

WebWise Security

CS189B Project Pitch

iKeepInTouch

- Many communication means
 - Twitter, email, text, ext
- Many friends
- How can one make sure he's not neglecting his/her friends?
- Define a “keep in touch” policy
- Monitor communication means
- Suggest next communication

iKeepInTouch

- Web site stores user preferences, collects events
- Apps/plugins installed on iPhone, Android, Facebook, mail client, browser, etc. monitor events
- User go to page and sees whom he should be talking to next

The Last Line of Defense

- Reverse firewall application
- Monitors outgoing connections to identify compromised computer connecting to “bad hosts”
- Currently has web interface only
- Need for an iPhone interface to provide have ubiquitous access to data

Threat Report

[< Last report](#)

Filter

Start Time		End Time		Installation Key	
2010-12-29 08:59:05		2011-01-05 08:59:05		RNZKT5688W6VTSHRJ5SE	
Src IP	Src Port	Dst IP	Dst Port	Threat Entry	
*	*	*	*	*	

Limit: Page: Display: [Entry] [Source] [List] [Filter](#) [Reset](#)

[<Previous](#)

Showing records 11-20 of 125 (20000 entries)

[Next>](#)

Threat Entry			Period	Events	Sources ↑	Threat	Class	Rank
uselounge.com			2010-12-30 23:27:44 → 2011-01-04 15:00:25	20	7	Generic Troj...	command&control	50
www.onlinevegas.com *			2010-12-30 23:54:45 → 2011-01-03 20:52:32	28	6	Generic Adwa...	adware	25
weight-software.com			2010-12-30 23:27:36 → 2011-01-04 15:00:12	18	6	Generic Troj...	command&control	55
tagshare.in			2010-12-30 23:27:36 → 2011-01-04 15:00:11	18	6	Unknown HTTP...	command&control	70
upgrade.wyke.com *			2010-12-29 17:47:13 → 2011-01-04 19:59:40	30	5	Zwangi	browser enhancer	24
uploadpic.org *			2010-12-30 11:24:19 → 2011-01-04 04:20:43	26	5	Heuristics	command&control	40
labelmelody.com			2010-12-30 23:27:38 → 2011-01-04 15:00:17	10	4	Generic Troj...	command&control	55
gomer.wakechao.com *			2010-12-31 12:40:45 → 2011-01-04 19:57:41	10	4	Dialer	command&control	70
checksystemcenter.com *			2011-01-01 12:30:26 → 2011-01-02 12:03:26	20	4	Generic Fake...	fake-av	32
ayb.dns-look-up.com *			2010-12-31 09:36:19 → 2011-01-04 08:00:55	10	3	Generic Adwa...	adware	25

iPad Interactive Book Making

- Simple, usable interface to create interactive books for the ipad
- Targeted to baby/toddler book writers/parents
 - Also can be used by teen (and adults)
- Provides only basic features
 - Text box
 - Background page (prev-next)
 - Animated objects (touch-moves, touch-drag)
 - Sounds (associated with prev, next, press, drag)

Paranoya

- Simple system that routinely scans the net for information about you
- What would a stalker see?
 - Google/bing searches
 - Background services (free info, paid)
 - Credit check services
 - Facebook searches
 - Public docs/registry
- Web site is subscription based (\$\$\$?), and requires cell-phone to prevent actual stalking