

2013 IT-OLYMPICS

CYBER DEFENSE

Red Team Debrief



PASSWORD CRACKING ON THE CYSTORM

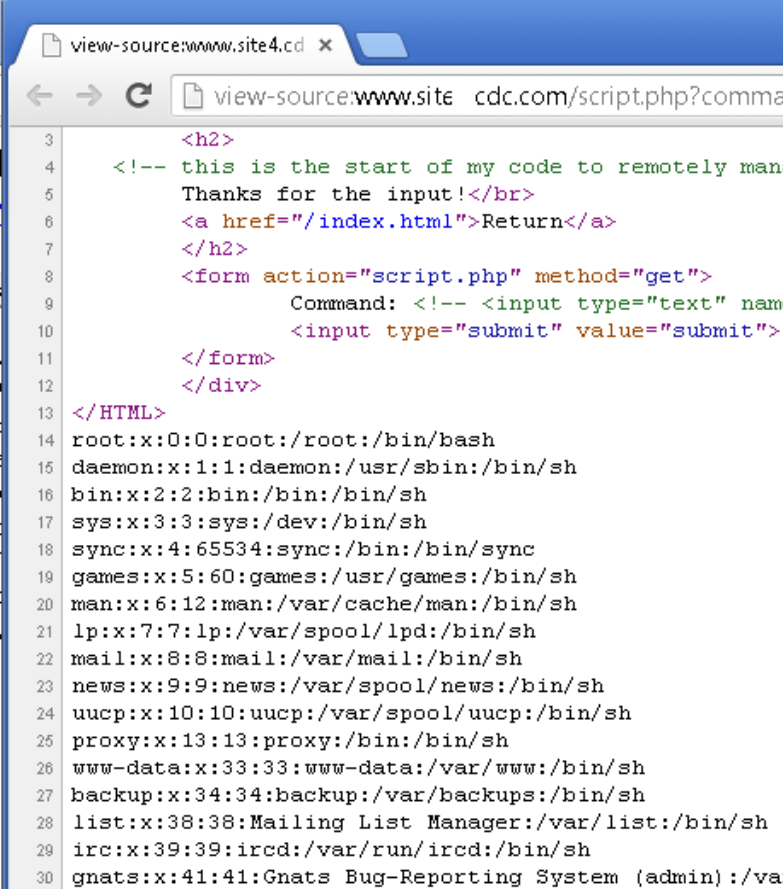
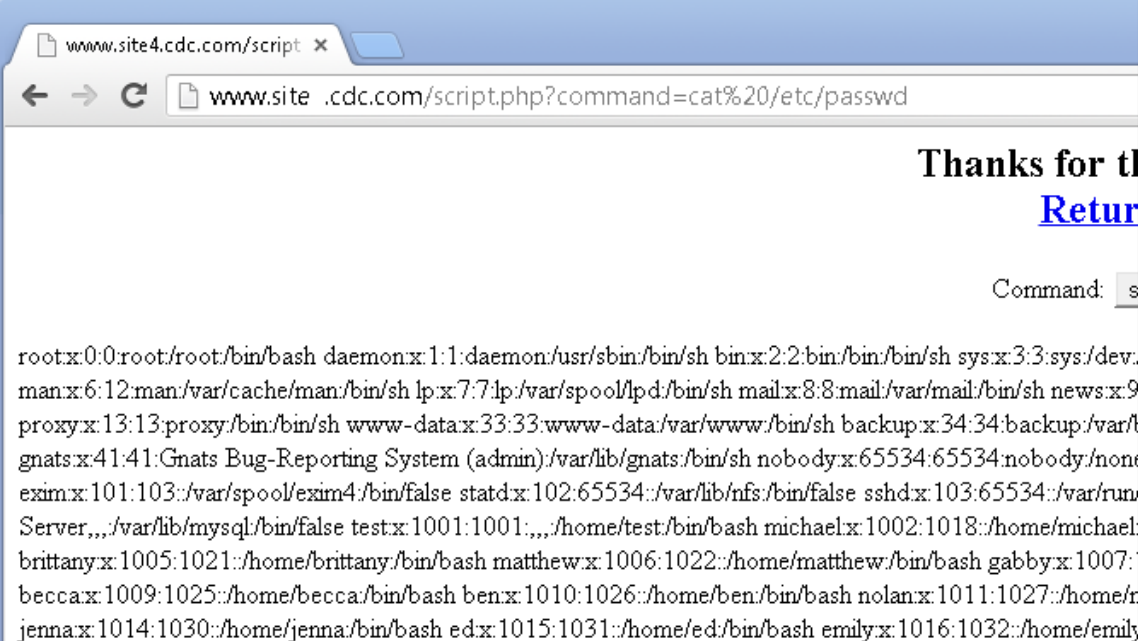


ACES SERVER CAUGHT TEAMS UNPREPARED

- <http://ace.site1.cdc.com/~jeff/.c99.php>
- Default usernames and passwords
- Typically we would log in as a user (“michael”), and su to “toor”, a root user with no password
- Root has an authorized key in `/root/.ssh/authorized_keys`
- A check over the users on the box, paired with some software updates and more appropriate Apache settings, would be enough to keep this system secure.

WEB SERVER

- You can run arbitrary commands on the web server with script.php
`www.siteX.cdc.com/script.php?command=cat%20/etc/passwd`



WEB SERVER

- `http://www.siteX.cdc.com/script.php?command=cat%20/var/lib/mediawiki/images/3/33/Company_credit_cards.txt`
 - MySQL often open to root user with no password
 - Allows us to read files, get database contents
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FIRE DRILL

- Open consoles
- Left-out papers and password lists
- Even a physical keylogger!

IN THE END

- Very strong security across most of the teams
- Need more attention on usability!!!