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The terms message authentication, modification detection, and hash all refer to a process of condensing text using an algorithm to small number of bytes based on the algorithm.

Using the text from earlier, various codes can be produced.

Digest or Hash type	process	text lengt h bytes	CODE
MAC	X9.19OPT	64	0B825524
	X9.19OPT		0B825524C74B72E4
	X9.19OPT	32	C591DB8B
MDC	MDC-2	64	5712128D9E7F4D915FE5784B19BFAC8E
	MDC-4		72DB176E3873FFB04D0DCE877A450527
One Way Hash	SHA-1	64	81F3BBC69C85D462F2B59E62457660F08A194D51
	MD5	64	B29A7065A8536B471790CCBE98AD54E3





























