

## Re: Now that SHA-1 is cracked...

**Source:** <http://www.derkeiler.com/Newsgroups/microsoft.public.windows.server.security/2005-02/0337.html>

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In article <e4RayUHGFHA.560@TK2MSFTNGP15.phx.gbl>, in the microsoft.public.windows.server.security news group, Galen <galennews@gmail.com> says...

> *From Google:*

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> *SHA-1 cracked!:*

> <http://www.techspot.com/story17011.html>

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> *Perhaps the OP has been reading the news?*

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Irresponsible journalism at its worst, and you obviously don't know enough about cryptography to understand the issues here. SHA-1 has not been cracked, the researchers have simply determined that rather than finding collisions in  $2^{80}$  they can find them with  $2^{69}$ . While that is 2048 times easier to find a collision, SHA-1 has not been cracked at all. I'd suggest that rather than reading the news you spend some time researching cryptography.

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Paul Adare

"On two occasions, I have been asked [by members of Parliament], 'Pray, Mr. Babbage, if you put into the machine wrong figures, will the right answers come out?' I am not able to rightly apprehend the kind of confusion of ideas that could provoke such a question."

-- Charles Babbage (1791-1871)