

IMAGE ENCRYPTION TECHNIQUES: A CRITICAL COMPARISON

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ABSTRACT

Image, which covers the highest percentage of the multimedia data, its protection is very important. This can be achieved by image encryption. As the use of digital techniques for transmitting and storing image are increasing, it becomes an important issue that how to protect the confidentiality, integrity, and authenticity of image. There are various techniques which are discovered from time to time to encrypt the images to make images more secure. Image encryption techniques scrambled the pixels of the image and decrease the correlation among the pixels, so that we will get lower correlation among the pixel and get the encrypted image. There are so many different technique used to protect confidential image data from unauthorized access. In this paper, we have done the literature review on existing work which was done form different techniques for image encryption and also given the general introduction about images and image encryption with advantages and disadvantages.

KEYWORDS: Cryptography, Image, Encryption, Security and AES