

Project: Planning for Security Controls

Analysis of Standards

Success Criteria	Specifications
Evaluate security controls using the NIST Framework	<p>Each control listed in the NIST Workbook is assigned a value in the Score column of the NIST Workbook</p> <p>The Comments column of the NIST Workbook includes at least one piece of evidence to support the value assigned unless the control is indicated as not applicable.</p>

Control Improvements

Success Criteria	Specifications
Recommend improvements to each of the control categories	Each section in the security plan template has been completed.
Identify physical control requirements of the organization and recommend possible additions or improvements.	<p>The physical control section describes at least one example of a physical control to be implemented or improved with evidence or justification.</p> <p>The physical control recommendation should be at least 3 sentences that answer the following the questions: “what is the control recommendation?” “why did you select this control?” “how would you implement it?”</p>
Identify logical control requirements of the organization and recommend possible additions or improvements.	<p>The logical control section describes at least two examples of logical controls to be implemented or improved with evidence or justification</p> <p>Each logical control recommendation should be at least 3 sentences that answer the following the questions: “what is the control recommendation?” “why did you select this control?” “how would you implement it?”</p>
Identify administrative control requirements of the organization and recommend possible additions.	The administrative control section lists two customized policies and the security plan submission includes two corresponding document attachments.
Design logical controls that are appropriate to the provided computing environment.	<p>Each logical control justification describes the relationship between two or more existing component(s) in the network topology.</p> <p>The recommendation clearly states “what” the controls intend to secure.</p>
Utilize logical controls to clearly convey key security concepts.	<p>Each logical control justification includes standard terminology to describe the logical control mechanism.</p> <p>The recommendation clearly states “how” the control secures the component.</p>

Security Design - Deployment Plan

Success Criteria	Specifications
Evaluate the requirements of deploying the security control measure described in Scenario 1.	Each section in the deployment plan template has been completed. A list of high-level tasks is provided in the <u>Overview</u> section of the deployment plan.
Identify and address the components necessary to deploy the proposed security control measure described in Scenario 1.	Minimum hardware and software specifications are outlined for the solution in the appropriate section. At least <u>one</u> integration with an existing system is outlined in the appropriate section.
Recommends the appropriate logical control modifications necessary to implement the security control measure described in Scenario 1.	At least <u>two</u> logical control modifications are included in the <u>Additional Considerations</u> section of the deployment plan.
Evaluate the requirements of deploying the security control measure described in Scenario 2.	Each section in the deployment plan template has been completed. A list of high-level tasks is provided in the Overview section of the deployment plan.
Identify and address the components necessary to deploy the proposed security control measure described in Scenario 2.	Minimum hardware and software specifications are outlined for the solution in the appropriate section. At least <u>two</u> integrations with an existing system are outlined in the appropriate section.
Recommends the appropriate logical control modifications necessary to implement the security control measure described in Scenario 2.	At least <u>two</u> logical control modifications are included in the <u>Additional Considerations</u> section of the deployment plan.

Security Design - Network Diagram

Success Criteria	Specifications
Demonstrates an understanding of the Scenario 1 deployment requirements	All of the components required to deploy Scenario 1, as defined in the deployment plan, have been included in the network diagram and labeled appropriately.
Visualizes the Scenario 1 solution using appropriate symbols, connections, and parameters.	Different symbols are used to represent the various component types. Connections are drawn from existing components to the new solution components to represent a relationship or integration between systems. Lastly, modifications or additions to logical controls are indicated in red.
Demonstrates an understanding of the Scenario 2 deployment requirements	All of the components required to deploy Scenario 2, as defined in the deployment plan, have been included in the network diagram and labeled appropriately.
Visualizes the Scenario 2 solution using appropriate symbols, connections, and parameters.	Different symbols are used to represent the various component types. Connections are correctly drawn from existing components to the new solution components to represent a relationship or integration between systems. Lastly, modifications or additions to logical controls are indicated in red.