SFrame Scope and Use case
Use Case:
Selective Forwarding Units

- Protecting your Data from your service provider.
- Protecting your Service Provider from your data.

SFU selection does an ‘impedence’ match between source and sink:
- Bandwidth (not all recipients have the same downlink)
- Resolution (not all recipients have the same screen size)

SFU wants to know: what can I safely drop?
Scope:
As little as possible - We are in a hurry - This stuff is shipping.

- Describe how to do the encryption so it isn’t hand rolled. There are some foot cannons here.
- Describe the un-encrypted info SFU gets so it can:
  - Decide what to drop (which packets)
  - Decide when it can change what it drops (switching layers only valid ‘sometimes’)
  - Decide what to cache (keyframes? - last x packets per layer?)