

2007-08-26 Show Notes

<u>Offset</u>	<u>Topic</u>
00:17	<ul style="list-style-type: none">• Intro
	<ul style="list-style-type: none">• CopyNight on Tuesday<ul style="list-style-type: none">• I won't be there, packing for DragonCon• Still should check out local CopyNight• Dragon*Con 2007<ul style="list-style-type: none">• http://dragoncon.org• No show on 8/29 or 9/2• Maybe a show on 9/5, not sure what
02:56	<ul style="list-style-type: none">• Security Alerts
03:15	<ul style="list-style-type: none">• Debate over XSS flaw with Google hosted apps<ul style="list-style-type: none">• http://go.theregister.com/feed/www.theregister.com/2007/08/21/google_modules_security_debate/• Widget hosting domain• Trusted by Google's anti-phishing filter• An XSS flaw, any similar flaw like XSRF, allows exploit• Google's response is that this is not a flaw, despite demo• Researcher's concern goes beyond theft of Google cookies• Phishing has more to do with appearance than reality• Demo appears to legitimately come from gmodules domain• Raises questions of who is responsible when multiple sites, mashup services are involved• Encourages further questions of Google
05:38	<ul style="list-style-type: none">• Trojan breaches Monster<ul style="list-style-type: none">• http://go.theregister.com/feed/www.theregister.com/2007/08/21/monster_trojan_steals_millions_of_records/• Requires employer accounts that have already been breached• Trojan doesn't perform breach• Automates extraction of data• Seems to share code with an earlier trojan• Does propagate to stolen accounts, sending copy of binary• 1.6 million records estimated to have been stolen• No response from Monster, though Symantec has contacted• Best defense to keep info on such sites to a minimum• Don't open attachments if you are targeted by trojan sending itself onward• This one is tough because this is an essential type of service• Like government database, you cannot reasonably opt out
08:35	<ul style="list-style-type: none">• News
08:49	<ul style="list-style-type: none">• ISP claiming open source, net neutrality as value add

- <http://feeds.arstechnica.com/~r/arstechnica/BAaf/~3/145991894/meet-copowi-the-worlds-first-isp-to-guarantee-network-neutrality.ars>
- Copowi launched a few weeks ago
- Possibly a good example of a market response
- Do charge more but think customers will be willing to pay
- Service limited to the Western US
- Plan to go national, even international
- How do you verify the neutrality claims?
- Will this claim remain when their users start heavy bandwidth use, p2p, video?
- Important point, they don't own any copper
- In my experience, ISPs can do little when the last mile providers disagree
- This drives the price up more than anything
- \$33.95 for 256Kbps
- How is this any different than tiered pricing?
- If the telcos change their minds, what power does Copowi have?
 - Contracts, sure
 - How would they know?
- How will the grow with such higher rates? Doesn't bode well for national build out
- TOS really let Copowi wriggle out of upstream throttling
- Ultimately could drop guarantee
- Do show they are community to community goods
- Uses volunteers to keep cost down, liability issues?
- In practice sounds like a customer referral program
- Infrastructure built on open source, gives customers Ubuntu CDs
- Want them to succeed but skeptical
- Progress on making available case
 - <http://arstechnica.com/news.ars/post/20070820-foundation-on-which-riaa-builds-cases-in-danger-of-being-undermined.html>
 - Copyright law requires a specific act of infringement
 - RIAA's agent, MediaSentry, cannot prove this specifically
 - RIAA complaints speak to this, characterizing as continuing or ongoing
 - Implication of making available as distribution is chilling
 - Simple links could then be seen as distribution
 - Seven cases tested this
 - In six, judges avoided issue of association between making available, distribution
 - Elektra vs. Barker is the seventh, judge has promised to rule on the issue
 - A favorable ruling would kill the RIAA's basis for complaints

Offset	Topic
19:00	<ul style="list-style-type: none"> • A reasonable analysis of the issues that make Elektra vs. Barker important • Another discussion of leadership for hackers <ul style="list-style-type: none"> • http://www.codinghorror.com/blog/archives/000933.html • Following on from discussion of engineering discipline • Admits you cannot use an enforcer, like military discipline • Suggest you need a leader to negotiate consensus • Comments on another post the addresses challenge of not ending up an enforcer • Speaks to humility, discretion, credibility, focus on action • Corresponds well to leading by example • I agree, especially with actions as currency • Demonstrating an answer, providing a code example far better than any kind of discussion • Actually meshes well with my discussion from 1/31 • Spoke to some of the same issues • For a change, provides some recommendations for improvement • A couple of book recommendations
21:34	<ul style="list-style-type: none"> • Combining nanotechnology, neural networks for computing <ul style="list-style-type: none"> • http://feeds.arstechnica.com/~r/arstechnica/science/~3/146230313/computing-with-nanotechnology-may-get-a-boost-from-neural-networks • Nano on its own not suitable • Current CPUs are designed top down • Nano works best self assembled, bottom up <ul style="list-style-type: none"> • Like an FPGA, high performance and flexible • Random assembly makes functionality hard to predict, though • Not all elements may work the same, if at all • Could be programmed, but not easily or fast • Tools would map out defects, figure out how to implement logic <ul style="list-style-type: none"> • Functionality later may change, pieces may stop working • Time to characterize logic design is unknown, may be long • New research proposes use nano processor as a neural network • Overcomes previous limitations by salting elements <ul style="list-style-type: none"> • Neural networks don't work well with purely linear elements • Doesn't take many non-linear elements to make workable • Self assembly would seem advantageous, ensure distribution • Interaction of two kinds of elements can allow routing around failed elements • Device would self learn, avoid much overhead of characterization
25:41	<ul style="list-style-type: none"> • <code>tail -f</code>
26:01	<ul style="list-style-type: none"> • LJ creator talks about road to open social networks

Offset

Topic

28:32

- <http://feeds.wired.com/~r/wired/topheadlines/~3/146726716/brad-fitzpatric.html>
- Reinforces what many are saying
- Lays out a constructive plan
- Claims to have some of the pieces working
- Most realistic view, doesn't think one exchange format will work
- Networks will have to support many
- There will always be holdouts
- Actually wants to be an aggregate, free, open, to help enable
- Focus on public data, first, to get most of the way
- Private data can be done later, no harm done
- This is as good a plan as any
- More practical than most, least threatening to "walled gardens"
- ES&S provided non-certified e-voting machines to CA
 - <http://techdirt.com/articles/20070821/191429.shtml>
 - Also discovered time stamping that allowed recovery of votes
 - In the last CA election, sold uncertified machines to five counties
 - One model was certified, sold uncertified model
 - 1000 units, \$5M worth of hardware
 - Automark Phase 2 Model A200 never submitted for certification
 - CA looking to fine vendor
 - Up to \$10K per unit, plus original \$5M
 - Public hearing, September 20th
 - Many other complaints
 - Refused to turn over sources
 - When did, send nastygram
 - Used in FL where votes went missing
 - Also, just discovered failed to disclose foreign manufacturing partners
 - Requirement of certification
 - Luke warm response as if this is no big deal

32:04

- **Outro**
 - Contact me
 - Email to feedback@thecommandline.net
 - Web site at <http://thecommandline.net/>
 - IM to command.line@skype
 - Listener comment line is 360-252-7284
 - del.icio.us tag is "for:cmdln"
 - <http://twitter.com/cmdln>
 - I'd like to thank libsyn.com for AAC hosting and Wouter de Bie for MP3 hosting

Offset**Topic**

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