



# Example of Computer Network Defense Job Description

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Our company is growing rapidly and is hiring for a computer network defense. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for computer network defense

- Conduct authorized penetration testing of the customer's IS network assets
- Analyze site IS CND policies and configurations and evaluate compliance with regulations and customer's IS directives/instructions
- Maintain deployable CND audit toolkit
- Create, edit, and manage changes to network access control lists on specialized CND systems (e.g., firewalls and intrusion prevention systems)
- Perform system administration on specialize CND applications and systems (e.g., anti-virus, or Audit/Remediation) to include installation, configuration, maintenance, and backup/restore
- Implement C&A requirements for specialized CND systems and document and maintain records for them
- Coordinate with CND-A to manage and administer the updating of rules and signatures (e.g., IDS/IPS, anti-virus, and content blacklists) for specialized CND applications
- Identify potential conflicts with implementation of any CND tools with the customer's IS (e.g., tool/signature testing and optimization)
- Administer CND test bed and test and evaluate new CND applications, rules/signatures, access controls, and configurations of CND managed platforms
- Implement and enforce CND policies and procedures reflecting applicable laws, policies, procedures, and regulations

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- Must meet DoD 8570.01-M minimum of IAT Level II Certification
  - Bachelor's or Master's degree in business management or related field
  - Analyze, contain, eradicate malicious code
  - Prepare and disseminate AS&W to enterprise and the CND-SP community •  
Conduct cyber trend analysis malware analysis
  - Tests, implements, deploys, maintains, and administers the infrastructure systems which are required to effectively manage the cyber, IA, and CND networks and systems (e.g., routers, firewalls, intrusion detection/prevention systems)
  - Bachelor's degree in Computer Science, Information Assurance, Cybersecurity, or a related discipline or equivalent work experience