

# Risk register

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## Scenario:

In this scenario, I am tasked with evaluating the most prominent risks facing Company X and documenting them in a risk register. This risk register will then be utilized to complete a risk assessment of the Company's operational environment.

## Operational Environment:

Company X is a bank that is located in a coastal area with low crime rates. Many people and systems handle the bank's data—100 on-premise employees and 20 remote employees. The customer base of the bank includes 2,000 individual accounts and 200 commercial accounts. The bank's services are marketed by a professional sports team and ten local businesses in the community. There are strict financial regulations that require the bank to secure their data and funds, like having enough cash available each day to meet Federal Reserve requirements.

Asset	Risk(s)	Description	Likelihood	Severity	Risk Score	Priority
Funds	Business email compromise	<i>An employee is tricked into sharing confidential information.</i>	2	2	4	3rd
	Compromised user database	<i>Customer data is poorly encrypted.</i>	2	3	6	2nd
	Financial records leak	<i>A database server of backed up data is publicly accessible.</i>	3	3	9	1st
	Theft	<i>The bank's safe is left unlocked.</i>	1	3	3	4th
	Supply chain disruption	<i>Delivery delays due to natural disasters.</i>	1	2	2	5th

## Notes:

The greatest risk to Company X presents from the potential leak of its financial records, as both the likelihood and severity/impact of this risk becoming realized rate as highly likely, and therefore its risk score (9) is the highest possible on this scale (1-9).

The next most relevant risk originates from the potential compromise of Company X's user database, with a moderate likelihood of occurrence and a high severity if the risk were to occur, equaling a risk score of 6 out of a possible 9.