https://niccs.us-cert.gov/workforce-development/mapping-tool

# NICCS™
NATIONAL INITIATIVE FOR CYBERSECURITY CAREERS AND STUDIES

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## Mapping Tool

Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts. Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean. A small river named Duden flows by their place and supplies it with the necessary regelialia. It is a paradisematic country, in which roasted parts of sentences fly into your mouth.

## Please choose from the follow options:

○ Federal Government

● Other (Private Sector, Industry, Academia, Local Government, Individual)

## Tell us about the position:

**Position Description (optional)**

> Enter Description

**System will use the Position Description keywords to suggest potential Position Title**

**Position Title\***

> cybersecurity analyst

Click here for the OPM Handbook Job Titles.

**Location**

> Alabama
> Alaska
> Arizona
> Arkansas
> California

**Location by States and U.S. Territories**

**If user shares IP or GPS location, Esri Arcgis can automatically select user's state**

**Status Position**

> Occupied
> Vacant - Candidate Selected
> Vacant - No Action Underway
> Vacant - Under Active Recruitment

**List Options TBD waiting confirmation from Human Capital**

Homeland Security

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Official website of the Department of Homeland Security

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### Federal Government (User)

**Are you mapping an existing job that has been classified?**  (i.e. do you have an OPM series and job number)

**YES**    NO

*Will be presented if user answers "yes"*

**Series***  [                    ]            **Job Number***  [                    ]

**Government Department or Agency ***

DHS
DOD
DOJ
etc.

*Capture Government Department & Agency List TBD by BlueWater*

**Division/ Sector/ Component ***

(ie. NPPD, Army, Navy)

*User can enter the Component & Devision*

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## Framework Input Fields (Federal User & Private Sector)

### Select the statements below that best describe this position's work at a high level * (Categories)

- ☐ Designs or builds secure systems and/or has responsibility for some aspect of the systems' development.
- ☑ Identifies, analyzes, and/or mitigates threats to internal system
- ☑ Investigates cyber events or crimes related to systems, networ
- ☐ Leads or manages so the organization may effectively conduct
- ☑ Provides administration and maintenance necessary for system
- ☐ Leads or manages so the organization may effectively conduct cybersecurity work.
- ☑ Provides a................ necessary for system performance and security.

> **Framework "Category" Descriptions need to be modified. Start with current description.**
>
> **Limit: 3 Categories.**

**Analyze**
Specialty areas responsible for highly specialized review and evaluation of incoming cybersecurity information to determine its usefulness for intelligence.

**Collect and Operate**
Specialty areas responsible for specialized denial and deception operations and collection of cybersecurity information that may be used to develop intelligence.

**Investigate**
Specialty areas responsible for the investigation of cyber events and/or crimes of IT systems, networks, and digital evidence.

**Operate and Maintain**
Specialty areas responsible for providing the support, administration, and maintenance necessary to ensure effective and efficient IT system performance and security.

**Oversight and Development**
Oversight and Development - Specialty areas providing leadership, management, direction, and/or development and advocacy so that all individuals and the organization may effectively conduct cybersecurity work.

**Protect and Defend**
Specialty areas responsible for the identification, analysis, and mitigation of threats to internal IT systems or networks.

**Securely Provision**
Specialty areas concerned with conceptualizing, designing, and building secure IT systems, with responsibility for some aspect of the systems' development.

> **Specialty Areas: Investigate UX Options to best present options to user.**
>
> **Limit: 3 Specialty Areas.**

### Select the stat............ specifically describe the position's work* (Specialty Areas)

Analyzes threat information from multiple sources, disciplines, and agencies across the Intel
Analyzes collected information to identify vulnerabilities and potential for exploitation.
Applies current knowledge of one or more regions, countries, non-state entities, and/or

**Add Filter option:**

Intelligence
Occupational
Series #options

> **Keith Hall recommendation:**
> **Add a selection for government user.**
> **0100 – 0300 Job Series, and**
> **511 or 811 IT workforce or Supporting**
> **To better suggest Task and KSA**

### Select the statements below that most specifically describe the position's work * (Task)

Analyzes threat infor.............ources
Analyzes collected in...............
Applies current know.............

> **Limit: TBD based on algorithm.**

### Select all knowledge, skills, or abilities possessed by this position* (KSA)

Analyzes thr...............ultiple sources
Analyzes col...............entify
Applies curre...............

> **Limit: TBD based on algorithm.**

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## Continue from an existing session:

**File Import \***  [                                    ] [ Browse ]

Import CSV or XML file from local computer.

**Users can continue from an existing session, all Position Descriptions (PD) can be saved and aggregated on single file.**