

Lab 49 – Assessment Worksheet Table

Recognize Risk & Threats Associated with Emerging Technologies

Emerging Technology Classification	Identified Threats	Risk Impact (Critical, Major, Minor)	Recommended Security Control	Notes
Cloud Computing	Security data transfer	Critical	User access controls and data should always be encrypted	
Cloud Computing	User access control	Critical	Don't give complete administrative access on the cloud to users	Data stored on a cloud provider's server can potentially be accessed by an employee of the company, and you have none of the usual physical controls over those people.
Cloud Computing	Security software interfaces	Major	Learn how the cloud provider integrates security throughout its services from authentication and access control techniques to security monitoring policies.	Reliance on a single set of interfaces and APIs requires understanding to a variety of security issues related to interface security, availability and accountability.
Mobile Devices	Open device security	Major	Devices should be encrypted and authenticated	
Mobile Devices	Lack of user education	Major	Provide education for the	