

3. Voice-only

This is when the GP is used only as a decision-discovery tool. Implementation goes as far as enabling the miners to input their network governance decisions, and eventually incorporate the resulting 'network_governance_input' files into the blockchain. However, in this case, things don't go that far, and the input received is not used. Use case is networks where governance information is valued, but updating network operations by any means other than by software replacement is considered unacceptable.

4. Voice and Vote

This is a scenario where in the GP is fully implemented and is used for both discovery and implementational purposes. So, here the majority's decisions are discovered and subsequently implemented. An appropriate use case would be where mandating source code modification and software replacement for any form of network maintenance is unacceptable.

Now there are two points worth taking note of — prior work in the BIP proposals and application governance. As discussed earlier, a significant amount of work in this regard has already been done in the BIP proposals with an emphasis on striking a balance between governance stability and network responsiveness. That is essential to ensure that the governance remains static and the network remains responsive. So, the challenging part is to balance the two and this has already been discussed in the BIP proposal under the concept "the depth of the look-back". That refers to the number of confirmed blocks that are required to enforce a change in the network policy.

Also, it includes the "decisiveness" of the governance directive, which refers to the total percentage of miners that must favor a network change, for it to be implemented. We strongly agree with these evaluation techniques, which clarify the most important aspects of the governance protocol. In the case of GP, this issue only arises in the fourth scenario (voice and vote) that we have discussed above. Although this issue requires further deliberation, it would not be wrong to prioritize stability of governance over all else.