

# IT UNLIMITED MAGAZINE

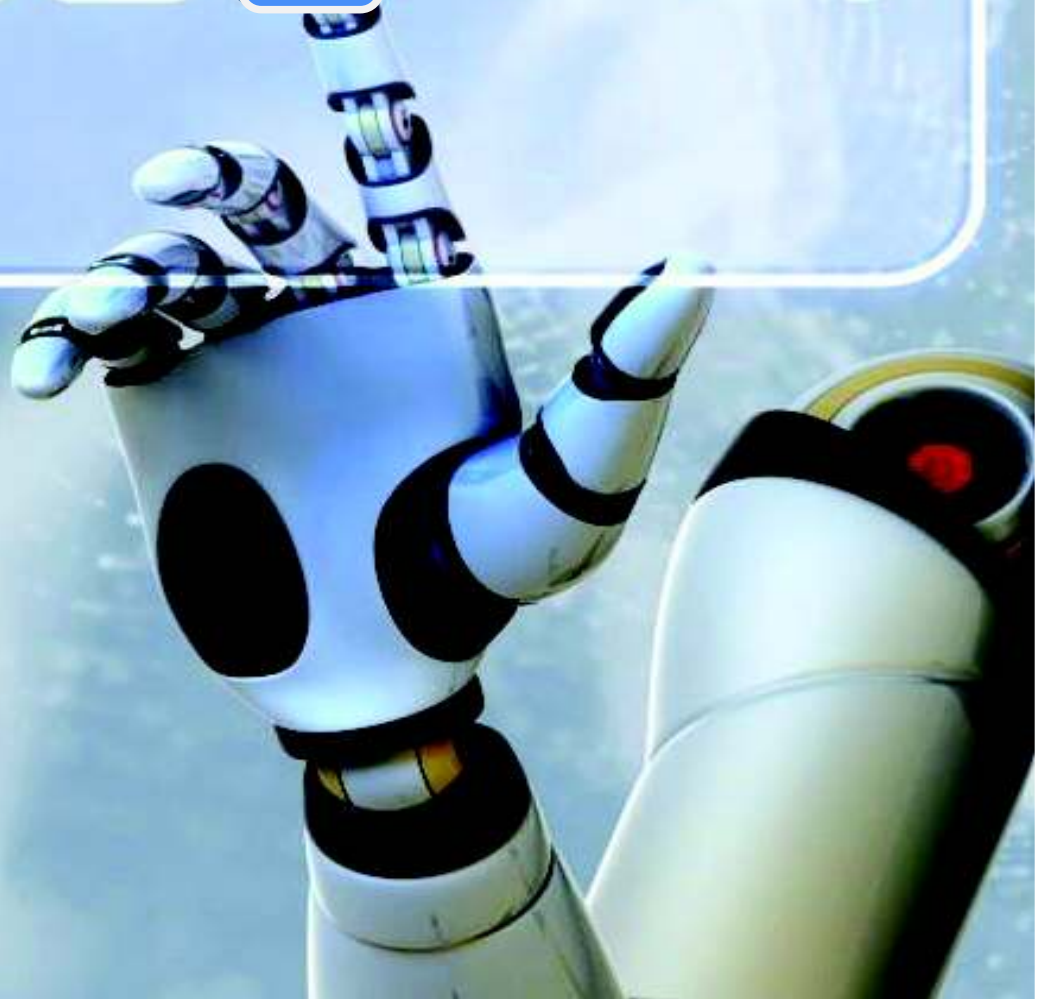
A BI-MONTHLY ZONAZA BY STUDENTS



JUNE-JULY '15

# 55<sup>TH</sup> ISSUE

CYBERCREWS



**KONGU ARTS AND SCIENCE COLLEGE**

**(AUTONOMOUS)**

**NANJANAPURAM, ERODE**

**DEPARTMENT OF COMPUTER SCIENCE (UG)**

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Stepping to

Issue

Number

55

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# INTERVIEW PEDIA



## PART- 3

In this Issue also, we are going to still continue on the Numerical reasoning. Here are some more tips....

### **Time allocation for numerical reasoning question**

For numerical reasoning questions, have a quick look ahead at the next few questions to see how many questions a figure applies to. It is common for one figure to apply to three or four questions, in which case it is worth investing time to absorb what the data is telling you before launching into the first question. Then on each question, you can refer back to the data but at least you know where to look and what you are looking at.

A typical example of time allocation for a set of three questions might be:

- 3 seconds scanning ahead to see how many questions the figure relates to
- 15 seconds studying and absorbing the graph/table/data
- 10 seconds reading and understanding the first question
- 50 seconds answering the question and quickly referring back to the data
- 10 seconds reading and understanding the second question
- 50 seconds answering the question and quickly referring back to the data

Likewise do a plan for all the questions.

### **Financial Times graphs**

It's important to be able to quickly digest and interpret presented data such as graphs, histograms and tables.

One of the ways you can improve your speed in an aptitude test is by reducing the time it takes you to take in the information presented in the numerical reasoning questions. You will soon find it second nature to check what the axes are and in what scale, check if the graph has been rebased or not, check if numbers are given in different units, and check what is an estimated projection compared with what are recorded values.

All these things help you to quickly answer numerical reasoning questions, and you can improve your data interpretation skills by reading figure-based news in for example The Economist or the Financial Times. You can also use the data in the pages of these publications to practice converting from one currency to another, which is commonly comes up.



The world's first computer called Z1, was invented  
bt Konard zeus in 1936.

1

## Human error

When performing calculations in your calculator(if provided/allowed), for example summing a long list of numbers, read the numbers directly from the monitor screen/test paper instead of your rough working. It is easy to misread your scribbles. Also it cuts out one opportunity for human error (the incorrect writing down of numbers onto paper).

## Percentage increases and decreases

One of the most common areas of confusion and sources of mistakes, in numerical reasoning questions, understands how to apply percentage calculations to information given in a question. It is essential to understand whether you are being asked to work out a percentage change from A to B or if it's from B to A. This will determine whether the correct calculation is  $A \div B$  or  $A \times (1-B)$ . Let's consider two examples.

### Example 1:

"In 2009 sales were £1,000, which was an increase of 10% from sales the previous year. What were the sales in 2008?"

Essentially we need to solve the following problem:  $? \times 110\% = £1,000$ . So the calculation is  $? = (£1,000 \div 1.1) = 909.091$ . Why is it not  $£1,000 \times 0.9$ ? Because that would be a decrease of 10% applied to £1,000, not an increase of 10% applied to an unknown number. Let's consider a second similar question.

### Example 2:

"In 2009 sales were £1,000. If in 2010, sales decrease by 10%, what would be the sales in 2010?"

Since this is a decrease of 10% from one number to another, we start with the reference number and multiply by  $(100 - 10)\%$ . So in this second example, the correct working is  $£1,000 \times 0.9 = £900$ .

Remember that it is all in the wording of the question. Understand what the starting number is and understand what the end number is.

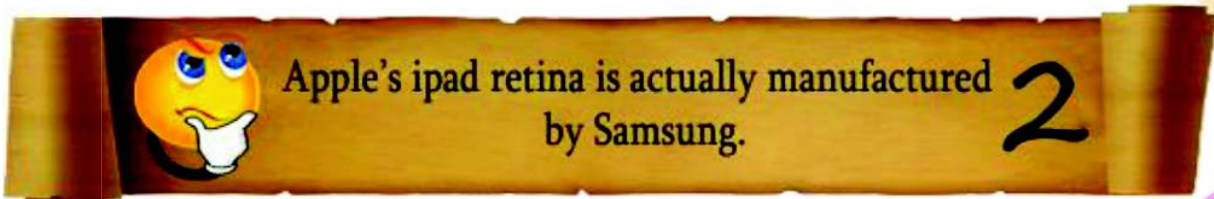
**NOTE:** These solutions are a short-hand way of calculating percentage changes. Let's say we want to find the percentage change from 500 to 600. The long-hand way is to find the absolute difference  $(600 - 500 = 100)$  and then divide by the starting number. So we would have  $(100 \div 500) \times 100 = 20\%$ . This calculation actually simplifies down to  $600 \div 500 = 1.2$ , which we know is a 20% increase.

That's about three and a half minutes to answer three questions, which is about right for a typical set of three numerical reasoning questions.

**Come over the test of 'Aptitude' with a positive 'Attitude'.**

Meet you all in the next issue.....All the best!

Prepared by Staff-Editor



# Apple Mining Big Profits from Watch and Spare Bands

Nearly 20 percent of Apple Watch buyers are not only shelling out hundreds of dollars for the timepiece but are springing for a spare band too, giving the tech giant a profitable second dip into customers' wallets, according to data provided exclusively to Reuters.



The data from Slice Intelligence, a research firm that mines email receipts, offers a rare window into the money-making potential of Apple's first brand-new product under CEO Tim Cook.

The ever-secretive company has yet to release how many units of the watch it has sold, let alone how profitable it is. Slice estimates the company has sold 2.79 million as of mid-June. But if the band purchases are any indication, sales of the watch itself are just the beginning of Apple's profits.

Although the entry level sports band retails for \$49 (roughly Rs. 3,130), it costs only about \$2.05 (roughly Rs. 130) to make, according to an analysis of the 38-millimeter size by IHS, a technology research firm.

The estimates do not include expenses such as packaging and shipping and may not capture the full cost of the material Apple uses to make the band, said analyst Kevin Keller of IHS.



TYPEWRITER is the longest word that can be made  
using one row of the keyboard.

3

With the watch, Apple has put a high-tech spin on the razor-blade business model, in which a company sells a product for a modest price and then profits from sales of accessories.

Slice says its data lines up closely with information from the Department of Commerce as well as Amazon sales data. The black sport band is the most popular choice for both the band that comes with device and extras ordered by consumers. But the \$149 (roughly Rs. 9,500) Milanese loop is the second-most popular second band, suggesting many consumers are pairing a practical sport band with a more luxurious option to make the watch more versatile. People are trying to get two watches in one.



The entry level Apple Watch sport model - which starts at \$349 (roughly Rs. 22,300), has been the most popular among early shoppers, according to data from Slice. But an extra band which fetches as much as \$149 for the quilted leather loop and \$449 (roughly Rs. 28,700) for the stainless steel link bracelet can raise the cost considerably.

The popularity of spare bands suggests some consumers may be spending more on the Apple Watch than they intended.

It's just a psychological thing. He starts with the least investment, and then he spends more money, but he gets something else.





# BitTorrent Shoot App Lets You Easily Share Files Using QR Codes

BitTorrent has introduced a new app that lets you easily share files such as images or large videos with other mobile devices via QR code scanning.

The Shoot app by BitTorrent is now available to download via Google Play, App Store, and Windows Phone store.



With the Shoot app, users will get their first three sends free. An in-app purchase is however required to enable unlimited sending. The app listing clarifies users can receive items for free.

Shoot is powered by BitTorrent Sync's peer-to-peer technology, so large items are no problem. Files move directly between people without going through the cloud and your data remains completely private.



IMDb is one of the oldest website on the internet.  
began on usenet in 1990.

5

Users can send large photos or videos via Shoot by simply selecting images and videos stored on the device from the app and tapping 'Send' button. A QR code will be generated which can allow the content to be shared between mobile devices.

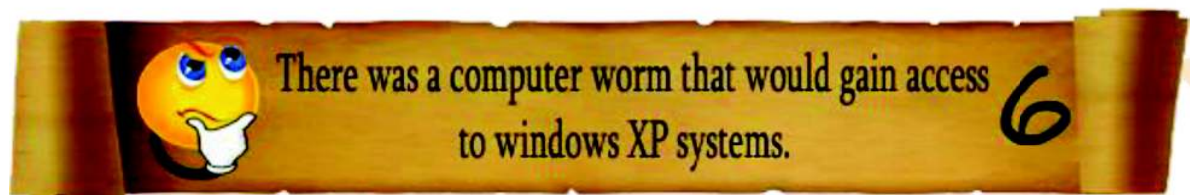
Erik Pounds, BitTorrent Sync's VP of product management talking about the new Shoot app told Venture Beat, "If you've ever experienced a situation where you're on iOS and a friend next to you has an Android phone, sending something like a big batch of photos or a long video is a challenge.

We based the use case around spontaneity: You could be at a concert with friends, recording a video; on vacation with your family, taking tens/hundreds of pictures; maybe at a birthday dinner, capturing a group serenade.

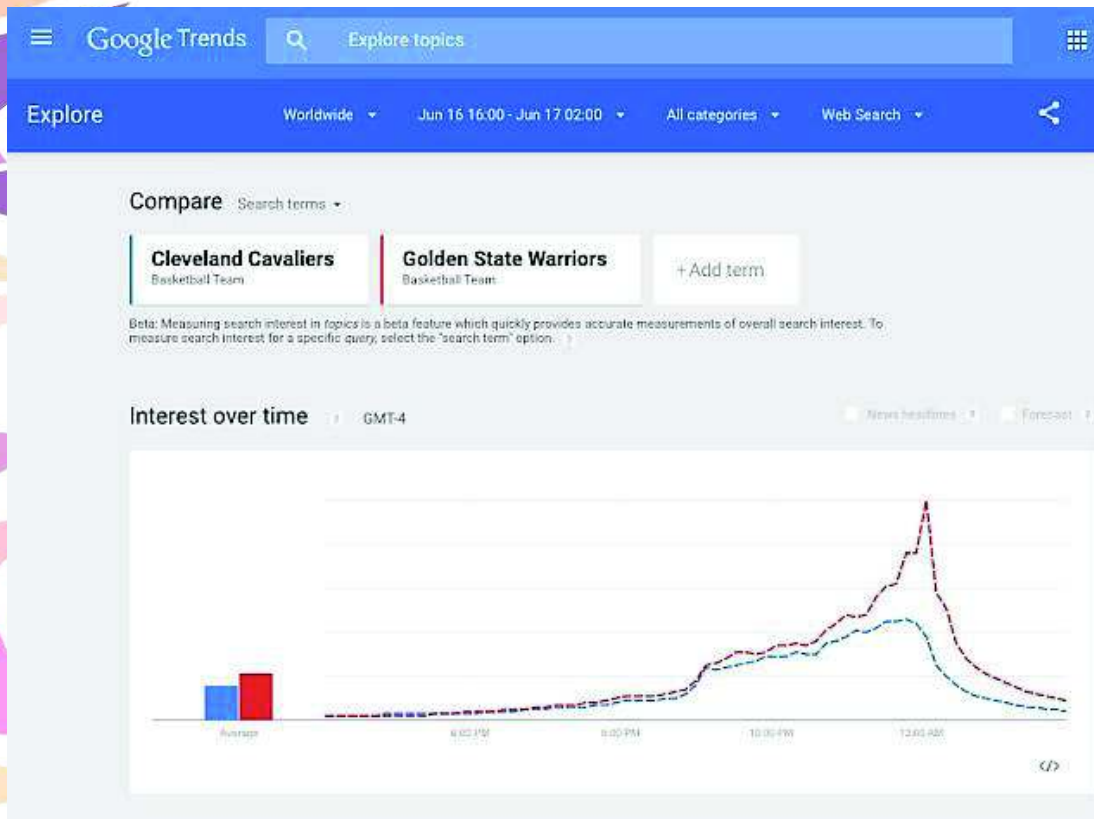


Notably, this is the first time where BitTorrent is offering a mobile app with in-app purchases.

It will be interesting to see how BitTorrent's Shoot app does in a market where there are popular Wi-Fi direct share apps such as SuperBeam, which offers free content sending and receiving feature.



# Google Trends Now Includes Real-Time Data in Its Biggest Update Since 2012



Google has updated its Trends service, giving users access to real-time data. The search engine giant says other new features include a revamped, story-centric homepage and curated data sets.

The Mountain View firm's News Lab team in a blog post on Wednesday said the update to Google Trends is the biggest expansion since 2012, and helps users get a better sense of what stories people are searching for.

Google adds the changes it has introduced to Google Trends are based on the feedback it has received from "hundreds of journalists and others around the world."



CAPTCHA is an acronym for "computer automated public turning test to tell computers and humans apart".

7

Google added, "Whether you're a reporter, a researcher, or an armchair trend-tracker, the new site gives you a faster, deeper and more comprehensive view of our world through the lens of Google Search."

The firm says with the real-time data now introduced in Google Trends, users will be able to glean data from the roughly 100 billion searches its processes each month, and adds that users can now set custom data and time filters within the past week.

Google Trends' new story-centric homepage, which features a ranked and real-time list of trending stories, is currently available in 28 countries around the world including India. The firm will add more locations in the "coming months".

Adding trend data from YouTube and Google News, the search engine giant says the "breadth and coverage" of Google Trends has been increased to provide more data on more "more niche topics in smaller geographies."

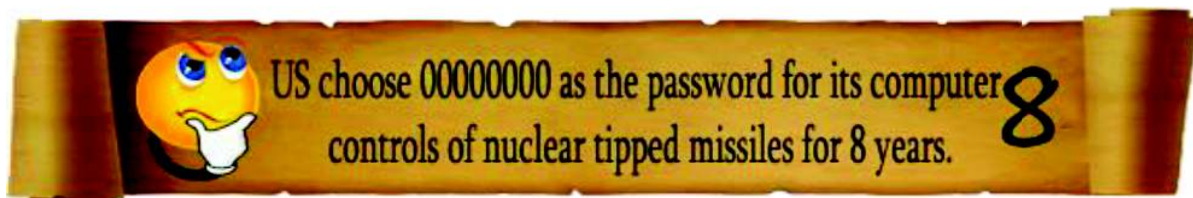
## Google Trends Datastore

Download and play with key datasets from Google Trends, curated by the News Lab at Google team.  
Click on a CSV name to download it — and let us know what you do with it by emailing us.

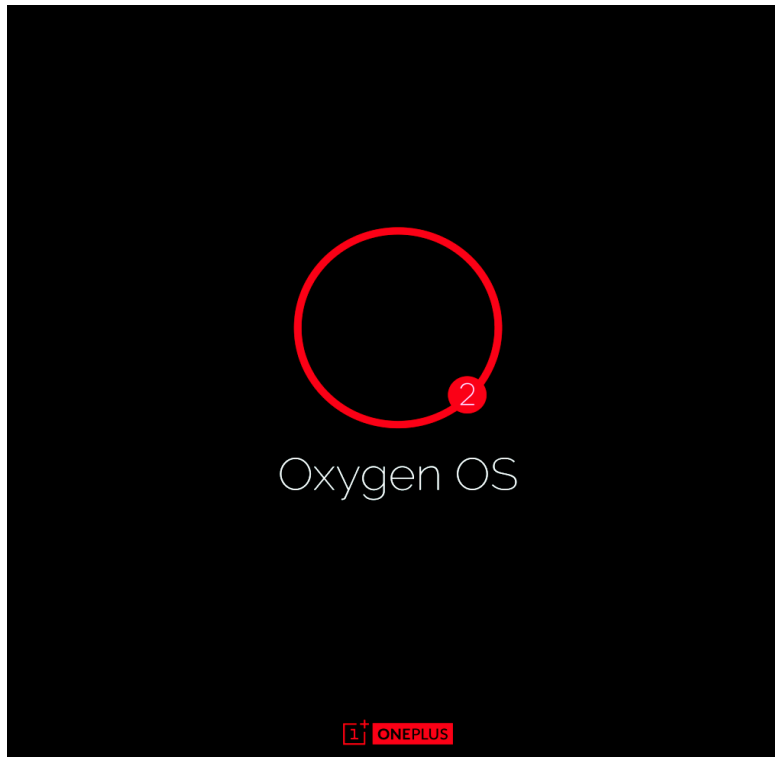
[View on GitHub](#) [Explore Google Trends](#) [@GoogleTrends](#) [What is the News Lab?](#) [Email us](#)

Subject:	Coverage:	From:	To:	
all	all			
title	date	coverage	subject	link
MERS vs. Ebola, search interest by month	6/11/2015	World	MERS, Ebola	<a href="#">Download</a>
Copa America Teams: most searched	6/11/2015	World	Copa America, Soccer, Sports	<a href="#">Download</a>
Grexit searches by country	6/8/2015	World	Greece, Grexit, Politics	<a href="#">Download</a>

Google says its News Lab team examines trending topics every day and posts its analysis of trends that stood out as curated data sets. For data journalists specifically, Google says from Wednesday it will be publishing data sets on specific topics to its Github page.



# OnePlus 2 Confirmed to Sport Snapdragon 810 v2.1 that's 'Cooler than Ever'



OnePlus has finally announced it would be using the Qualcomm's top-end mobile processor, the Snapdragon 810, in its upcoming OnePlus 2 Smartphone.

The Chinese startup is however using a newer version of the SoC, to avoid the heating issues involving the first generation Snapdragon 810.

The firm in its blog post addressed the overheating issue of Qualcomm Snapdragon 810 and said it is using a new version of Snapdragon 810, v2.1, which puts an end to any anticipated heating problems in the OnePlus 2.

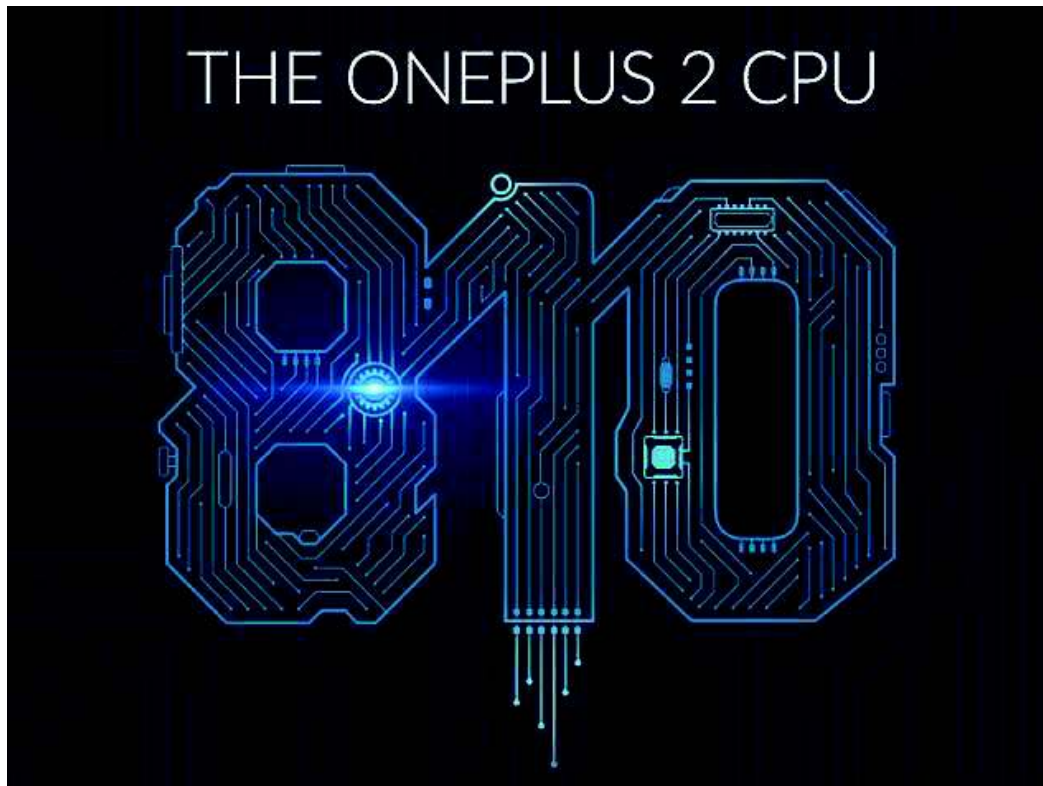
Although there have been reports that the 810 runs warmer than its predecessors, we assure you that we have taken all the necessary precautions and beyond to prevent this from occurring in the 2.



The first computer programmer was a female,  
named Ada Lovelace.

9

We worked very closely with Qualcomm's engineers to integrate an improved version of the chipset (v2.1) in the OnePlus 2, and fine-tuned both hardware and software. The 2 will be 'cooler than ever'. The Chinese Smartphone maker explains that the Snapdragon 810 v2.1 processor is layered with thermal gel and graphite placed at different areas inside the handset. The graphite layer's work here is to dissipate heat evenly



Xiaomi, another popular Chinese Smartphone maker last month said it had worked with Qualcomm to create a customized v2.1 of the Snapdragon 810 processor, or the third edition of the SoC, to optimize it for the Mi Note Pro.

Qualcomm's Snapdragon 810 processor was announced back in April last year. It has been in the news about overheating and other issues as far back as December, a month before it was launched in its first phone - the LG G Flex2 at CES 2015. Qualcomm since that time has done its best to rubbish reports, but LG itself accepted the issue but said it had tweaked the SoC to resolve the issue before bringing it into the G Flex2.



# OS X and iOS 'XARA' Security Flaws Allow Attackers to Steal Saved Passwords



A team of security researchers has released information detailing a combination of exploits that would allow anyone to steal passwords that a user has stored in his or her iCloud Keychain and intercept data being shared between apps. The flaws relate to unauthorized cross-app resource access (XARA) as a result of using inadequately secure coding techniques, and affect both iOS and OS X.

The six researchers say they informed Apple of the problem six months ago and are releasing the information now because no fix has been forthcoming despite promises from the company and at least some contact during that time.

It is extremely likely that attackers will jump at the opportunity to use this information to craft deadly and undetectable new ways of stealing passwords and other sensitive data.



The first windows virus was called  
winver 1.4.

11

As reported by The Register, the team was able to demonstrate working attacks that involved submitting apps to the Apple App Store, in which code designed to exploit the weakness, was not detected. They were then able to steal passwords including those to email accounts.

According to the team, 1,612 popular apps were tested and 88.6 percent of them were found to be vulnerable to XARA attacks.

Google Chrome, Facebook, WeChat and Evernote were amongst the popular apps specifically named by the team, to which they were able to gain access because of insecure cross-app sharing mechanisms. Even banking sites visited from within Chrome could be broken into once credentials were stolen.



Details are available in the paper titled Unauthorized Cross-App Resource Access on Mac OS X and iOS, which has been published online for anyone to see. Videos demonstrating potential attacks have also been uploaded to YouTube. According to the team, Apple had asked for six months' time to issue a fix, but despite there being some evidence that the company has been tweaking its security mechanisms; there has been no concrete solution. App developers will also have to make sure they are using best practices in order to keep users safe.

Apple is widely known for restricting apps on its platforms, especially the way they communicate with each other, in order to make sure there are secure barriers between them. Some of the flaws collectively being referred to as XARA also affect other platforms, particularly those on which URL schemes and HTML5 WebSockets are used to pass information between apps.





# Social Media Usage in Rural India Grew 100 Percent in a Year'

Usage of social media in rural India has grown by 100 percent during the last one year with 25 million users residing in that belt, a report said on Wednesday.



However, urban India registered a relatively lower growth of 35 percent with the total number of users at 118 million as on April 2015, says the 'Social Media in India 2014' report by the Internet and Mobile Association of India (IAMAI) and Indian Market Research Bureau (IMRB) International.

There are 143 million social media users in India as on April 2015. The report stated that the top four metros continue to account for almost half of the social media users in urban India.

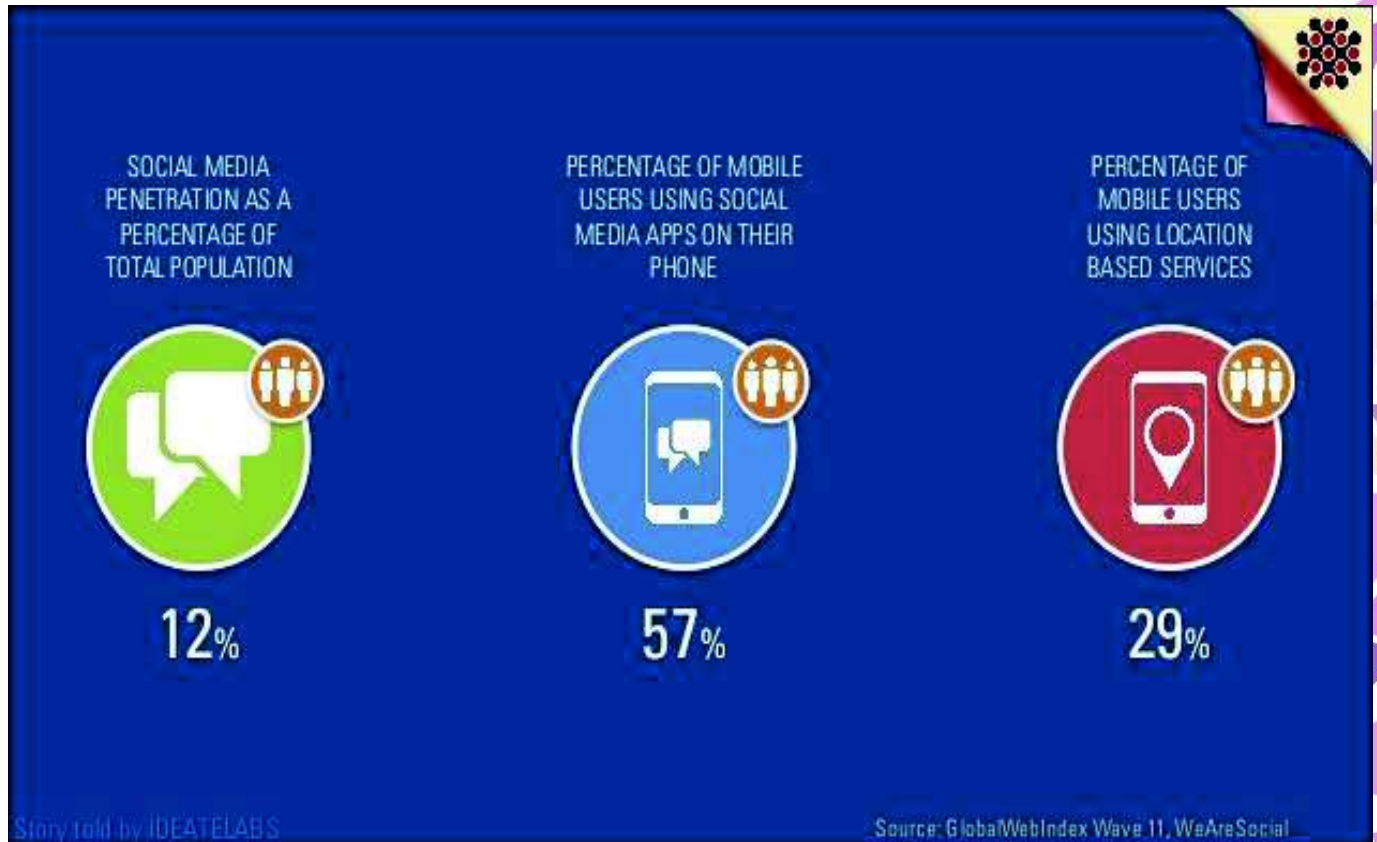


“YAHOO” is an acronym for “Yet Another Hierarchical Official Oracle.

13

The report said the largest segment accessing social media consists of the college going students with 34 percent followed by young men at 27 percent.

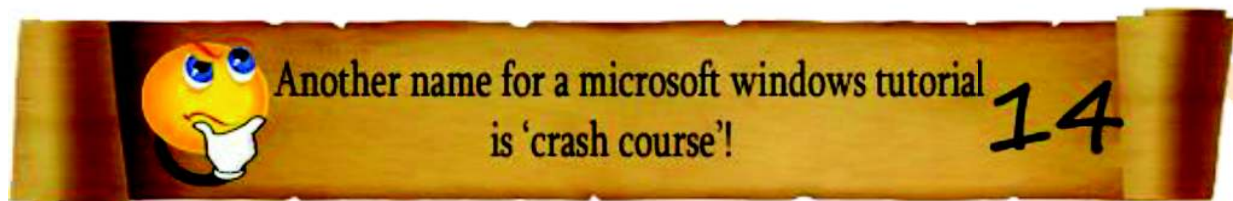
School-going children constitute 12 percent of the social media users. College-going students and young men still form the 60 percent of the social media users in urban India.



The report further stated that 61 percent of these users access social media on their mobile device.

The fact that almost two-thirds of the users are already accessing social media through their mobile is a promising sign.

With the expected increase in mobile traffic the number of users accessing social media on mobile is only bound to increase.



# Swiss IT Services Firm Temenos Hiring More Techies in India

Leading Swiss IT services provider Temenos AG is ramping up headcount in India to expand its development centers in Chennai and Bangalore, a senior company official said on Wednesday.



## TEMENOS

The Banking Software Company

We will hire 700 more techies over the next three years to take our headcount to 2,500 from 1,800 presently, making our India operations largest worldwide. The Geneva-based software product major serves banks and financial institutions worldwide to transform their business and stay ahead of a changing marketplace.

About 2,000 firms in the BFSI (banking, financial services and insurance) vertical, including 38 of the top 50 banks depend on Temenos to process daily transactions of over 500 million customers.

The fresh hiring will be across verticals to induct banking product specialists, architects and engineers as our development centers spearhead product innovation, including designing and supporting our banking platform T24, used by banks in 150 countries the world over, a Jayanthan asserted. By acquiring Multifonds in March for \$262 million (roughly Rs. 1,670 crores), the company added 400 techies with related domain expertise to service leading financial firms in India with its fund accounting and transfer agency software.



In 1999, the founders of Google actually tried to sell their website to exite for \$1 million.

15



With the acquisition of Financial Objects in 2008, the Chennai-based Indian subsidiary had set up its Bangalore facility for product development work and providing core banking systems to financial institutions. As we believe our Bangalore operations will grow faster, our staff strength will triple to 2,100 from 700 currently by 2018.

Observing that India was a key region for its growth strategy, company's chief executive David Arnott said in a statement that world class talent, emerging infrastructure and global market requirements made the country a favorable market for growth and expansion. Our cumulative investment of \$300 million since 1996 and long-term vision to further expand the Chennai and Bangalore development centers testify our commitment to India operations.

Admitting that its competitors were BFSI products of Infosys, Oracle and TCS, Arnott said India was at the centre stage of its product development strategy. The functionality covered by our financial product (T24) is the largest in banking software, spanning universal, retail, corporate, Islamic, wealth and microfinance.



MIT has developed a computer software that can identify and distinguish a real smile from a smile of frustration.

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# Twitter's Project Lightning to Let Users Follow Live Events, Not Just People

Twitter will start curating tweets on live events, the micro-blogging service said, as it plans major changes to make its real-time news feed more user-friendly.

Dubbed Project Lightning, the changes will let users follow events instead of just people, and instantly upload photos and videos that can be shared across websites, social news and entertainment website BuzzFeed reported on Thursday.



A team of editors will curate the most visually appealing and relevant tweets about say, a red-carpet event or shooting, and present them in one place, so that users need not be flooded with every single tweet as it is posted, BuzzFeed said.

Twitter's mobile app will show both pre-scheduled events and breaking news events. Twitter spokeswoman Rachel Millner confirmed the report but declined to comment further.



In september 1956 IBM launched the 305 RAMAC  
the 1st 'super' computer with a hard disk drive.

17

Twitter has struggled with user growth. About one billion people have visited the website, but only 302 million are users.

Twitter is undergoing a transition currently, and searching for a new chief executive following Dick Costolo's announcement from last week that he is stepping down. Co-founder Jack Dorsey will be the interim CEO.



The firm on Wednesday announced its acquisition of artificial intelligence startup Whetlab, bolstering the analytics capacity which is becoming increasingly important for social networks.

Terms were not announced for the deal, which was disclosed in a tweet by the Twitter engineering team and on the website of the Massachusetts-based Whetlab.

Twitter did not comment on its plan for the service, but artificial intelligence can be used to determine the most relevant tweets and advertising messages for each user, or to better filter spam.

# Google Unveils Nest Cam Security Camera, Upgraded Nest Protect Smoke Detector.



Google's Nest Labs is releasing a new version of its talking smoke detector, as well as its brand new Nest Cam, as part of its attempt to turn homes into yet another thing that can be controlled and tracked over the Internet.

The gadgets unveiled on Wednesday are Nest's most significant product updates since Google bought the Palo Alto, California, company last year for about \$2.75 billion (roughly Rs. 17,573 cores).

A few months later, Google bought surveillance-camera maker Drop cam for \$517 million (roughly Rs. 3,300 cores) to help Nest realize its ambition of creating "thoughtful" homes. Like several other technology companies, Google is implanting its own products and services into homes as more appliances and other gadgets feed into an Internet-connected matrix. Google also is building an operating system called Brills to enable all the Internet-connected home devices to communicate with each other.



Google, as of 2010, had only indexed only 0.004%  
of all data on the internet.

19

Brills will compete against a similar system called Home Kit offered by Apple. In most instances, a person's Smartphone will serve as a remote for controlling all the Internet-connected appliances. The smart phones can also be used to receive notifications about what's happening in the house.



The concept of a fully automated home once seemed like a far-off vision, Fad ell said, but not any longer. We have changed the conversation of the connected home. Google and other technology companies will still need to overcome people's concerns about protecting their privacy before automated homes become commonplace. Nest Cam is an updated version of the Dotcom Pro. It can record full-HD video at 30fps, has a 130-degree field of view (FoV), and an infrared range of 25 feet.

Nest's next-generation smoke detector, the new Nest Protect, will have more sophisticated sensors for sniffing out fires and a 10-year lifespan, up from seven years.

The device also will perform automatic tests each month to ensure its speaker and horns are working properly.



In 1936, Russians made a computer that ran on water.

20



# Android Milkshake, an overview

## Android M



## 6.0

### 1. App permissions

First are app permissions. As had previously been speculated, app permissions have been overhauled in Android M, with users now being able to choose to accept or deny individual permissions as they see fit. Permissions have also been simplified.

If you want to record a voice message, WhatsApp will prompt you with a one-time request for permission to use your mic: if you still wish to give it access and record the message, you can, but you don't have to. Android M is giving users greater control of the information apps can access, and this is a truly positive step forward for Android.

### 2. Web experience

Google has been exploring trends in the way web content is consumed to provide a better user-experience when interacting with websites and apps. "Chrome Custom Tabs is a new feature that gives developers a way to harness all of Chrome's capabilities, while still keeping control of the look and feel of the experience.



Only 8% of the world's currency is physical money,  
the rest only exists on computers.

21

Chrome Custom Tabs will allow apps to open a customized Chrome window on top of the active app, instead of launching the Chrome app separately. This will provide a faster and more intuitive user-experience when navigating between apps and the web.



### 3. Fingerprint support

Google will "standardize support" for fingerprint scanners on phones running Android M. The new functionality will allow fingerprint scanners to be used not only to unlock phones, but to make purchases shopping in real-life or within Play Store apps.

### 4. Mobile payments

Android Pay is Google's new mobile payments system designed to make the checkout process easier and faster. Google is aiming to provide "simplicity, security, and choice," with Android Pay, allowing you to use your existing credit cards to pay for products in more than 700,000 stores in the US.

### 6. Power and charging

Android M makes use of a new function known as Doze to improve device standby time.

By using motion detectors, Android will recognize when devices haven't been interacted with for a while, such as when a person is asleep or a device has been left on a table, to reduce background processes.

Android M also supports USB Type-C which provides faster charging, and lets users charge other devices with their phone.



A 75-year-old Swedish woman has the world's fastest internet connection at 40 GB/sec.

22

# Famous & Favorite



Virginia Rometty is the Chairwoman and CEO of IBM. She is the first woman to ever lead the company. Rometty is someone who has been able to find the way up, as she started working at IBM in 1991 and since then she has skyrocketed to the top. She also serves on the committee of the most powerful schools in the country like Columbia Business School and North-western University.

On the first day of next month, IBM CEO Virginia Rometty will add Chairman to her title, solidifying her spot atop the century-old technology and IT services giant. Earlier this year, Rometty was also an unwilling figure in a national debate over Augusta National Golf Club's long-time policy of excluding women from memberships. The complication was that the club had always offered an honorary membership to the CEO of IBM. The stories caused a brief national kerfuffle that prompted both President Obama and Republican presidential nominee Mitt Romney to weigh in. Ultimately, Augusta changed its policy and offered memberships to two women, including former Secretary of State Condoleezza Rice.

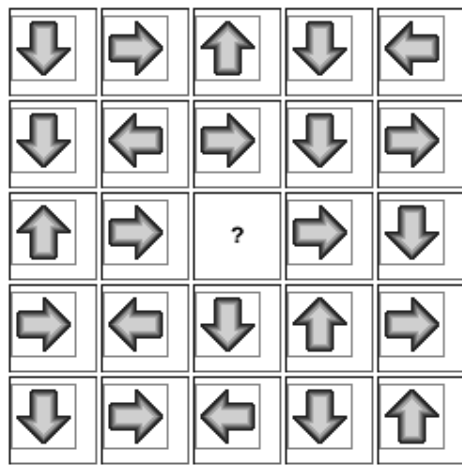


The first operation system microsoft coded was xenix  
which was a verision of UNIX.

23

# MIND PUNCH

1. What mathematical symbol can be put between 5 and 9, to get a number bigger than 5 and smaller than 9?
2. Two boys wish to cross a river. The only way to get to the other side is by boat, but that boat can only take one at a time. The boat cannot return on its own, there are no ropes or similar tricks, yet both boys manage to cross using the boat. How?
3. When you have three, you have three. When you have two, you have two. But when you have one, you have none.
4. The following equation is wrong:  $101 - 102 = 1$ . Move one numeral to make it correct. Move one line to make it correct.
5. In which direction should the missing arrow point?



The original APPLE logo had Isacc newton sitting under an apple tree.

# MIND PUNCH

6. There is blood on the ceiling of my bedroom. There has been no murder or killing of any person. Nobody has played any trick on me. Can you suggest a logical explanation?
7. A man rides into town on Friday. He stays in the night and leaves on Friday. How is this possible?
8. What starts with E, and ends with E and only has one letter?
9. What can you hold in your left hand, but not in your right hand?
10. What part of London is in Brazil?



Sweden is a country with the highest percentage of internet users (75%).

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# IT VITA

1. Who invented Compact Disc?
2. 'Do no evil' is tag line of which company?
3. Which country created the most used networking software in 1980's?
4. Which IT company's nickname is 'The Big Blue'?
5. What is Scareware?
6. In what year was the "@" chosen for its use in email address?
7. What is MAC?
8. The IBM PC-XT was the first to include a hard drive. What was the capacity of this disk?
9. In 1983, which person was the first to offer a definition of the term 'computer virus'?
10. Who is "The fathers of the Internet"?
11. Which is the first web based e-mail service?
12. Graphic interfaces were first used in a Xerox product is called
13. What is the number of bit patterns provided by a 7 bit code?
14. Who is considered to be The Father of Artificial Intelligence?
15. The UNIVAC computer was produced by whom?



The first actual computer "bug" was a dead moth which was stuck in a harvard mark computer in 1947.

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# SOLUTIONS

IT VITA	MIND PUNCH
<ol style="list-style-type: none"><li>1. James Russell</li><li>2. Google</li><li>3. Novell</li><li>4. IBM</li><li>5. Fake antivirus softwares</li><li>6. 1972</li><li>7. Media Access Control</li><li>8. 10 KB</li><li>9. Cohen</li><li>10. Vint Cerf</li><li>11. Hot mail</li><li>12. Ethernet</li><li>13. 128</li><li>14. John McCarthy</li><li>15. J. Presper Eckert and John Mauchly</li></ol>	<ol style="list-style-type: none"><li>1. A Decimal Point, 5.9 work nicely.</li><li>2. Who said they were on the same side? The boys start on opposite sides of The River</li><li>3. Choices.</li><li>4. Move the numeral 2 half a line up to achieve <math>101-10^2 = 1</math> Move one of the lines that makes the "=" over to the "-" to make: <math>101 = 102 - 1</math>.</li><li>5. South. The series: south, east, north, south, west, east spirals clockwise from the Top left-hand corner.</li><li>6. A mosquito bit me. It later landed on my bedroom ceiling. I climbed on the bed and I swatted it on my ceiling. (So the blood is my own as well as the mosquito's).</li><li>7. Friday is a horse.</li><li>8. An envelope.</li><li>9. Your right hand.</li><li>10. L.</li></ol>



Mary Kenneth Keller, the first woman to earn a ph.d in computer science in US.

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# SENSE OF GRATITUDE

**T**he editorial board  
**E**xpresses its sincere  
**G**ratitude to all those who  
**A**re responsible, either by  
**B**eing on the stage or  
**B**ehind the screen for the  
**S**uccessful launch of the  
**M**agazine...

