

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>Analyzing the business needs in regards to network hardware</p> <p>Selecting/identifying the appropriate type of network hardware to use</p> <p>Providing justifications for the selected hardware</p>			
Develop a proposal to design a network infrastructure based on business needs.	<p>This includes:</p> <p>Analyzing business needs regarding network topology and media</p> <p>Selecting the topology and network media to use</p> <p>Providing justifications for the topology and network media selected</p>			
Assess the need for computer system hardware to support the business or organization.	<p>This includes:</p> <p>Analyzing the business needs in regards to computer system hardware</p> <p>Selecting/identifying the appropriate type of computer system hardware needed</p> <p>Providing justifications for the selected hardware</p> <p>computer system hardware</p> <p>Selecting/identifying the appropriate type of computer system hardware needed</p> <p>Providing justifications for the selected hardware</p>			
Assess the need for network security devices to support the business or organization.	<p>This includes:</p> <p>Analyzing the business needs in regards to network security devices</p> <p>Selecting/identifying the appropriate type of network security devices to use</p> <p>Providing justifications for the selected devices</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>Analyzing business needs in regards to subnetting</p> <p>Providing subnetting information to use</p> <p>Providing the details to show how the subnetting information are calculated</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>Analyzing the business needs in regards to network services</p> <p>Selecting/identifying the network services to implement</p> <p>Providing justifications for the selected services</p>			
Apply and implement appropriate security measures on a network to support the business or organization.	<p>This includes:</p> <p>Analyzing the business needs in regards to network security measures</p> <p>Identifying network security measures needed (should include preventative and maintenance measures)</p> <p>Providing justifications for the measures</p>			
Follow proper procedures and protocols in completing IT-related tasks.	<p>This includes:</p> <p>Identifying and applying appropriate software licensing model for the software used in the proposal</p> <p>Demonstrating ability to make network administration or Cybersecurity decisions based on best practices and/or standard procedures/protocols</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>Using IEEE citation style</p> <p>Using credible reasoning, appropriate research, and supporting evidence in communication</p> <p>Synthesizing sources appropriately using paraphrase, summary, and quotation</p> <p>Satisfying standards of writing style and grammatical correctness, including the use of industry-standard terminology and vocabulary</p>			
Overall Score	Level 5	Level 4	Level 3	Level 1