August 2014

# Jagan Institute of Management Studies IT FLASH

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# Viruses

Here are my top 5 Worms, Trojans, or Viruses.

### 1. Melissa

A macro virus named after a Miami stripper, was so effective in 1999 that the tidal wave of email traffic it generated caused the likes of Intel and Microsoft to shut down their email servers. The virus contained a Word document labeled List.DOC as an attachment to an email allowing access to porn sites.

### 2. The Anna Kournikova Virusq qq

This computer virus was attributed to a Dutch programmer Jan de Wit on February 11, 2001. The virus was designed to trick a recipient into opening a message by suggesting that it contained a picture of the lovely Anna Kournikova, instead the recipient triggered a malicious program.

### 3. MyDoom

MyDoom began appearing in inboxes in 2004 and soon became the fastest spreading worm ever to hit the web, exceeding previous records set by the Sobig worm and ILOVEYOU. A side note, though I knew people affected by Sobig and ILOVEYOU, I did not see either of these in the wild.

The reason that MyDoom was effective was that the recipient would receive an email warning of delivery failure – a message we have all seen at one time or another. The message prompted the recipient to investigate thus triggering the worm.

### 4. Sasser & Netsky

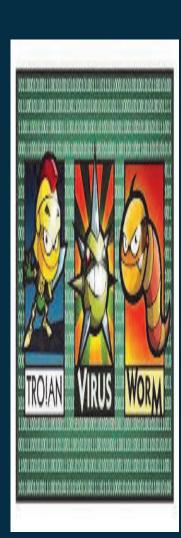
Easily one of the most famous and prolific variants of computer worms, famous for effectiveness and the fact that it was authored by an 18 year-old German, Sven Jaschan, who confessed to having written these and other worms

Netsky sticks in my mind because it was the first time that a virus insulted other virus authors. Here the authors of both the Bagle and Mydoom worm families were dissed and, in some cases, Netsky included code that removed versions of the competing viruses.

### 5. 2007 Storm Worm

Though I did consider the 1988 Morris worm, regarded as the first worm, I had to go with the 2007 Storm worm as the 5th to include. Known by many names the Storm Worm is a backdoor Trojan that affects Microsoft based computers.

Here, again, we see distribution of payload through email, with the subject reading, "230 dead as storm batters Europe". The Storm Worm was a Trojan horse that would join the infected computer to a bot-net – a network of remotely-controllable computers. Though it was thought to be a bot-net of millions of computers, the exact numbers were never known.



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# Samsung Galaxy Tab S Tablet Vs iPads



There are tons of android tablets out there, but few are equipped to take on the iPad. Samsung's recently released Galaxy Tab S series, however, may offer the best Android tablets you can buy. Other than their super-slim design and gorgeous display, the tab S models come with a handful of software features that allow you to do more than you can with an iPad.

Apart from the screen sizes there's very little difference between the Tab S models, so this review combines the two tablets into one. I'll talk primarily about the 8.4-inch model and include additional observations about the 10.5-inch version where necessary.

It's a brutal battle down at the budget end of the tablet market — one that Apple refuses to get involved in — but here we're very much at the premium end of the scale. The Galaxy Tab S devices have been built to go toe-to-toe with Apple's slates, a brave and perhaps foolhardy undertaking

The internals are identical, comprising 3GB of RAM, 16GB of storage, an 8MP rear camera and 2.1MP front-facing camera. The Samsung Exynos 5 Octa CPU inside these tablets combines 1.9 and 1.3GHz quad-core processors with the faster taking over from the slower when required at the expense of some battery life.

Those are some eye-popping specs when you consider that the <u>iPad Air</u> gets by on a mere 1GB of RAM, for example, or that the 2013 <u>Nexus</u> <u>7</u>offers a resolution of just 323ppi on its 7-inch screen. There's much more to a device than raw

Following are the 8 things that can be done with Galaxy Tab S that you can't do with an iPad:



- Make payments and open apps using fingerprints
- Run more than one app side-by-side
- Control your Samsung smart phone
- Control your PC remotely
- Galaxy Tab S display 'knows' what you're doing
- Enable kids more when children use Galaxy Tab
   S
- Automatically pause videos when you are not watching
- Access bulk of settings by swiping down

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## Moto G helps Motorola pip Nokia in India,

### becomes fourth



a Google company

Within a year of re-entering the Indian market, US-based Motorola has become the fourth-largest smartphone seller in the country, overtaking Nokia in the quarter ended June, according to handset sales tracker Canalys

Motorola shipped 955,650 smartphones in the three-month period, compared with 633,720 for Nokia, now owned by Microsoft, while in the January to March period, Nokia sold 583,160 smartphones, higher than Motorola's 379,310, Canalys said in a report.

The total for the first half of the year comes to over 1.33 million smartphones for Motorola, exceeding Nokia's 1.21 million. As of June end, Motorola trailed Samsung, Micromax and Karbonn, which together shipped over 8.2 million devices in the quarter in India, where the smartphone market grew 9% over the preceding quarter.

Samsung maintains the lead with over 4.4 million smartphones sold in the second quarter, followed by Micromax with almost 3.1 million and Karbonn in the third position with 1.07 million smartphones



**moto** g

Technical Specifications

# KEY FEATURES OF MOTO G (BLACK, WITH 16 GB)

- 16 GB Internal Memory
- Dual SIM (GSM + GSM)
- 5 MP Primary Camera
- 1.3 MP Secondary Camera
- ! GB RAM
- Wi-Fi Enabled
- HD Recording
- Android v4.4 (KitKat) OS
- 4.5-inch HD Display
- 1.2 GHz Qualcomm Snapdragon 400

Quad Core Processor

Motorola cut Moto G prices by Rs 2,000 this week, after which the 8GB version is available for Rs 10,499 and the 16GB model costs Rs 11,999 for a limited period

# The company that directly competes with Motorola across price ranges also works on an

Microsoft to unveil Windows 9 on September 30

Samsung Galaxy Note 4's camera to focus on selfies

Online video stars mobilize for US net neutrality

The Android Security Modules (ASM) framework aims to streamline and spread security features, updates

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# Cloud Computing:Platform as a Service

Cloud computing is the use of computing resources (hardware and software) that are delivered as a service over a network (typically the Internet). The name comes from the use of a cloud-shaped symbol as an abstraction for the complex infrastructure it contains in system diagrams. Platform as a Service (PaaS) is a delivery of a computing platform over the web. PaaS enables you to create web applications quickly, without the cost and complexity of buying and managing the underlying software/hardware.

As Platform-as-a-Service (PaaS) is available as a service, the developer and ISV's (Independent Software Vendor) get full control of the application development and deployment. PaaS enables developers and ISV's to create custom web applications and deliver it quickly, as many of the hassles like setting up hosting, servers, databases, user interaction process and frameworks are prepackaged.

PaaS offerings facilitate the deployment of applications without the cost and complexity of buying and managing the underlying hardware and software and provisioning hosting capabilities. facilities provided with packaged software applications such as Lotus Notes, or Microsoft Word. Often these require PaaS developers and their users to purchase subscriptions to the co-resident SaaS application.

Stand alone development environments

Stand-alone PaaS environments do not include technical, licensing or financial dependencies on specific SaaS applications or web services, and are intended to provide a generalized development environment.

Application delivery-only environments

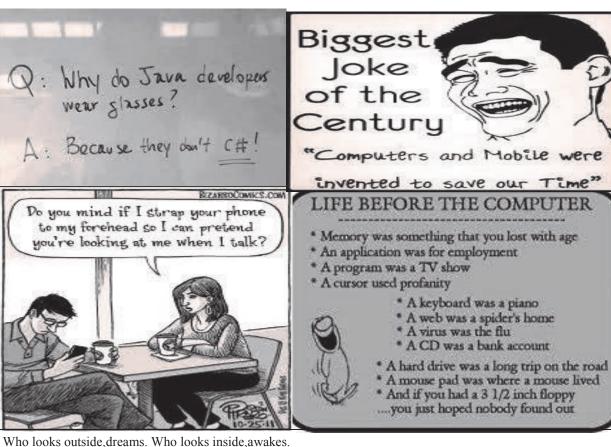
Delivery-only PaaS offerings do not include development, debugging and test capabilities as part of the service, though they may be supplied offline (via and Eclipse plugin for example). The services provided generally focus on security and on-demand scalability.

Open platform as a service

This type of PaaS does not include hosting as such, rather it provides open source software to allow a PaaS provider to run applications.

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-Carl Jung

Humility is not thinking less of yourself, its thinking of yourself less

-C.S .Lewis.

What is soul?

It's like electricity-we don't really know what it is But it is a force that can light a room..

-Ray Charles.

Name the five letter word which has three consonants all the same and two different vowels. Every

now and then you see this while running a Windows on your PC.

The Correct Answers is:

Error!Error!Error!

The Real truth About Midnight: Is it Actually 12 AM or 12 PM?

The Correct Answers is:

Noon is actually 12 o' clock AM (followed by 12:01 AM,12:02 AM,....,12:59 AM,1:00 PM)

Midnight is actually 12 o' clock PM (followed by 12:01 PM, 12:02 PM,

.....12:59 PM,1:00 AM)

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