

# Latest Security FUD in the Media

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## [We're Apparently Scanning Our TVs For Viruses Now](#) [2]

We've noted for many years that (like so many "internet of things" devices) modern smart televisions have the security protection equivalent of damp cardboard. Not only are they often easily hacked (something intelligence agencies are super excited about since it gives them audio access to targets), but the companies that make them have been busted repeatedly for hoovering up user usage data (and even audio from your living room), and then failing to adequately secure it.

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[Microsoft advises Azure customers to update Exim to avoid a Linux worm](#) [3] [Ed: Microsoft has not yet warned these customers about [back doors in Azure](#) [4] and [in Windows](#) [5]. Those are apparently considered to be acceptable because they help the NSA spy.]

Microsoft has issued a warning to Azure customers using Linux Exim email servers running Exim version 4.87 to 4.91.

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[Linux Worm Hits Unpatched Exim Servers](#) [6] [Ed: When Exim has a bug it's the fault of "Linux". When Microsoft Windows has back doors for the NSA it's the fault of "hackers". Welcome to corporate media propaganda.]

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[Multiple Linux and FreeBSD DoS Vulnerabilities Found by Netflix](#) [7]

- [SUSE addresses the 'SACK Panic' TCP remote denial of service attacks](#) [8] [Ed: There's already a name/brand, scary as usual ('SACK Panic?'), for a DDOS bug in Linux and BSD. Yes, DDOS.]

Security researchers from Netflix have identified three new remote denial of service attacks against the Linux TCP stack.

- [Sad SACK: Linux PCs, servers, gadgets can be crashed by 'Ping of Death' network packets](#) [9]

It is possible to crash network-facing Linux servers, PCs, smartphones and tablets, and gadgets, or slow down their network connections, by sending them a series of maliciously crafted packets. It is also possible to hamper FreeBSD machines with the same attack.

Given that Linux powers an incredible amount of stuff these days, anything from network or internet-connected TVs, routers, thermostats, light switches, CCTV cameras, and robot vacuum cleaners, to servers, PCs, Android and ChromeOS devices, smart fridges, dialysis machines, car infotainment systems, tractors, construction equipment, and uranium centrifuges, and so on, can be potentially brought to a halt by miscreants if vulnerable.

- [Linux PCs, Servers, Gadgets Can Be Crashed by 'Ping of Death' Network Packets](#) [10]

## Security

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**Source URL:** <http://www.tuxmachines.org/node/124985>

### **Links:**

- [1] <http://www.tuxmachines.org/taxonomy/term/59>
- [2] <https://www.techdirt.com/articles/20190617/08491442412/were-apparently-scanning-our-tvs-viruses-now.shtml>
- [3] <https://betanews.com/2019/06/17/microsoft-azure-exim-linux-worm/>
- [4] [https://www.theregister.co.uk/2016/11/28/microsoft\\_update\\_servers\\_left\\_all\\_azure\\_rhel\\_instances\\_hackable/](https://www.theregister.co.uk/2016/11/28/microsoft_update_servers_left_all_azure_rhel_instances_hackable/)
- [5] [http://techrights.org/wiki/index.php/Microsoft\\_and\\_the\\_NSA](http://techrights.org/wiki/index.php/Microsoft_and_the_NSA)
- [6] <https://duo.com/decipher/linux-worm-hits-unpatched-exim-servers>
- [7] <https://www.bleepingcomputer.com/news/security/multiple-linux-and-freebsd-dos-vulnerabilities-found-by-netflix/>
- [8] <https://www.suse.com/c/suse-addresses-the-sack-panic-tcp-remote-denial-of-service-attacks/>
- [9] [https://www.theregister.co.uk/2019/06/17/linux\\_tcp\\_sack\\_kernel\\_crash/](https://www.theregister.co.uk/2019/06/17/linux_tcp_sack_kernel_crash/)
- [10] <https://linux.slashdot.org/story/19/06/17/2018227/linux-pcs-servers-gadgets-can-be-crashed-by-ping-of-death-network-packets>