Appendix B: Risk Assessment Paper Rubric

You are given a case study scenario describing security issues affecting national or organizational assets. You will identify the risks associated with the assets, and recommend mitigating procedures. You will prepare a **quantitative/qualitative/hybrid** risk assessment to address risk factors on organizational assets. Your final paper can be 10–25 pages long in a Word document and will be graded using the following rubric.

	Advanced (10 points)	Compliant (9 points)	Minimal (8 points)	Noncompliant (7 points)
Inventory assets and	Inventoried, prioritized assets and	Inventoried prioritized assets but did	Inventoried assets but did not	Did not inventory or
	addressed mission objectives in their	not address mission objectives in	prioritize them in the order of	prioritize assets in the
of mission criticality.	asset priority.	their asset priority.	mission criticality.	order of mission criticality.
Evaluate enterprise	Evaluated enterprise topology	Evaluated enterprise topology	Evaluated enterprise topology	Did not evaluate enterprise
topology and perimeter	perimeter protection measures and	perimeter protection measures but	but did not include perimeter	topology and perimeter
protection.	addressed mission objectives.	did not address mission objectives.	protection measures.	protection.
Evaluate remote access to		Evaluated remote access protocols	Evaluated remote access	Did not evaluate remote
the networks.	security safeguards to the network	security safeguards to the network	protocols but did not address	access protocols and
	and addressed mission objectives.	but did not address mission	security safeguards to the	safeguards to the network.
		objectives.	network.	
Evaluate authentication	Evaluated authentication protocols,	Evaluated authentication protocols	Evaluated authentication	Did not evaluate
protocols and	methodologies with supporting data,	methodologies with supporting data	protocols methodologies but	authentication protocols
methodologies.	description and addressed mission	and description but lacks mission	with insufficient data or	and methodologies.
	objectives.	objectives.	inadequate description.	
Assign asset values to	Assigned asset values to	Assigned asset values to	Assigned asset values to	Did not assign asset
organization assets for	organization assets in a complete	organization assets in a complete	organization assets for	values to organization
quantitative/qualitative risk	<u> </u>	inventory but did not address mission	quantitative/qualitative risk	assets for
assessment.	objectives.	objectives.	assessment but incomplete.	quantitative/qualitative risk
				assessment.
Assess vulnerabilities on	Assessed vulnerabilities on each	Assessed vulnerabilities on each	Assessed vulnerabilities on	Did not assess
each asset and impacts if	asset and impacts if compromised of	asset and impacts if compromised of	each asset and impacts if	vulnerabilities on each
compromised.	complete inventory and addressed	complete inventory but did not	compromised but incomplete.	asset and impacts if
	mission objectives.	address mission objectives.		compromised.
Assess risk based on	Assessed risk based on probability	Assessed risk based on probability	Assessed risk based on	Did not assess risk based
probability of compromise		and its impact discovered on each	probability and its impact	on probability of
and its impact discovered	asset and summarized them.	asset but did not summarize them.	discovered on each asset but	compromise and its impact
on each asset.	D		incomplete.	discovered on each asset.
Recommend risk	Recommended risk mitigation	Recommended risk mitigation	Recommended risk mitigation	Did not recommended risk
mitigation procedures	procedures commensurate with asset	procedures commensurate with	procedures commensurate with	mitigation procedures
commensurate with asset	values of complete inventory and	asset values of complete inventory	asset values but incomplete.	commensurate with asset
values.	addressed mission objectives.	but did not address mission		values.
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Formulate 15-25 pages of		Followed proper quantitative or	Followed proper quantitative or	Did not follow proper
a quantitative or	qualitative risk assessment format	qualitative risk assessment format	qualitative risk assessment	quantitative or qualitative
qualitative risk	and conformed to APA in a sufficient	and conformed to APA but	format but did not conform to	risk assessment format,
assessment in APA	reference list and page count.	insufficient reference list and page	APA format.	and failed to conform to
format.		count.		APA format.
Executive summary of risk		Included an executive summary in	Included an executive	Did not include an
assessment.	details and addressed mission	details but did not address the	summary but lacks details.	executive summary.
	objectives.	mission objectives.		