

Sample risk assessment matrix

Risk/threat	Likelihood	Impact	Preventative measures	Contingency plan
Ransomware attack	High	Severe	Endpoint protection, email filtering	Restore from immutable backups, notify CISO
Data center outage	Medium	High	Redundant power and cooling systems	Failover to cloud infrastructure
Accidental data deletion	High	Medium	Role-based access, deletion confirmations	Restore from daily backups
Cloud provider failure	Low	High	Multi-region deployment	Failover to secondary cloud region (e.g., AWS us-west-2)
Natural disaster	Low	Catastrophic	Offsite backups, remote work readiness	Relocate ops, cloud-first restoration

