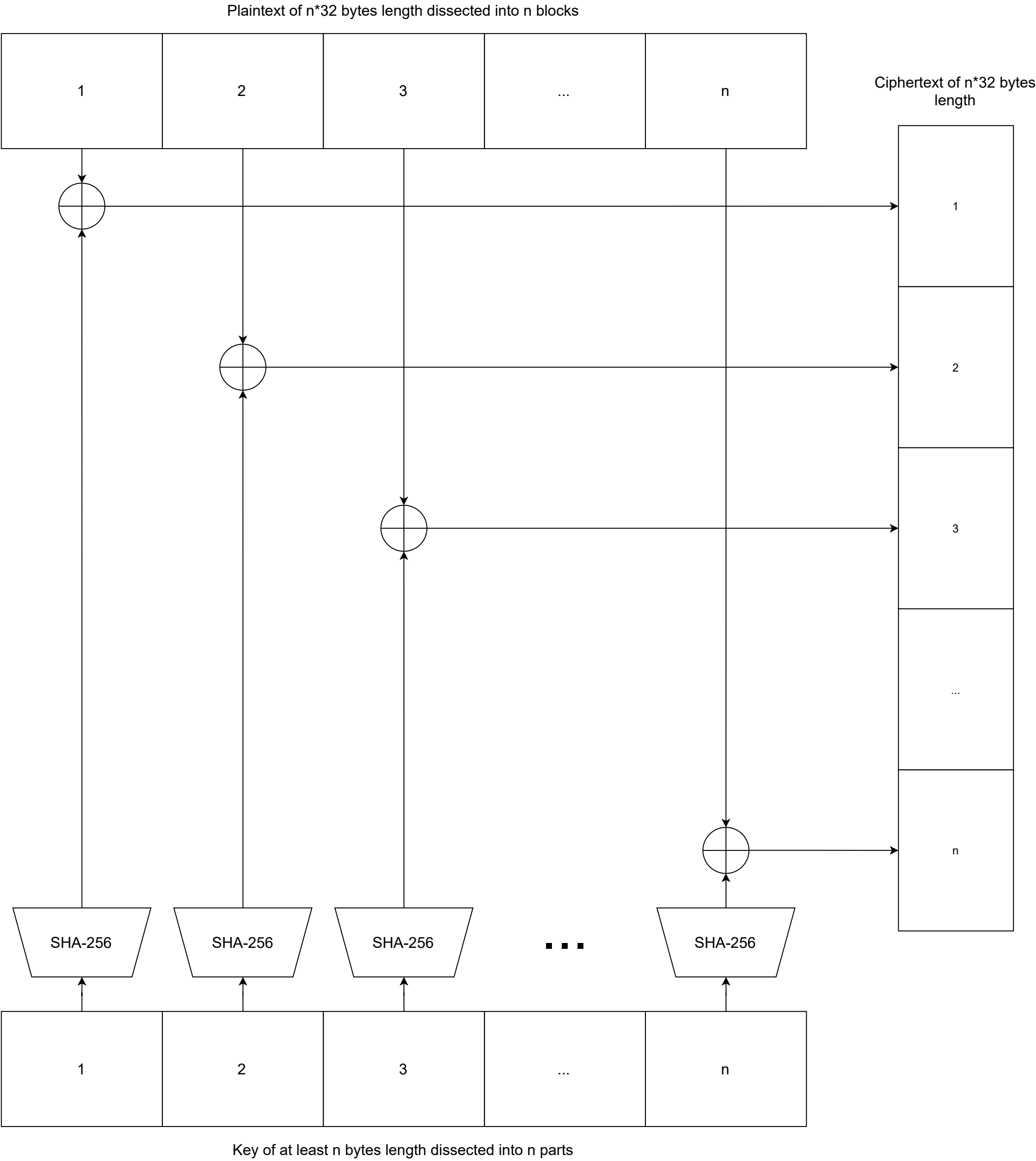


Encryption



Input Criteria

- Plaintext length must be multiples of 32 bytes.
- The plaintext will then be dissected into n blocks of 32 bytes length each.
- The key must be at least n bytes length.
- The key will be dissected into n parts with equal length as such that if the length of the key is m, then the length of each key parts is floor(m/n) and if $m \% n = r$, the last r bytes of the key shall be omitted.

As a sample, the plaintext
'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam ligula nisi, rutrum a
augue nec, faucibus ultricies lectus. Sed at tincidunt neque, quis tempor turpis. Morbi
hendrerit orci eget'
encrypted with the key 'password' resulted in the following plaintext:

58e2	9ba0	ca84	2469	9619	b48e	7e3a	2799
0a67	dcd9	b1af	0f7f	9f5d	805d	bca5	f733
aff4	f577	be6e	cfea	9ba6	58c3	f350	bf24
c9e1	cf9d	7815	3a5c	99c5	03ec	ce83	68d7
6d5d	04eb	15e5	1cd4	f94c	819e	c3ca	b92e
773b	8e70	eeae	ea fb	4af7	7d60	37dd	83a9
625b	04e4	1da7	07ce	aa50	c1ca	c3d6	ae35
6725	8e7d	abac	ebe9	4cbc	7d5d	37da	8fe8
24c7	558d	f262	5664	b342	81bf	4f06	255f
f8a1	d055	1186	9841	2954	686b	60af	e352
10b5	3c7c	d5a8	3836	d9c9	9bfc	af21	2aa8
dc72	0d71	2311	baf5	a62a	f890	e93f	97a6

