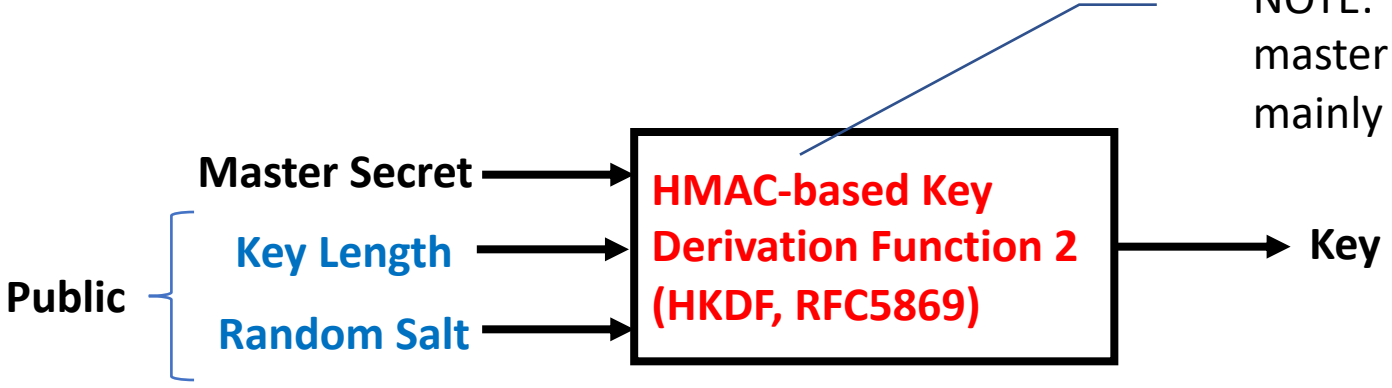

NOTE: This assumes a relatively long-enough master secret like > 80 bits. This is employed mainly to remove the bias of distribution.