

POSITION DESCRIPTION

AGENCY/DEPT ID
DAS500000DIVISION OR INSTITUTION
Office of Information TechnologyUNIT OR OFFICE
Office of Security & PrivacyCOUNTY OF EMPLOYMENT
FranklinThis row is for Information
Technology classifications ONLYPRIMARY TECHNOLOGY (IT ONLY)
Software Configuration ManagementSECONDARY TECHNOLOGY (IT ONLY)
Security Software and HardwarePOSITION NUMBER
20005470☐ Reclassification☐ New Position☒ UpdatePosition Hyperlinked to ☐

Agency Organizational Tree

USUAL WORKING TITLE OF POSITION
Infrastructure SpecialistPOSITION NO. AND TITLE OF IMMEDIATE SUPERVISOR
SEE TABLE OF ORGANIZATION☒ Permanent
☐ Temporary
☐ Intermittent☒ Classified
☐ Unclassified
☐ EssentialOvertime: ☒ Eligible ☐ ExemptBargaining Unit 14
PR - 35
Page 1 of 3

If FLSA Exempt, exemption type:

NORMAL WORKING HOURS (Explain unusual or rotating shift):

FROM: 8:00 am TO: 5:00 pm

JOB DESCRIPTION AND WORKER CHARACTERISTICS

%	Job Duties in Order of Importance	Knowledge, Skills & Abilities
20	Evaluates effectiveness and risk of IT processes. Recommends changes in IT procedures to meet customer needs.	<p>Knowledge of (1) *application vulnerabilities; (2) data backup, types of backups (e.g., full, incremental), and recovery concepts and tools; (3) different classes of attacks (e.g., passive, active, insider, close-in, distribution, etc.); (4) different operational threat environments (e.g., first generation [script kiddies], second generation [non-nation state sponsored], and third generation [nation state sponsored]); (5) general attack stages (e.g., foot printing and scanning, enumeration, gaining access, escalation of privileges, maintaining access, network exploitation, covering tracks, etc.); (6) how traffic flows across the network [e.g., Transmission Control Protocol (TCP) and Internet Protocol (IP), Open System Interconnection Model (OSI), Information Technology Infrastructure Library, v3 (ITIL)]; (7) *IA principles and organizational requirements (relevant to confidentiality, integrity, availability, authentication, non-repudiation); (8) *agency specific local specialized system requirements (e.g., critical infrastructure systems that may not be used standard IT) for safety, performance, and reliability; (9) network access, identity and access management (e.g., public key infrastructure, PKI); (10) network protocols such as TCP/IP, Dynamic Host Configuration, Domain Name System (DNS), and directory services; (11) network security architecture concepts including topology, protocols, components, and principles (e.g., application of Defense-in-Depth); (12) *agency penetration testing principles, tools, and</p> <p>*developed after employment</p>

JOB TITLE
Infrastructure Specialist 3JOB CODE
69933

List Position Numbers & Job Titles of Positions Directly Supervised:

SIGNATURE OF AGENCY REPRESENTATIVE

DATE



11/22/16

POSITION DESCRIPTION

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Bargaining Unit 14
PR - 35
Page 2 of 3NORMAL WORKING HOURS (Explain unusual or rotating shift):
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JOB DESCRIPTION AND WORKER CHARACTERISTICS

%	Job Duties in Order of Importance	Knowledge, Skills & Abilities
30	Evaluates and/or researches hardware and/or software solutions and provides feedback to project team or higher-level staff. Interfaces and/or performs work with other applications or platforms.	<p>techniques (e.g., core impact, metasploit, neosploit, etc.); (13) *agency relevant laws, policies, procedures, or governance as they relate to work that may impact critical infrastructure; (14) system and application security threats and vulnerabilities (e.g., buffer overflow, mobile code, cross-site.</p> <p>Skill in (15) applying host/network access controls (e.g., access control list); (16) assessing the robustness of security systems and designs; (17) conducting vulnerability scans and recognizing vulnerabilities in security systems; (18) evaluating the trustworthiness of the supplier and/or product; (19) performing packet-level analysis (e.g., Wireshark, tcpdump, etc.); (20) *use of penetration testing tools and techniques; (21)* use of social engineering techniques; (22) using network analysis tools to identify vulnerabilities. (e.g. Qualys, Nessus, etc.); (23)* using application analysis tools to identify vulnerabilities. (e.g. AppScan, Qualys, etc.).</p> <p>Ability to (24) interpret and incorporate data from multiple tool sources; (25) establish facts & draw valid conclusions; (26) work in a team environment; (27) successfully pass the State of Ohio Computer [SOCC] background check.</p> <p>Knowledge of 1-14 Skill in 15-23 Ability to 24-27</p> <p>*developed after employment</p>

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Infrastructure Specialist 3JOB CODE
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DATE



1/12/16

