cyber security

Describe Security Risk Management ongoing process of identifying

security risks and implementing plans to address them.

How asset security encompasses asset classification, ownership,

responsibilities, and security controls to maintain data integrity and

confidentiality.

Interpret security architecture and engineering which involves the

detailed planning, design, implementation, and testing of security

controls

Define Communications and network security which deal with the

operations undertaken to protect and defend networked communication

systems by ensuring their availability, integrity, authentication,

confidentiality, and non-repudiation

Verify cybersecurity practice that enables IT administrators to

restrict access to organizational resources so that only the people

who need access have access.

Configure and verify security risk assessment identifies, assesses,

and implements key security controls in applications which focus on

preventing application security defects and vulnerabilities.

Monitoring cyber security functions including technical research and

analysis, conducting reviews, assessments and investigations, and

maintaining technical equipment and systems to support information and

cyber security capabilities to improve the security posture of an

organization.

Understanding Software Development Security to controls the systems

and application software and the steps used in their development

How Security Incident and Event Management is used for monitoring a

network environment.

How to find and exploit vulnerabilities in a computer system network.

How to deal with the business processes to help the right people or machines to access the right assets at the right time for the right reasons, while keeping unauthorized access and fraud at bay

What measures designed to protect cloud-based infrastructure, applications, and data.

Implementing cloud-delivered firewall that provides firewall services without the need to deploy, maintain, and upgrade physical or virtual appliances at a site.

How to protect users by encrypting their data and masking their IP addresses over the public network.

How to Analyze network packet data and calculate network and application response time with packet analyzer

How to scan your network for host discovery and service and operating system detection.

How to identify weak passwords that might pose security

Understanding attack to interrupt device function normally

How social engineering attacks are often used to steal user data