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Is Your Organization Cyber Aware?

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DATA PROTECTION 101 (/BLOG/SEARCH/DATA-PROTECTION-101)

What is Cyber Security? Definition, Is Your Types & Examples Organization Cyber Aware?

by Juliana De Groot(<https://digitalguardian.com/authors/juliana-de-groot>)

October 3, 2022

Achieve a higher level of employee security awareness with this kit.



Learn about cyber security, why it's important, and how to get started building a cyber security program in this installment of our Data Protection 101 series.

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Resource Kit

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https://info.digitalguardian.com/cybersecurity-awareness-kit.html?utm_source=blog

DEFINITION OF CYBER SECURITY

Cyber security refers to the technologies, processes, and practices designed to protect networks, devices, programs, and

data from attack, damage, c^{BL}
OG unauthorized access. Cyber)
security may also be referred t
as information technolog

security.

Is Your Organization THE IMPORTANCE OF Cyber Aware?

Cyber Achieve a higher level of security, because government, military, corporate, financial, and media organizations collect, process, and store unprecedented amounts of data on computer and other devices. A significant portion of that data can be sensitive information, whether that be intellectual property, financial data, personal information, or other types of data for which unauthorized access or exposure could have negative consequences.

Organizations transmit sensitive data across networks and other devices in the course of doing business, and cybersecurity describes the discipline dedicated to protecting that

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information and the system used to process or store it. As the volume and sophistication of cyber attacks grow

([https://digitalguardian.com](https://digitalguardian.com/blog/biggest-incidents-cybersecurity-past-10-years-infographic)

/blog/biggest-incidents-cybersecurity-past-10-years-infographic), companies and

organizations, especially those that are tasked with safeguarding information relating to national security, health, or financial

records, need to take steps to

protect their sensitive business and personnel information. As early as March 2013, the nation's top intelligence official cautioned that cyber attacks and digital spying are the top threat to national security, eclipsing even terrorism

CHALLENGES OF CYBER SECURITY

- effective cyber security, an organization needs to coordinate efforts throughout its entire information system.
- er

(<http://whatistechtarget.com>)



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<http://www.digitalguardian.com/definition>

/cybersecurity) encompass all of the following

Is Your Network Security: The process of protecting the network from unwanted users, attacks and intrusions.

Achieve a higher level of Application security. Apps employee security require constant updates and awareness with this kit. testing to ensure these

programs are secure from
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Endpoint security: Remote access is a necessary part of business, but can also be a weak point for dataEndpoint security

(<https://digitalguardian.com/blog/what-endpoint-security-data-protection-10>) is the process of protecting remote

access to a company's

network.

data security (<https://digitalguardian.com/blog/what-data-security>)

inside of networks and



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applications is data. Protecting company and customer information is a separate layer of security.

Is Your Identity management: Organization Essentially, this is a process of understanding the assets every individual has in an organization. Achieve a higher level of employee security

Data awareness starts with this kit.

security: Everything in a network involves databases and physical equipment. Protecting these devices is equally important.

Cloud security: Many files are in digital environments or the cloud". Protecting data in a 100% online environment presents a large amount of challenges.

- ↳ Security for mobile devices
- ↳ All phones and tablets involve virtually every type of security challenge in and of themselves.
- ↳ Disaster recovery/business



continuity planning: In the event of a security breach (<https://digitalguardian.com/blog/what-data-breach-or-cybersecurity-insurance>), natural disaster or other event data must be protected and business must go on. For this, you'll need a plan. End user education: Users may be employees, accessing the network or customers logging on to a company app.

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Educating good habits (password changes and having a strong password, 2-factor authentication, etc.) is an important part of cybersecurity.

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The most difficult challenge in cyber security is the ever evolving nature of security risks themselves. Traditionally, organizations and the government have focused more on their cyber security resources, perimeter security to protect their most crucial systems, opponents and defend against known threats. Today, this



approach is insufficient, as threats advance and change more quickly than organizations can keep up with. As a result,

advisors organizations promote more proactive and adaptive approaches to cyber security. Similarly, the National Institute

Standards and Technology NIST (<http://www.nist.gov/>) issued guidelines to risk assess this framework.

(<https://www.nist.gov/cyberframework>) that recommend a shift toward continuous monitoring (<https://digitalguardian.com/blog/what-continuous-security-monitoring>) and real-time assessments, a data focused approach to security as opposed to the traditional perimeter-based model.

- MANAGING CYBER SECURITY
 - National Cyber Security, through SafeOnline.org (<https://staysafeonline.org/>)



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recommends a top-down approach to cyber security in which corporate management leads the charge in prioritizing

cybersecurity management

Is Your Organization Cyber Aware?

advises that companies must be prepared to “respond to the inevitable cyber incident, restore normal operations, and ensure

that company assets and the

company's reputation are protected.” NCSA's guidelines for

conducting cyber risk

assessments focus on three key

areas: identifying your

organization's “crown jewels” (the

your most valuable information

requiring protection; identifying the threats and risks facing that

information; and outlining the

manage your organization would

if such data were lost or

fully exposed. Cyber risk

assessments should also

consider any regulations that

dictate the way your company

collects, stores, and secures



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data, such as [PCI-DSS](#)

([https://digitalguardian.com
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build a mature cyber security program. An ever-evolving field, cyber security best practice must evolve to accommodate the increasingly sophisticated attacks carried out by attacker. Combining sound cyber security measures with an educated and security-minded employee base provides the best defense against cyber criminal attempting to gain access to your company's sensitive data.

While it may seem like a daunting task, start small and focus on your most sensitive data, scaling your efforts as your cyber program matures.

Tags: Data Protection 101 (/blog/cyber-security), Cyber Security (/blog/search/cyber-security)



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JULIANA DE GROOT ([HTTPS://DIGITALG UARDIAN.COM](https://digitalguardian.com) Is Your /AUTHOR Organization /JULIANA-DE- CyberAware?

Achieve a higher level of employee security awareness with this kit. Juliana is the Sr. Marketing Operations Specialist at Digital Guardian. She has

been in the cybersecurity space for a combined three years. Prior to joining DG, she worked at Dell and CarGurus.

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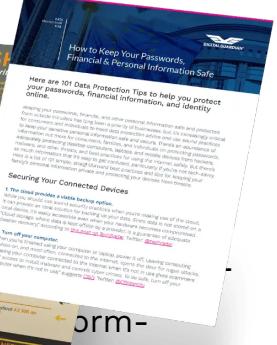
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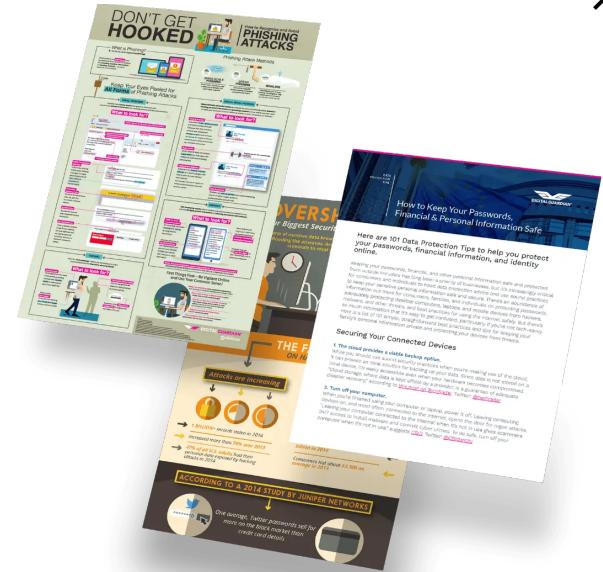
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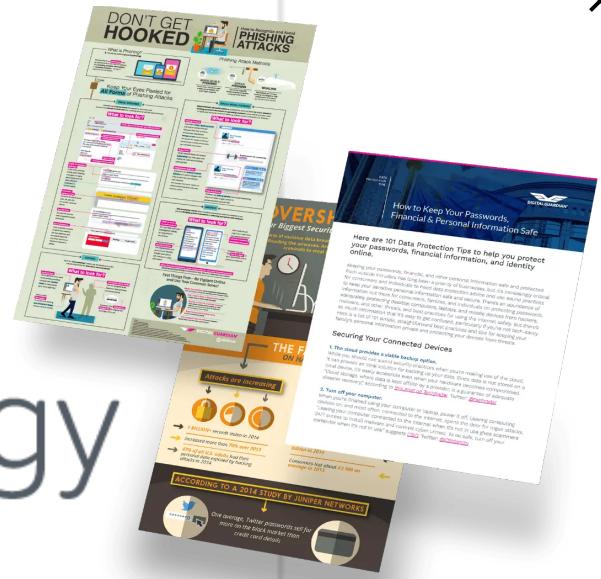
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