

$$\text{HMAC}_{k_1}(\text{URL}), \{\text{content}\}_{k_1} = \{\text{block}_1\}_{k_1}, \{\text{block}_2\}_{k_1}, \{\text{block}_3\}_{k_1}, \dots, \{\text{block}_x\}_{k_1}$$

$$\text{HMAC}_{k_2}(\text{URL}), \{\text{content}\}_{k_2} = \{\text{block}_1\}_{k_2}, \{\text{block}_2\}_{k_2}, \{\text{block}_3\}_{k_2}, \dots, \{\text{block}_x\}_{k_2}$$

$$\text{HMAC}_{k_3}(\text{URL}), \{\text{content}\}_{k_3} = \{\text{block}_1\}_{k_3}, \{\text{block}_2\}_{k_3}, \{\text{block}_3\}_{k_3}, \dots, \{\text{block}_x\}_{k_3}$$

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$$\text{HMAC}_{k_n}(\text{URL}), \{\text{content}\}_{k_n} = \{\text{block}_1\}_{k_n}, \{\text{block}_2\}_{k_n}, \{\text{block}_3\}_{k_n}, \dots, \{\text{block}_x\}_{k_n}$$