



REVIEWS

NEWS

VIDEO

HOW TO

SMART HOME

CARS

DEALS

DOWNLOAD

CULTURE

# How Pakistan knocked YouTube offline (and how to make sure it never happens again)

YouTube becoming unreachable isn't the first time that Internet addresses were hijacked. But if it spurs interest in better security, it may be the last.

BY DECLAN MCCULLAGH / FEBRUARY 25, 2008 4:28 PM PST



*BORDER GATEWAY PROTOCOL ATTACK —*

# Suspicious event hijacks Amazon traffic for 2 hours, steals cryptocurrency

Almost 1,300 addresses for Amazon Route 53 rerouted for two hours.

DAN GOODIN - 4/24/2018, 4:00 PM

# Memcached DDoS: The biggest, baddest denial of service attacker yet

Distributed denial of service attacks just got turned up to 11 with Memcrashed, an internet assault that can slam a website with over a terabyte of bad traffic.



By [Steven J. Vaughan-Nichols](#) for [Networking](#) | March 1, 2018 -- 23:38 GMT (15:38 PST) | Topic: [Security](#)

# Internet Has Fundamental Security Flaws



Control  
Plane

Routing

- Prefix hijacks
- Route detours



Data  
Plane

Forwarding

- Spoofed packets
- Unsolicited traffic

# Collaboration and Access

- Ongoing collaboration since 2011
- Strengthening ties

# PEERING AS 47065



-  University
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