



Encrypt Files & E-Mails

The Need for Training



Cryptography has been known since a long time ago, and has been used by many of the people starting of the Pharaohs passing through the ancient Arab Chinese. They was then confined to their instant need between sectors of the army in order to hide the fact of correspondence in messages traded until the enemy is difficult to understand them if they signed with his hand. The need for the use of this science in current times, especially after the invasion of the great use of the Internet in the modern era has increased. The world now is associated together and interconnected in a clear and large so-called computer networking. These networks are used currently in the transfer of data between both ordinary people and organizations, private or public, whether military or civilian. Therefore, it was necessary to find ways to preserve the confidentiality of information. It is worth mentioning that there are many efforts that are still being made in order to reach the optimal and safest ways for the exchange and transmission of information electronically.

Course Outline



- General Introduction to cryptography.
- Understand and apply many of the traded encryption techniques.
- Understand and Implement the modern encryption techniques.
- Electronic Signature.
- Practical applications to decrypt specialized article.

Targeted Categories



- All people or entities interested in transmitting data among themselves in a safe manner, and that the most important of these target groups are the departments of government in the country.
- It is considered as a very important skill in a wide range of computer users and users of different social networking sites in a way which keeps and saves the privacy in transmitting their own data between them.

Members' Expected Outcomes



- Identifying various encryption techniques.
- Practical training for members and enabling them to easily encode and decode electronic articles.
- Adoption of Digital Signatures for each member and applying it in practice.
- Verifying the source of the message, and delivering it to the place of destination.

Identifying the knowledge, skills and attitudes that enable targeted audience to perform these tasks



.It is not necessary for members to be familiar with and adequate in using computer system.



Session 2 Days



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