

Competencies Section 1	Level 3 90-100%	Level 2 80-89%	Level 1: Minimally Proficient 70 - 79%	Not proficient
Assess the need for network hardware to support the business or organization.	<p>This includes:</p> <p><i>Analyzing the business needs in regards to network hardware</i></p> <p><i>Selecting/identifying the appropriate type of network hardware to use</i></p> <p><i>Providing justifications for the selected hardware</i></p>			
Develop a proposal to design a network infrastructure based on business needs.	<p>This includes:</p> <p><i>Analyzing business needs regarding network topology and media</i></p> <p><i>Selecting the topology and network media to use</i></p> <p><i>Providing justifications for the topology and network media selected</i></p>			
Assess the need for computer system hardware to support the business or organization.	<p>This includes:</p> <p><i>Analyzing the business needs in regards to computer system hardware</i></p> <p><i>Selecting/identifying the appropriate type of computer system hardware needed</i></p> <p><i>Providing justifications for the selected hardware</i></p> <p><i>computer system hardware</i></p> <p><i>Selecting/identifying the appropriate type of computer system hardware needed</i></p> <p><i>Providing justifications for the selected hardware</i></p>			
Assess the need for network security devices to support the business or organization.	<p>This includes:</p> <p><i>Analyzing the business needs in regards to network security devices</i></p> <p><i>Selecting/identifying the appropriate type of network security devices to use</i></p> <p><i>Providing justifications for the selected devices</i></p>			
Competencies Section 2	Level 3 90-100%	Level 2 80-89%	Level 1: Minimally Proficient 70 - 79%	Not proficient
Develop a proposal to design a network infrastructure based on business needs.	<p>This includes:</p> <p><i>Analyzing business needs in regards to subnetting</i></p> <p><i>Providing subnetting information to use</i></p> <p><i>Providing the details to show how the subnetting information are calculated</i></p>			
Competencies Section 3	Level 3 90-100%	Level 2 80-89%	Level 1: Minimally Proficient 70 - 79%	Not proficient
Assess the need for network services to support the business or organization	<p>This includes:</p> <p><i>Analyzing the business needs in regards to network services</i></p> <p><i>Selecting/identifying the network services to implement</i></p> <p><i>Providing justifications for the selected services</i></p>			
Apply and implement appropriate security measures on a network to support the business or organization.	<p>This includes:</p> <p><i>Analyzing the business needs in regards to network security measures</i></p> <p><i>Identifying network security measures needed (should include preventative and maintenance measures)</i></p> <p><i>Providing justifications for the measures</i></p>			
Follow proper procedures and protocols in completing IT-related tasks.	<p>This includes:</p> <p><i>Identifying and applying appropriate software licensing model for the software used in the proposal</i></p> <p><i>Demonstrating ability to make network administration or Cybersecurity decisions based on best practices and/or standard procedures/protocols</i></p>			
Competencies Overall	Level 3 90-100%	Level 2 80-89%	Level 1: Minimally Proficient 70 - 79%	Not proficient
Satisfy standards of writing style and grammatical correctness.	<p>This includes:</p> <p><i>Using IEEE citation style</i></p> <p><i>Using credible reasoning, appropriate research, and supporting evidence in communication</i></p> <p><i>Synthesizing sources appropriately using paraphrase, summary, and quotation</i></p> <p><i>Satisfying standards of writing style and grammatical correctness, including the use of industry-standard terminology and vocabulary</i></p>			
Overall Score	Level 5	Level 4	Level 3	Level 1