

2006 International Capture the Flag (iCTF)



December 8th, 2006. Each year, the University of California at Santa Barbara (UCSB) hosts the International Capture the Flag (iCTF) competition, a global, Internet hacking event for academia. The goal of this competition is to bring diverse students together, test their Internet attack/defend skills, and build international camaraderie. This year, Georgia Tech's iCTF team, **int80**, scored 2nd in the U.S. and 5th in the World among 25 universities in the USA, Germany, Austria, Australia, France, Italy and Russia.



During this 11 hour tournament, an identical server image is distributed to each team. This image and it's services are unknown until competition day. This year's image, contained a number of vulnerable services, comprising a fictitious online banking system. The goal of each team was to protect their bank by hardening their services, increasing their assets by hacking into other competitors banks and stealing money. Points were awarded for both fending off attacks as well for stealing cash.

Common applications and appliances used in this competition include, intrusion detection/prevention systems (IDS/IPS), firewalls, sniffers, scanners, as well as log analysis, static and dynamic code analysis of binaries and source code, scripting, and common network administration.

Int80, Georgia Tech's iCTF team, is comprised of a talented group of graduate and undergraduate students from the College of Computing and the School Electrical and Computer Engineering.

INTERESTING STATISTICS:

- At the end, 13 teams had more money that at the beginning of the game, 12 had less.
- Only 5 teams were able to steal more than the amount of money they were robbed.
- Best attacker: We_own_Y0u (hacked 7/8 services)
- Biggest robbery: **int80** discovered a weakness in our architecture and was able to steal more than 1.3M dollars in a single round.
- In the first 10 positions we have 5 teams from the USA, 4 from Germany, and 1 (the winner) from Austria.

RANK	TEAM	LOCATION	UP-TIME	\$\$ STOLEN FROM OTHER TEAMS	\$\$ STOLEN BY OTHER TEAMS
1	We_own_Y0u	Technical Univ of Vienna, Austria	56%	(BEST) 11,978.624	1,823.140
2	Wizards of DoS	Darmstadt Univ of Tech, Germany	54%	10,157.428	3,098,266
3	WCSC	Univ South Florida, Tampa, FL, USA	(BEST) 66%	9,724.601	3,659.122
4	Old Eur0pe	RWTH Aachen Univ. Germany	57%	8,702.988	3,402.362
5	int80	GA Tech, Atlanta, GA	44%	0	1,463.901
6	CInsects	Univ of Hamburg, Germany	37%	2,661.934	1,805.152
7	Emanaton	UC Santa Barbara, USA	26%	884.063	961.434
8	ENOFLAG	Technische Univ Berlin, Germany	50%	118.249	1,838.829
9	pwnshop	Polytechnic Univ, Brooklyn, NY, USA	43%	566.789	2,582.299
10	f0gd0gs	Naval Postgraduate School, Monterey, USA	30%	21.401	1,769.886
11	Miner's Threat	Univ North Carolina, Charlotte	57%	426.900	3,168.456
12	Blue Blood Alpha	Penn State Univ, USA	0%	0	0
13	m4d c0wZ	Univ California at Davis, USA	0%	0	0
14	NUCIA	Univ of Nebraska, Omaha, USA	12%	19.427	728.439
15	UC Lions	Univ of Colorado at Colorado Springs, USA	2%	0	325.825
16	The Tower of Hanoi	Politecnico di Milano, Italy	38%	353.281	2,517.763
17	Celafotrap	UT at Austin, USA	30%	360.909	1,939.052
18	SigMil	Univ. Illinois Urbana-Champaign, USA	3%	0	379.276
19	HackerDom	Ural's State Univ. Russia	66%	0	(WORST) 4,135.668
20	Red Cops	Supelec, France	43%	20.000	2,626.070
21	Cheddar Horsemen	Queensland Univ of Tech, Australia	21%	366.021	2,161.466
22	Chocolate Makers	Universita' degli studi di Milano, Italy	30%	77.468	2,437.884
23	Squareroots	Univ of Mannheim, Germany	32%	716.959	1,230.213
24	DotF	Univ of Regensburg, Germany	53%	410.799	2,581.105
25	W0lfH4ck3r5	NC State Univ, USA	15%	0	932.233

