**FUTURE ENHANCMENT**

In the future, we would like to perform a batch auditing method of data. The prospective method takes SHA-512 and compute the metadata (message digest) of data. DO encrypt data and metadata (message digest) of data. DO send metadata (message digest) to TPA, encrypt data sends to CS, TPA store the metadata (message digest) and request encrypted data to CS. CS send the encrypted data to TPA. Then TPA computes the metadata (message digest) to accept encrypted data. Data integrity is guaranteed the data is correct to compute the metadata.