



What is Risk (Business)?

- The chance of loss of assets that can disrupt a business, function or system
- Assets can include software, hardware and even people

What is Risk (ISO DEFINITION)?

Effect of uncertainty on objectives, which focuses on the effect of incomplete knowledge of events or circumstances on an organization's decision making

What is Risk (Cyber Security)?

- The likelihood that a vulnerability will be exploited by a threat
- Vulnerability refers to a weakness in a security system or setup
- Threats could be from black hats, malware, insider attacks or even naive employees
- Reduction in threats or vulnerabilities will lower risks

Scenario: Email

- Loss of email could mean loss of sensitive data such as contracts or access to customers
- Could be caused by loss of email server
- The loss of the server could be due to outage by the hosting service
- The risks can be reduced by using a reliable host with minimal disruption in service



Scenario: Software

- Loss of software could mean loss of business or services
- Could be caused by data corruption or faulty patching/updates
- How can the risks be reduced?



Next Lesson

The many many types of risks