Perl is for pwn!

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YAPC::Russia 2012

Hello

- Sergey Romanov
- Do Perl for fun (also, for living)
- Like alpacas

CTF
Participant side
Organizer side

What's it all about
Task-based CTF
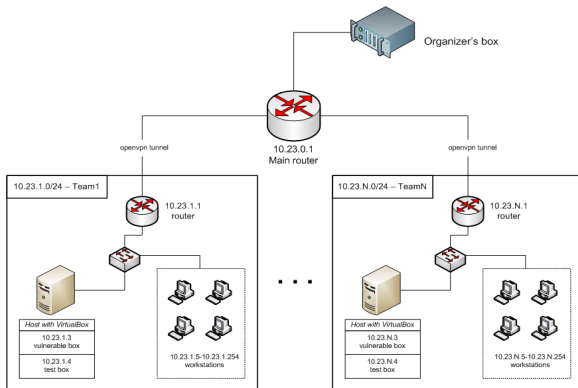"Classic" CTF
Okay, we get it

Wiki says that...

- Capture the Flag (CTF) is a computer security wargame
- CTF was popularized by the hacker conference DEFCON
- Two basic types of competition

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Find the key

- Teams should solve tasks get points
- Different categories: web, reverse, packet analysis, admin, ctb (crack-the-box), cryptography etc etc
- Quals are usually task-based

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Steal the flag

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How about Perl?

- Perl is used during CTF game _heavily_

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- But we'll concentrate on Perl

CPAN & beyond

- /usr/bin/lwp-*
- /usr/bin/md5pass

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- /usr/bin/lwp-*
- /usr/bin/md5pass
- find out yours: **grep '/usr/bin/perl' /usr/bin/***

Gort, Klaatu barada...

Nikto2

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- Web server scanner
- Based on libwhisker2 by rain forest puppy (rfp)
- http://cirt.net/nikto2

Exploitfarm

- Written at Hackerdom (USU, Ekaterinburg)
- Automate process of collecting flags and submitting them to jury check system.
- http://code.google.com/p/exploitfarm/

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Tasks
Services
Check system

Demo

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Complex system for CTF-style contests

- Written by Lexi Pimenidis, RWTH Aachen
- Gameserver, the Submitserver, and the Scoreserver
- Was used at CIPHER, op3n, UralCTF etc

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Thank you!

PS: DEFCON XX Quals start 2 Jun 2012! Join!