



# Information Security Incidents

Defining Information Security  
Incidents and how to handle them

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## Defining Information Security Incidents



Any adverse event whereby some aspect of computer security could be threatened: loss of data confidentiality, disruption of data or system integrity, or disruption or denial of availability.

# Examples of Information Security Incidents



## Intrusion Attempts:

Unauthorized attempts to bypass the security mechanisms of an information system or network.

## Publishing Personal Information:

Publishing personal information of the victim without his permission.

## Denial of Services:

Defined as an attempt to make a computer resource unavailable to its intended users, i.e. Internet Access, Bandwidth ... etc

## Unauthorized access:

Using the victim's computer to view personal information without their authorization such as, printing and viewing files, capturing an image using the embedded camera ... etc

## Sudden Changes:

Changes in the Operating System configuration and settings to allow an easy access to the hackers, such as shutting down the antivirus, adding new users ... etc

# Why to Report a Security Incident?



You'll get the following benefits by reporting security incidents:

- ❖ You'll be provided with detailed information on how to avoid such incidents.
- ❖ Mitigate the possibilities of the incident reoccurrence
- ❖ Restore your computer to its previous functional settings.

## Whom to Report to?



You should report to [Oman National CERT](#), as the legal and formal government body to handle and respond to Information security incidents.

## Channels to Report Security Incidents



There are Five channels to report to security incidents offered by Oman National CERT:

- ❖ Phone: 24166818
- ❖ Fax: 24166828
- ❖ OCERT Website(<http://www.cert.gov.om> )
- ❖ Kids Website: ([http://kids.cert.gov.om/contact\\_oir\\_en.aspx](http://kids.cert.gov.om/contact_oir_en.aspx) )
- ❖ Email: ([ocert999@ita.gov.om](mailto:ocert999@ita.gov.om) )