

Activity Area/Work Category	Common Title or Work Role	NICE ID	NOC	Major Cybersecurity Responsibility (NICE and other sources)	Key Cybersecurity Competencies
					Cyber legal and policy context Cyber compliance requirements Cybersecurity controls (management, operational, technical) Cyber systems integration Encryption/PKI Cybersecurity standards Cybersecurity assessment and measurement Cybersecurity product lifecycle management Identity, credentials and authentication
	Web Developer	None	2175	Researches, designs, develops and produces Internet and Intranet sites and web-based media.	Cybersecurity threats Web application vulnerabilities Software testing and evaluation Cybersecurity incident response requirements
	Database Administrator	OM-DTA-001	2172	Administers databases and/or data management systems that allow for the secure storage, query, protection, and utilization of data.	System and data security Data systems threats and vulnerabilities Disaster Recovery Planning Data back-up and recovery Identity, credentials and authentication
	Data Analyst	OM-DTA-002	2172	Examines data from multiple disparate sources with the goal of providing security and privacy insight. Designs and implements custom algorithms, workflow processes, and layouts for complex, enterprise-scale data sets used for modeling, data mining, and research purposes.	System and data security Data systems threats and vulnerabilities Disaster Recovery Planning Data back-up and recovery Identity, credentials and authentication

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	Information Manager (NICE Knowledge Manager)	OM-KMG-001	0213, 1523	Responsible for the management and administration of processes and tools that enable the organization to identify, document, and access intellectual capital and information content.	Cybersecurity risk management Business and threat context Information/data categorization System and data security Data systems threats and vulnerabilities Disaster Recovery Planning Data back-up and recovery Identity, credentials and authentication
	Technical Support Specialist	OM-STS-001	2281, 2282	Provides technical support to customers who need assistance utilizing client-level hardware and software in accordance with established or approved organizational process components (i.e., Master Incident Management Plan, when applicable).	Business and threat context System and data security Data back-up and recovery Cyber threats and vulnerabilities Incident response Cyber systems policies, practices and operations.
	Network Operations Specialist	OM-NET-001	2281, 2282	Plans, implements, and operates network services/systems, to include hardware and virtual environments.	Business and threat context System and data security Data back-up and recovery Cyber threats and vulnerabilities Incident response Cyber systems policies, practices and operations.
	System Administrator	OM-ADM-001	2281	Responsible for setting up and maintaining a system or specific components of a system (e.g. for example, installing, configuring, and updating hardware and software; establishing and managing user accounts; overseeing or conducting backup and recovery tasks; implementing operational and technical security controls; and	Business and threat context System and data security Data back-up and recovery Cyber threats and vulnerabilities Incident response Cyber systems policies, practices and operations. Identity, credentials and authentication

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				adhering to organizational security policies and procedures).	
	Data Systems Analyst	None	2172	Identifies, develops and analyzes data system needs for the organization. Supports, and designs and implements data systems.	<ul style="list-style-type: none"> <li>Cybersecurity risk management</li> <li>Business and threat context</li> <li>System and data security</li> <li>Data systems threats and vulnerabilities</li> <li>Disaster Recovery Planning</li> <li>Data back-up and recovery</li> <li>Identity, credentials and authentication</li> <li>Cybersecurity tools, techniques and procedures used to protect data and data systems</li> <li>Encryption and PKI</li> </ul>
	Systems Manager (Includes system, software and data systems manager roles)	None	0213	Plans, organizes, directs, controls and evaluates the activities of organizations that analyze, design, develop, implement, operate and administer computer and telecommunications software, networks and information systems	<ul style="list-style-type: none"> <li>Threat and risk assessment</li> <li>Cybersecurity risk management</li> <li>Business and threat context</li> <li>Technical context</li> <li>Cyber systems integration</li> <li>Cybersecurity project management</li> <li>Cyber procurement requirements</li> <li>Supply chain risk management</li> <li>Cybersecurity standards</li> <li>Cybersecurity assessment and measurement</li> <li>Cybersecurity controls (management, operational, technical)</li> </ul>