Information asset	Known or suspected threats	Known or suspected vulnerabilities	Primary concerns (C/I/A)	Possibility of occurrence	Impact level	Raw risk level	Key information security controls in effect	Incident undetectability	Detected risk level	Mean risk total
Database X	Hacking	Internet connectivity; inadequate firewall protection	C + I	1	4	4	Data protection policies & procedures; network security controls; system security controls	3	12	12
	Poor quality data	Poor quality information provided; incomplete checking and updating	A + I	3	2	6	Built-in integrity checks; routine procedures for checking & correcting data; ad hoc re-checks	2	12	
	Social engineering	Limited compliance with procedures; lack of awareness of the threat	C	1	3	3	Data protection policies & procedures; ongoing awareness program	4	12	
Web system Y	Hacking	Internet connectivity; inadequate firewall protection; web client	I + A	1	4	4	Network security controls; system security controls; data security controls	2	8	12
	Social engineering	Limited compliance with procedures; lack of awareness of the threat	C	1	4	4	Data protection policies & procedures; network security controls; system security controls	4	16	
LAN	Hacking	internet connectivity; inadequate firewall protection;	I + A	1	4	4	network security controls; system security controls; data security controls	2	8	16
	Virus, worm, trojan or other malware	Internet connectivity; No antivirus updates;	A	2	4	8	network security controls; system security controls; data security controls	3	24	
	Data or system corruption	Internet connectivity; inadequate firewall protection; inadequate backup strategies	C + I + A	2	4	8	login controls; network security controls	2	16	
Backup tapes	Theft	No access control to the disks; inadequate security controls in premises; inadequate asset protecting policies	C + I + A	1	3	3	using CCTV cameras; other security controls	1	3	6
	Accidental or criminal damage, sabotage	no safety measures for the disk location; lack of security controls	C + I	2	3	6	security controls; taking backups regularly	2	12	
	Fire, flood	inappropriate location of storage	C + I + A	1	3	3	security controls; envirnmental controls	1	3	
PC's, laptops, PDAs etc. used by staff	Theft	lack of physical security measures	C + I + A	2	4	8	security controls; employee training	1	8	16
	Accidental or criminal damage, sabotage	lack of security controls	A	3	4	12	security controls; maintaining user log files	2	24	
	Theft	lack of physical security measures; no access controls	C + I + A	2	4	8	using CCTV cameras; other security controls	1	8	

Servers	Accidental or criminal damage, sabotage	no safety measures for the disk location; lack of security controls; failures in cooling systems	C + I	3	3	9	security controls; taking backups regularly	2	18	9.7
	Fire, flood	failures in cooling system; inappropriate location of storage; lack of physical measures	C + I + A	1	3	3	security controls; envirnmental controls	1	3	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	
					0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	
						0			0	

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

Comments, notes, explanation		