

Risk Assesment Form (very basic and simplified)

Risk	Who & what are in risk	Possible consequence(s)	Probability / Impact	Mitigation	Responsible for mitigation
Electricity failure in datacenter	Data stored in the datacenter but not in the backup	Partial/total loss of data	Probability: D Impact: 2 Medium	Copy data to backup regularly to minimize loss	IT team
DDOS of the online store	Client, sales	Client can't make any purchase	Probability: C Impact: 3 Medium	Install a firewall to limitate bot usage on the website	IT and Security team
Malware downloaded on a local computer	Workers, their work, data stored in the computer, data they have access to	Work documents can be compromised (ransomware) Steal of private information	Probability: B Impact: 2 High	Do regular campaign of prevention, prevent automatic download on computer and systematically scan downloaded files. Can also limit usage of internet on computer that does not need it	Everyone
A server that stops working unexpectedly (overheat, ...)	Client, sales, other server (traffic redirected)	Loss of sales (slower service), damage on other servers,	Probability: C Impact: 4 (does not stop the service totally) Low	Doing maintenance on server regularly Monitor server status at all time Have several servers that can take the place of the other	IT Team
Flooding	Server, datacenter, all services	All services are unavailable, all data are lost	Probability: E Impact: 1 Medium	Server room should not be on the first floor, datacenter and databackup should not be in the same room, and not in the same building if possible	Person choosing room repartition

Probability :

E : improbable → could happen, but would be surprising (every 30years)

D : Remote → Happened rarely, every 5years

C : Occasional → Could happen once in one or 2 years

B : Probable → Can happen several time in one year

A : Frequent → Can happen every month

Impact :

4 : Negligible → All services are still available, with maybe a slow down

3 : Marginal → Some services are not available, but overall most of services are available, some users can be impacted

2 : Critical → Majority of services are not available, but some of them (minority) are still available, can be putted back into services after fixing

1 : Catastrophic → All the services are unavailable, and can not be restored

RISK - chance or probability that person/asset will be harmed or suffers damage (KISS: probability of something bad happening)

RISK = Likelihood x impact

THREAT - situation or activity that can cause harm

		HAZARD PROBABILITY				
		More	←		→	Less
HAZARD SEVERITY	More	A Frequent	B Probable	C Occasional	D Remote	E Improbable
	1 Catastrophic	High	High	High	High	Medium
	2 Critical	High	High	High	Medium	Low
	3 Marginal	High	Medium	Medium	Low	Low
	4 Negligible	Medium	Low	Low	Low	Low
Less						

