its real size.

Bitcoin Cash

- SegWit was not enough!

  some of the bitcoin community felt that adopting BIP 91 without increasing the block-size limit favored people who wanted to treat bitcoin as a digital investment rather than as a transactional currency.

- Like Bitcoin with segwit, but now with 2MB blocks!