

13
Trackers
Adobe Audience Manager
Adobe Dynamic Tag Management
Amazon Associates
DoubleClick
Google Analytics
Google Publisher Tags
Index Exchange (Formerly Casale Media)
New Relic
Outbrain
Parse.ly
Rubicon
ScoreCard Research Beacon
Yieldbot

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RISK ASSESSMENT —

As we speak, teen social site is leaking millions of plaintext passwords

i-Dressup operators fail to fix bug that exposes up to 5.5 million credentials.

DAN GOODIN - 9/26/2016, 11:20 AM



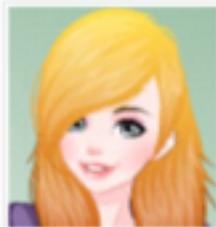
Games My iZone Shops Contests Events Design Music&Art Community

Love Fashion, Find Inspiration, Discover Creativity!

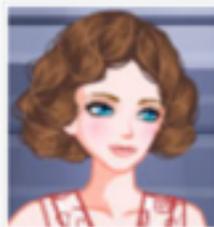
GAMES



Knee High
Accessories, Socks



Bell Bottom
Pants



Embroidered Blouse
Blouse, Embroidery



Tropical Trip
Travel



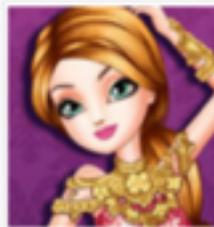
Slouchy Tees
Fashion, Tees



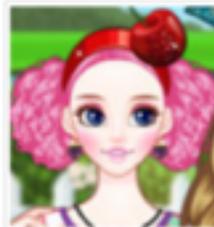
Barbie Arabian
Barbie, World



Anchor Prints
Prints, Anchor



Holly O
Diva



Fruity Girls
Dressup



Belted Floral
Floral, Dresses



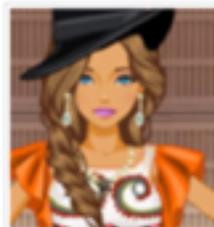
Silk Scarf
Scarf, Dresses



Snow White
Princess



Funky Lips
Girls, Makeover



Horse Printed
Dresses, Prints



Floral Motifs
Floral, Gowns

63

A social hangout website for teenage girls has sprung a leak that's exposing plaintext passwords protecting as many as 5.5 million user accounts. As this post went live, all attempts to get the leak plugged had failed.

Operators of [i-Dressup](#) didn't respond to messages sent by Ars informing them that a hacker has already downloaded more than 2.2 million of the improperly stored account credentials. The hacker said it took him about three weeks to obtain the cache and that there's nothing stopping him or others from downloading the entire database of slightly

more than 5.5 million entries. The hacker said he acquired the e-mail addresses and passwords by using a [SQL injection attack](#) that exploited vulnerabilities in the i-Dressup website.

The hacker provided the 2.2 million account credentials both to Ars and breach notification service [Have I Been Pwned?](#) By plugging randomly selected e-mail addresses into the [forgotten password section](#) of i-Dressup, both Ars and Have I Been Pwned? principal Troy Hunt found that they all were used to register accounts on the site. Ars then used the [contact us](#) page on i-Dressup to privately notify operators of the vulnerability, but more than five days later, no one has responded and the bug remains unfixed.

It's only the latest mass leak to expose plaintext passwords in recent days. As [Ars reported two weeks ago](#), plaintext passwords, usernames, e-mail addresses, and a wealth of other personal information were recently published for more than 2.2 million people who created accounts with online survey website ClixSense. The hackers who dumped the collection claimed to have data for a total of 6.6 million accounts and were offering to sell the unpublished 4.4 million entries.

FURTHER READING

6.6 million plaintext passwords exposed as site gets hacked to the bone

i-Dressup [bills itself as a secure site](#) that goes out of its way to protect the privacy of its users, particularly those who are under the age of 13 years old. But those assurances don't hold up to even casual scrutiny. It's bad enough that a SQL-injection vulnerability that dumps passwords remained unfixed even after it was privately reported. It's even worse that the database contained plaintext passwords. Industry standards dictate that passwords be converted into a cryptographic hash that requires an attacker to spend time and computing resources to restore to a human-readable form.

Anyone who had an account on i-Dressup should strongly consider closing it. Users should also be on the alert for scam e-mails that make use of the data. Users should change passwords on any other websites that used the same or similar credentials.

FURTHER READING

The secret to online safety: Lies, random characters, and a password manager

DAN GOODIN

Dan is the Security Editor at Ars Technica, which he joined in 2012 after working for The Register, the Associated Press, Bloomberg News, and other publications.

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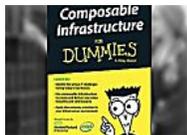
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