

# Conduct an Application Security Review

## Security Assessment Template

### Executive Summary

*[TODO: In one to two paragraphs, explain the purpose of the application that is being evaluated, the risks that were found, and the recommendations that are being made to mitigate the risks.]*

### Risk 1: *[TODO: Type the name of the risk here]*

*Risk Rating: [TODO: Assign a rating to the risk – Low, Medium, High, or Critical]*

*Related Security Frameworks (if any): [TODO: Add any relevant security frameworks]*

Explanation of Risk
<i>[TODO: Explain the risk in two or more sentences, addressing what the problem is, what could go wrong, why it has the rating it does, and how the risk relates to any frameworks]</i>

Recommendations (Include at least two. Or, if only giving one, explain why that is the only feasible solution.)	How does the recommendation mitigate the risk?
<i>Example recommendation:</i> Add a firewall at the perimeter	<i>Example explanation:</i> Firewalls can help restrict access to sensitive systems. A firewall will alleviate this risk by eliminating access to the affected system from the internet. This mitigates the potential database exposure.
<i>[TODO: Explain it in terms of time, money or complexity]</i>	<i>[TODO: Type your answer here]</i>
<i>[TODO: Type your answer here]</i>	<i>[TODO: Type your answer here]</i>
<i>[TODO: Type your answer here]</i>	<i>[TODO: Type your answer here]</i>

## Risk 2: [TODO: Type the name of the risk here]

Risk Rating: [TODO: Assign a rating to the risk – Low, Medium, High, or Critical]

Related Security Frameworks (if any): [TODO: Add any relevant security frameworks]

Explanation of Risk
[TODO: Explain the risk here in detail. How might this be leveraged into a compromise? What data or system is in jeopardy? What is the impact to the business and customers?]

Recommendations (Include at least two. Or, if only giving one, explain why that is the only feasible solution.)	How does the recommendation mitigate the risk?
Example recommendation: Add a firewall at the perimeter	Example explanation: Firewalls can help restrict access to sensitive systems. A firewall will alleviate this risk by eliminating access to the affected system from the internet. This mitigates the potential database exposure.
[TODO: Explain it in terms of time, money or complexity]	[TODO: Type your answer here]
[TODO: Type your answer here]	[TODO: Type your answer here]
[TODO: Type your answer here]	[TODO: Type your answer here]

## Risk 3: [TODO: Type the name of the risk here]

Risk Rating: [TODO: Assign a rating to the risk – Low, Medium, High, or Critical]

Related Security Frameworks (if any): [TODO: Add any relevant security frameworks]

Explanation of Risk
[TODO: Explain the risk here in detail. How might this be leveraged into a compromise? What data or system is in jeopardy? What is the impact to the business and customers?]

Recommendations (Include at least two. Or, if only giving one, explain why that is the only feasible solution.)	How does the recommendation mitigate the risk?
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<i>Example recommendation:</i> Add a firewall at the perimeter	<i>Example explanation:</i> Firewalls can help restrict access to sensitive systems. A firewall will alleviate this risk by eliminating access to the affected system from the internet. This mitigates the potential database exposure.
[TODO: Explain it in terms of time, money or complexity]	[TODO: Type your answer here]
[TODO: Type your answer here]	[TODO: Type your answer here]
[TODO: Type your answer here]	[TODO: Type your answer here]

## Final Architecture Recommendation

Provide a *final architecture* recommendation:

- Discuss each identified risk and provide the corresponding mitigating control.
- Explain how the proposed architecture meets the business requirements.
- Address the costs associated with each change, or clarify if there are no costs.
- Ensure the architecture remains logically consistent, avoiding interference between proposed changes.

[TODO: Type your answer here]

# Paste Your Updated Architecture Diagram Here

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