

Third Issue



# BYOD

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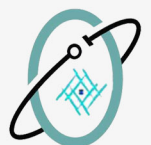
Qassim University  
College of Computer  
ACM-W Chapter Team

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Information technology is not only a tool or device in itself. It is increasingly the backbone for all business activity. Bring your own device (BYOD) is the increasing trend toward employee-owned devices within a business. The most common example of BYOD is smartphones. Also, tablets, laptops and USB drives are BYOD where the employees are taken them into the workplace using a technology they prefer. More specific variations on the term include bring your own laptop (BYOL), bring your own PC (BYOPC) and bring your own apps (BYOD) .

BYOD is part of IT consumerization. IT consumerization is a part of the larger trend in which consumer software and hardware are being brought into the organization. According to Linda Van de Wiele, director of collaboration for Colgate's Global Information Technology organization, "People were asking, 'Why can't I get my [work] e-mail on my own phone? " Employee-owned devices are sometimes supported by the organization to use devices that are owned by the business. However, employee-owned devices are part of the shadow IT which is a parallel system that hardware or software within an organization is not supported by the business's central IT department .

CISCO conducted a detailed analysis of BYOD in six countries to help companies determine the current and potential value of BYOD. The findings show that, on average, BYOD is saving companies money and helping their employees become more productive .

Whereas BYOD provide many advantages, they pose security risks to the organizations as they access to the corporate data or connect network. Therefore, organizations should implement BYOD polices to minimize the risk and accommodate consumer and employee technologies .

By:  
Dr.Ali Alkhalifah  
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# Benefits and advantages of

# BYOD !!

Bring Your Own Device

As we can see nowadays the usage of smart devices is accelerating day by day everywhere even in workplaces, So companies implemented the BYOD strategy to gain more benefits like

- **Increase the worker satisfaction :**  
employees seems to be more comfortable using their own devices .
- **Up-to-date devices :**  
it is almost impossible and costly to keep up with the latest mobile device trends. Since BYOD devices are usually more updated so companies gets to reap the benefits of the most modern features .
- **Saves money :**  
Companies can save a lot of money with the worker paying for the majority or all of the costs for the mobile devices like services, and other associated expenses .
- **Enhances productivity :**  
if the workers feels comfortable in the work environment they can espond to requests faster, that will lead to significant increase in employee productivity .
- **Less stress on IT :**  
employees are more responsible for the maintenance and upkeep of the devices they personally own, so it lessens the strain on the IT staff and they can actually spend more time focusing on more important issues than just help desk tickets .



# Risks and disadvantages of



Bring Your Own Device

While BYOD sounds attractive, businesses need to consider the full implications of allowing their private data to be accessed on any personal devices that they could have little or no control over that could be risky for many reasons, some of that reasons are listed below

- **Security :**  
the most important side the businesses must consider is the security, data can moves in and out of the company much more easily. As a result, security areas such as the security of confidential data on users' devices are open to much greater risks .
- **Costs for the employee :**  
the costs of BYOD are down to the employee. Not everybody has such a device or even want one .
- **IT Control :**  
BYOD adoption does not require as strong of an IT presence; however, this lack of presence can lead to a loss or lack of control over the IT hardware and how it is being used .
- **Melding Professional and Private Life :**  
While BYOD increases mobility and allows employees to do work in the office or from home, this blending of interests may not be the better option,BYOD can sometimes lead to or worsen a lack of focus amongst employees. This goes back to the previous concern dealing with IT control. This again goes back to security, as devices that are used professionally and privately are susceptible to more risks .





## Bring Your Own Device

Nowadays BYOD is not a new trend .Almost of employees bring and use their own devices to access data such as documents , printers and social media sites

So now will think about security

Malware , Viruses , Theft , Unsecured and Jailbroken devices are these risks , so must enforce BYOD policy guidelines to secure your work environment

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### Here is a sum of these guidelines :

- Jailbroken and rooted devices are not allowed
- Devices must be protected by screen lock passwords
- Require enrollment in the corporate MDM, MAM, or MCM
- Devices must be regularly updated with latest OS and patches
- Business data and personal data must be kept separate
- Corporate data should be encrypted
- Custom profiles for each device type and manufacturer
- Require VPN (Application or Device) for connectivity
- Require periodic re-authentication
- Prevent offline access



# How To



## Four steps to enjoy the benefits of bring your own device

### 1\_ Plan:

Conduct a cost/benefit analysis while deciding how you will enable mobile and who will have access

### 2\_ Secure and manage:

71 percent of CEOs and IT managers say that security is their most significant mobile enterprise challenge. Carefully choose which technologies will be used to manage and secure mobile devices.. Your mobile enterprise system must be flexible enough to control connections to an ever-growing variety of devices

### 3\_ Communicate your policy:

Make rules clear to employees up-front—what they may or may not do—and provide lessons on how to comply and get the most out of their access

### 4\_ Support:

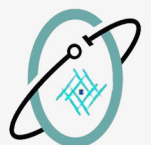
there will be many more calls to your Help Desk concerning a wide variety of devices, and the answers will take longer to find. This is where you need to invest up-front to gain the long-term benefit of granting your employees access through personal devices





## **#Members Profiles !!**

In each issue we choose two members to talk about themselves, to describe their personalities ,tell us about their dreams, plans , and ambitions .



# Aseel AlAwadh

7th Level of IT, College of Computer  
CoC-QU ACM-W Student Chapter's Member  
Qassim University

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Aseel was born on April 1992  
who doesn't know how to write about herself But she will attempt to  
do her best .

In fact I don't know how to begin . .

I am a simple girl that doesn't have any bad ideas about others.  
People consider me as an independent, confident, ambitious and I  
usually try to do my tasks in perfect way. I study in a wide field which  
can't be expressed in one or two sentences phrases  
My major at university is IT, that was my childhood dream and I have  
been achieving it right now .

I would like to learn from myself more than being a person who only  
receives information. One of my ambitions is to give my community  
and the world what I have got, Therefore I like to share benefit and  
knowledge with others around me .

My biggest dream is to be a woman that imprint in the computer field  
Sometimes I think only about work, work and only work, and I think  
that is the life, but I must take a break, which I finally understand it. So  
I should take a break

for myself to rethink correctly and ingeniously for doing that work  
I'm interested in reading, and my favorite piece of writing is about  
computer, world of security and programming .

I hope I have a nice effect in every peoples heart know me and I hope  
I have effective impact everywhere I go. I believe of our team in  
ACM-chapter, and I will do the best for keeping go a head  
I don't want people to think about me more than I deserve  
I think you can be any thing you want to be " Just be serious and work  
for it, and you will do what you want in sha'allah  
at the end

I am not a perfect human I have a lot of flaws, but I still try to develop  
myself, not to reach perfection, but to please myself .



# Sara AlMutiri

8th Level of IT, College of Computer  
CoC-QU ACM-W Student Chapter's Member  
Qassim University

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On 15 sep 1992 I was born . My father gave me a nice name "sara". I grown up surrounded by love which my family have given me . My father considered me as responsible but my mom think about me as a reflection of her image so she depend on me . I am described as strong , fun and bold . I love the life and make happiness to others . I have passion for helping who needing help ; because that give me happiness feeling When i was 8 years old . I started reading books and newspaper . Therefor ,I aquired the skill of writing . I am interested and adore on computer programming but I lake of experiment . I always aspire for best in every thing in my life Despite all this , I feel I am simple girl wish that peace prevail the world .



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