

**Certified** Class 2  
**Information**  
**Systems Security**  
**Professional**

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## Security Definations

CISSP Domain1

- Vulnerability
- Threat
- Risk
- Exposure

- **Vulnerability**

A vulnerability is a weakness in a system that allows a threat source to compromise its security.

It can be a software, hardware, or human weakness that can be exploited.

Eg: Service running on Server, unpatched applications or OS, open port on a firewall.

- Threat

**A Threat is any potential danger that is associated with the exploitation of a vulnerability.**

**If the threat is that someone will identify a specific vulnerability and use it against the company or individual.**

## Security Definations

CISSP Domain1

- Risk

**A Risk is the likelihood of a threat source exploiting a vulnerability and the corresponding business impact.**

**Eg: Firewall open ports**

## Security Definations

CISSP Domain1

- Exposure

A exposure is an instance of being exposed to **losses.**

A **vulnerability** exposes an **organization** to possible **damages.**

**Eg: If password compromised and used in an unauthorized manner**

**If a company does not have its wiring inspected and does not put proactive fire prevention into place.**

# Story











