

Concours interne et externe de secrétaire des systèmes d'information et de communication au titre de l'année 2024

Épreuves écrites d'admissibilité

Du 27 au 28 février 2024

Anglais

Durée totale de l'épreuve : 1 heure – coefficient 2

Toute note inférieure à 8 sur 20 est éliminatoire

Traduction en français d'un texte à caractère technique rédigé en anglais

Ce dossier comporte 1 page (page de garde non comprise)

Fundamentals of Cybersecurity

Knowledgehut, 15 September 2023, by Shweta Lakhwani

As the digital era has gifted us a massive technological innovation, organizations and companies have spent the past several decades aggressively increasing their online presence to reach new customers and grow their digital presence.

It is not surprising, then, that cybercrime also escalated simultaneously. The omnipresence of the internet and growing access to it have made it easier than ever before for cybercriminals to target businesses and gain access to personal information about their customers or employees.

The concept of computer security is no longer limited to only safeguarding electronic devices against external threats. To prevent unauthorized credentials of an organization's network, it must also ensure the security of its network. No matter what field you operate in or how secure your data is, there will always be online threats that can put your company's information at risk.

In addition, physical security is also crucial, such as protecting hardware data from events or actions that can cause serious damage to an organization, such as natural disasters, burglaries, floods, theft, fires, vandalism, and many others.

Learning about basic concepts of cybersecurity helps equip individuals with the knowledge they need to safeguard their networks from potential attacks and safely maintain privileged user access. In addition, it is highly beneficial to learn the best online Cybersecurity certificate programs. [...]

Why is Cybersecurity Critical ?

Cybersecurity is a fast-evolving field that continually poses new challenges for companies, government agencies, and individuals. While some may assume that cybersecurity means protecting computers from viruses and other types of malware using anti-virus software or other security programs, this is only one aspect of the subject.

It is more common than ever for data breaches and cyberattacks to occur. They're no longer limited to large corporations with vast resources and sophisticated information security practices. Today, smaller businesses and those operating online marketplace sites or other e-commerce services are also at risk.

It takes one mischievous user with access to a computer or mobile device to break into an organization's network, steal confidential information, cause damage and result in lost revenue and penalties for failing to safeguard assets. They can also expose companies to liability risks. [...]

The excellent accessibility of cloud computing also makes it a popular choice for many companies, which can access information anywhere, anytime, and from any location.