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# FIRST Services Framework: Team Types Within the Context of Services Frameworks

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# Team Types

## Within the Context of *FIRST Services Frameworks*

### 1 Purpose

As of October 2023, specific Forum of Incident Response and Security Teams (FIRST) Services Frameworks have been developed for two team types: Computer Security Incident Response Teams (CSIRTs) and Product Security Incident Response Teams (PSIRTs). While there are established definitions of *CSIRT* and *PSIRT*, in practice and within some communities or contexts, they have slightly different meanings. Rather than simply building on these established definitions, volunteers from the global community in the CSIRT Framework Development Special Interest Group (CSIRT SIG) are working diligently to develop an informal shared understanding of these and other relevant terms.

Other types of teams (e.g., Security Operations Centers [SOCs] and Information Sharing and Analysis Centers [ISACs]) are becoming increasingly vital for addressing urgent cyber insecurity. Therefore, it is necessary to establish standard definitions for at least some of these teams as well. In 2022, experts in the global community discussed this need, which resulted in a CSIRT SIG project to define standard types (and terms) for teams that provide information security incident management capabilities: CSIRTs, ISACs, PSIRTs, and SOCs. (In this report, we, the members of the CSIRT SIG, discuss these four team types in greater detail in Section 3.)

When discussing these team types and the terms that describe them, the CSIRT SIG team did not address national or sectorial variants; however, it plans to address them in the future. The CSIRT Services Framework explains current and well-established terms, such as *coordinating CSIRT* and *enterprise CSIRT*, and there is nothing wrong with using those terms. However, until definitions of the four basic team types are widely accepted, it might not be beneficial to provide additional details, and it might even hinder discussions.

Future versions of this document will include definitions for *team sub-types* based on a wider discussion and the adoption of the above four basic team types. The terms describing these team types that we outline in this report are the first ones the global community is considering.

## 2 Background

Over time, various entities (e.g., organizations, governments) in the CSIRT community have developed their own service lists and/or frameworks. However, as technology, tools, and processes have evolved, the community has realized that these lists and frameworks do not address certain topics and activities.

FIRST is interested in enabling the global development and maturation of CSIRTs and other security incident management entities. We launched a community-driven approach to developing an improved *CSIRT Services Framework* as part of the CSIRT SIG, and an initial version was published in 2017. As illustrated in Figure 1, the current version (v2.1) contains five distinct service areas and 21 associated services.

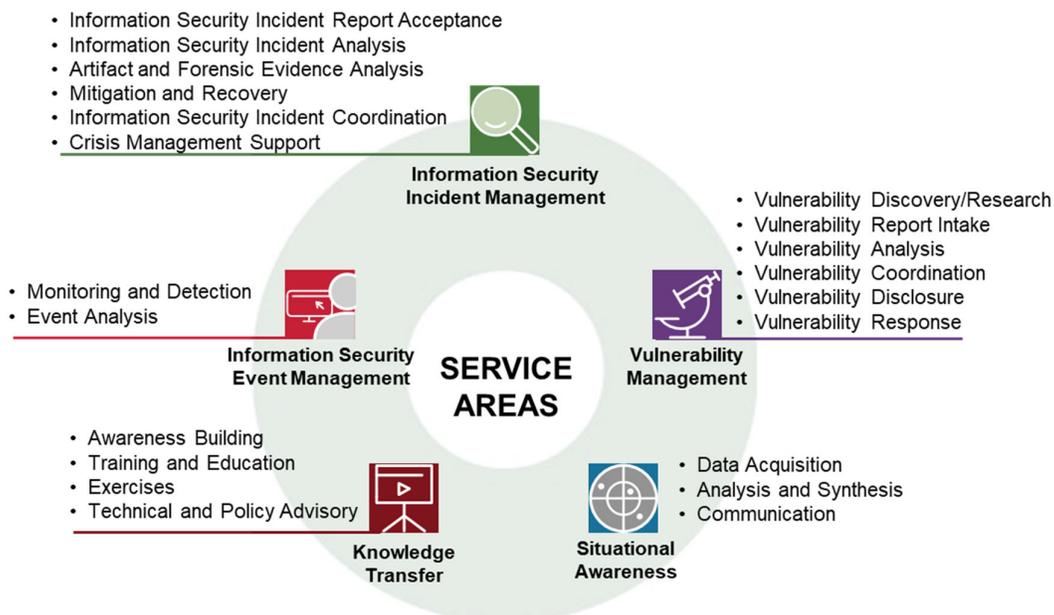


Figure 1: The CSIRT Services Framework's (v2.1) Five Service Areas and Their Associated Services

After the initial release of the *CSIRT Services Framework*, a similar approach was taken to develop a *PSIRT Services Framework* that recognizes the many operational aspects of PSIRTs that require a different set of services and corresponding activities. The first *PSIRT Services Framework* was published in 2018.

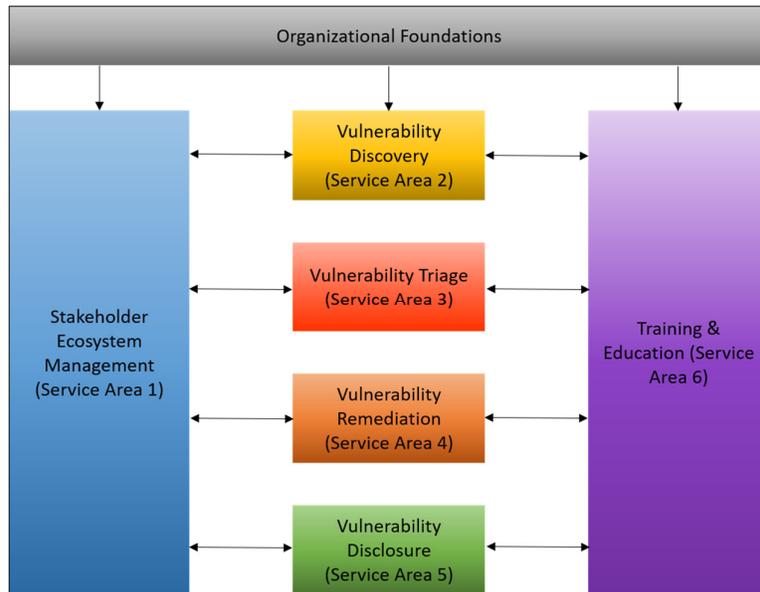


Figure 2: The PSIRT Services Framework's (v1.1) Interdependencies of Service Areas

The current versions of both the CSIRT Services Framework and the PSIRT Services Framework are available on the FIRST website:

- CSIRT Services Framework  
[https://www.first.org/standards/frameworks/csirts/csirt\\_services\\_framework\\_v2.1](https://www.first.org/standards/frameworks/csirts/csirt_services_framework_v2.1)
- PSIRT Services Framework  
[https://www.first.org/standards/frameworks/psirts/psirt\\_services\\_framework\\_v1.1](https://www.first.org/standards/frameworks/psirts/psirt_services_framework_v1.1)

The primary goal of *these* frameworks is to help establish and improve team operations. Other goals include helping teams identify and define their core categories of services and providing a standard set of terms and definitions that the community can use. The services described in these frameworks are those that a team could provide; in other words, no team is expected to provide all of the described services but can select the ones that support its mission and constituents as described by its mandate.

FIRST also recognizes that defining team types is a vital step in developing a common language for describing incident management entities and their capabilities. Therefore, in this report, we focus on team types.

### 3 Team Types: Capabilities that Handle Security Incidents, Threats, and Vulnerabilities

Different types of teams have various roles within the realm of information security<sup>1</sup> to prevent, detect, analyze, resolve, and/or mitigate information security incidents, threats, and/or vulnerabilities. These roles are evident not only because FIRST and other communities serve as forums for CSIRTs, but because these forums also bring together incident management and security teams, which have similar capabilities, to gather, discuss, and share information and develop resources.

In Section 1, we discussed the need to define four team types that provide information security and incident management capabilities: CSIRTs, ISACs, PSIRTs, and SOCs. In this section, we define each of these team types and provide profiles that show where some team types might be integrated.

CSIRTs, ISACs, PSIRTs, and SOCs can coexist. For example, a large, broadly scoped SOC might include a CSIRT as one of its divisions or departments; a CSIRT might include a SOC; and an ISAC may include a SOC or a CSIRT.

The hierarchy of these teams is not the most important aspect of the profiles we provide. What is most important are the following descriptions:

- (1) the responsibilities and activities that each team or capability provides
- (2) how to help members of the global community understand the differences

Both types of information will ultimately enable members of the global community categorize their own team or capability in a commonly accepted manner.

We based our definitions on the descriptions of services in *CSIRT Services Framework, Version 2.1* since it provides a unique and consistent namespace<sup>2</sup>. We recognize that the *PSIRT Services Framework* uses a different namespace, so we plan to map both namespaces in the future.

In subsequent reports, we will also describe other team types (e.g., national CSIRTs, sectorial CSIRTs) that are considered sub-types of the four team types listed above.

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<sup>1</sup> *Information security* can always be replaced with *cybersecurity* without affecting our discussion or definitions.

<sup>2</sup> In computing, a *namespace* is a set of names used to identify and refer to objects to ensure that all of a given set of objects have unique names and can be easily identified. In this report, we use *namespace* to refer to the names given to team types and the services they provide.

### 3.1 Computer Security Incident Response Teams (CSIRTs)

CSIRTs provide services and support to a defined constituency. They manage information security incidents by preventing, handling (i.e., detecting, analyzing, responding), and/or coordinating information security incidents.

A CSIRT is often referred to as a CERT (Computer Emergency Response Team), CIRT (Computer Incident Response Team), CIRC (Computer Incident Response Center), CSIRC (Computer Security Incident Response Capability), or other name or abbreviation based on the objectives of the organization selecting its name. In the context of incidents, sometimes the word *computer* is used interchangeably with *cybersecurity*, *cyber*, or *information*.

Regardless of the name used, this type of team specializes in information security incident management services. CSIRTs in other settings can specialize in information technology (IT) security, operational technology (OT) security, or specific subsets of information security. Some teams have an even narrower focus and provide services related only to incidents related to data protection or malware.

A properly deployed CSIRT has a clear mandate, a governance model, a tailored services framework, technologies, and processes to provide, measure, and continuously improve defined services to raise its maturity. It might be established as a single unit, an independent organization, or a part of a larger cybersecurity organization like in many national cybersecurity centers (NCSCs).

National CSIRTs (nCSIRTs) and sectorial CSIRTs (including government CSIRTs) are special types of CSIRTs that focus on coordinating the response to information security incidents, threats, and vulnerabilities. Therefore, they provide all the services that are mandatory for any CSIRT. We will describe these and other CSIRT sub-types in future versions of this documents (release planned for mid of 2025).

The table on the next page illustrates the services that a CSIRT can and must offer. The services that CSIRTs must offer are labeled MUST.

**Computer Security Incident Response Teams (CSIRTs)**

Service Area	Associated Services	Offering
Information Security Event Management	Monitoring and Detection	
	Event Analysis	
Information Security Incident Management	Information Security Incident Report Acceptance	MUST
	Information Security Incident Analysis	MUST
	Artifact and Forensic Evidence Analysis	
	Mitigation and Recovery	MUST
	Information Security Incident Coordination	MUST
	Crisis Management Support	
Vulnerability Management	Vulnerability Discovery/Research	
	Vulnerability Report Intake	
	Vulnerability Analysis	
	Vulnerability Coordination	
	Vulnerability Disclosure	
	Vulnerability Response	
Situational Awareness	Data Acquisition	
	Analysis and Synthesis	
	Service Communication	
Knowledge Transfer	Awareness Building	
	Training and Education	
	Exercises	
	Technical and Policy Advisory	

Table 1: CSIRT Service Offerings: Information Security Incident Management Service Area

Two service offerings, although important, are not mandated for all CSIRTs: *Artifacts and Forensic Evidence Analysis* and *Crisis Management Support*. Because of their unique nature, we describe them in more detail:

**Artifact and Forensic Evidence Analysis**

This is an important service for managing information security incidents and enabling a meaningful response. However, this service requires a significant level of expertise and relies on costly resources, which may not always be readily available or cost effective in an organizational setting, especially for small teams. While it might pose challenges, it is likely more cost effective for an internal CSIRT to outsource this service and pay only for instances that require such detailed analysis. For these reasons, we do not consider *Artifact and Forensic Evidence Analysis* a MUST for all CSIRTs to offer.

**Crisis Management Support**

This service is not considered a MUST for all CSIRTs to offer. During large critical incidents, significant resources are required for coordination, communication, and overall management.

If a CSIRT is not appropriately staffed, these activities may compete with other activities, such as technical investigations, incident analysis, incident response, and incident mitigation. The result can be mismanaged or poorly handled information security incidents.

*Crisis Management Support* typically involves a broad scope of the organization and might not even be caused by an information security incident but rather a disaster or significant outage of equipment not related to malicious cyber activity. Since Crisis Management Support often requires multiple teams and departments of an organization to collaborate, a CSIRT is clearly one of the units that could be involved. However, in most cases, even in a cyber or information security incident, the CSIRT might not take the lead in managing the crisis. While a CSIRT may not be equipped to manage all types of crises, its support might be crucial, especially if a crisis affects the information infrastructure or critical information system assets.

### 3.2 Information Sharing and Analysis Centers (ISACs)

ISACs are industry-specific organizations or capabilities that gather, analyze, share, and coordinate information about cyber threats and incidents among critical infrastructures or industry sector entities (e.g., the finance sector). ISACs can also facilitate data sharing among public and private sector groups in accordance with government policies or national laws and might even be organized as public-private partnerships.

In the United States, ISACs are required in specific industry sectors. In other regions or countries, ISAC activities are driven by the industry they belong to, but they cover more sectors. For example, in Europe, an effort was made to collect information about various ISACs<sup>3</sup>. An information sharing and analysis organization (ISAO) is an alternative name for an ISAC and ISAC-type organizations.

ISACs focus on analyzing information security attacks, incidents, and threats based on the insights gained through situational awareness. They focus on collecting threat information, analyzing it, and creating intelligence. Synthesizing and disseminating this information is designed to help organizations that experience incidents to become more cyber resilient and capable of taking proactive steps when new trends are identified or when developments occur.

On the next page the table illustrates the services that an ISAC can and must offer. The services that ISACs must offer are labeled MUST. ISACs focus on situational awareness services, but they might also handle some aspects of information security incident management and/or vulnerability management, usually with an emphasis on incident or vulnerability coordination and especially supporting dissemination and communication.

#### Information Sharing and Analysis Centers (ISACs)

Service Area	Associated Services	Offering
Information Security Event Management	Monitoring and Detection	
	Event Analysis	

<sup>3</sup> For more information about European Union ISACs, see their website: <https://www.isacs.eu/european-isacs>.

<b>Information Security Incident Management</b>	Information Security Incident Report Acceptance	
	Information Security Incident Analysis	
	Artifact and Forensic Evidence Analysis	
	Mitigation and Recovery	
	Information Security Incident Coordination	
	Crisis Management Support	
<b>Vulnerability Management</b>	Vulnerability Discovery/Research	
	Vulnerability Report Intake	
	Vulnerability Analysis	
	Vulnerability Coordination	
	Vulnerability Disclosure	
	Vulnerability Response	
<b>Situational Awareness</b>	Data Acquisition	MUST
	Analysis and Synthesis	MUST
	Service Communication	MUST
<b>Knowledge Transfer</b>	Awareness Building	
	Training and Education	
	Exercises	
	Technical and Policy Advisory	

Table 2: ISAC Service Offerings: Situational Awareness Service Area

### 3.3 Product Security Incident Response Teams (PSIRTs)

PSIRTs focus on vulnerability management in products and services. They are specialized teams or capabilities that respond within vendor organizations or service providers to handle and resolve vulnerabilities in products or services.

Many vendors or service providers, including open source communities, have already established PSIRTs to provide the following services:

- (1) Track, mitigate, and fix vulnerabilities in their own products.
- (2) Disseminate information about product security updates.

PSIRTs might also provide information security incident management services and situational awareness by supporting incident response coordination, communication, and the mitigation of actively exploited vulnerabilities or the discovery of new threats within their customer base or the broader community.

The next table illustrates the services that a PSIRT can and must offer. The services that PSIRTs must offer are labeled MUST.

#### Product Security Incident Response Teams (PSIRTs)

Service Area	Associated Services	Offering
<b>Information Security Event Management</b>	Monitoring and Detection	
	Event Analysis	
<b>Information Security Incident Management</b>	Information Security Incident Report Acceptance	
	Information Security Incident Analysis	

	Artifact and Forensic Evidence Analysis	
	Mitigation and Recovery	
	Information Security Incident Coordination	
	Crisis Management Support	
<b>Vulnerability Management</b>	Vulnerability Discovery/Research	
	Vulnerability Report Intake	MUST
	Vulnerability Analysis	MUST
	Vulnerability Coordination	MUST
	Vulnerability Disclosure	MUST
	Vulnerability Response	MUST
<b>Situational Awareness</b>	Data Acquisition	
	Analysis and Synthesis	
	Service Communication	
<b>Knowledge Transfer</b>	Awareness Building	
	Training and Education	
	Exercises	
	Technical and Policy Advisory	

Table 3: PSIRT Service Offerings: Vulnerability Management Service Area

A service offering, although important, is not mandated for all PSIRTs: *Vulnerability Discovery/Research*. Because of its unique nature, we describe it in more detail below:

*Vulnerability Discovery/Research* is a service that identifies new vulnerabilities. Identifying vulnerabilities enables a meaningful response by the PSIRT. However, to handle known vulnerabilities, these services require significant resources, which are not always available. As other sources of knowledge about new (i.e., yet unknown) vulnerabilities become available, it is reasonable to exclude *Vulnerability Discovery/Research* from a PSIRT's portfolio. Therefore, we do not consider *Vulnerability Discovery/Research* in the mandatory services that a PSIRT offers.

The following definition of PSIRT is from the latest version of the *PSIRT Services Framework*<sup>4</sup>:

*A Product Security Incident Response Team (PSIRT) is an entity within an organization which, at its core, focuses on the identification, assessment and disposition of the risks associated with security vulnerabilities within the products, including offerings, solutions, components and/or services which an organization produces and/or sells.*

While there are important differences between any CSIRT and PSIRT, it is crucial to recognize that there is also synergy between these two team types. The key takeaway is that CSIRTs and PSIRTs do not operate independently; they often work together. For example, many CSIRTs warn constituents about security vulnerabilities; these warnings are almost always based on information that vendor PSIRTs provide.

A well-deployed PSIRT is not an isolated group; it remains closely connected to the development of the organization's products and is part of the organization's broader secure engineering initiative. This organizational structure ensures that security assurance activities are integrated into the secure development lifecycle (SDL).

Product security incident response is often associated with the maintenance phase of the SDL since most product security vulnerabilities are reported as quality escapes<sup>5</sup> after the product's release to the market. However, PSIRTs can have a significant impact in early requirements gathering during architecture, design, planning, and risk modeling phases. PSIRTs can also add value by providing guidance and oversight for handling security issues found internally (e.g., during development).

### 3.4 Security Operations Centers (SOCs)

SOCs typically handle many different facets of security operations and focus on information security event management (i.e., event monitoring and detection).

A SOC monitors the networks and systems of its parent organization or constituency for unusual, anomalous, or suspicious activity using some type of software or hardware (e.g., network taps, endpoint detection, sensors, or other similar products).

Some SOC may also perform response activities using automated or predefined use cases or playbooks; they escalate any issues that do not align with those cases/playbooks to established contacts, or they promptly alert victim organizations.

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<sup>4</sup> For more information about PSIRTs, see the *PSIRT Services Framework, Version 1.1*: [https://www.first.org/standards/frameworks/psirts/psirt\\_services\\_framework\\_v1.1](https://www.first.org/standards/frameworks/psirts/psirt_services_framework_v1.1).

<sup>5</sup> A *quality escape* is when development and testing fail to identify/resolve a vulnerability, allowing it to reach the customer.

SOCs may provide information security incident management services and vulnerability management services independently or rely on other teams for support.

The table illustrates the services that a SOC can and must offer. The services that SOC must offer are labeled MUST.

**Security Operations Centers (SOCs)**

Service Area	Associated Services	Offering
<b>Information Security Event Management</b>	Monitoring and Detection	MUST
	Event Analysis	MUST
<b>Information Security Incident Management</b>	Information Security Incident Report Acceptance	
	Information Security Incident Analysis	
	Artifact and Forensic Evidence Analysis	
	Mitigation and Recovery	
	Information Security Incident Coordination	
	Crisis Management Support	
<b>Vulnerability Management</b>	Vulnerability Discovery/Research	
	Vulnerability Report Intake	
	Vulnerability Analysis	
	Vulnerability Coordination	
	Vulnerability Disclosure	
	Vulnerability Response	
<b>Situational Awareness</b>	Data Acquisition	
	Analysis and Synthesis	
	Service Communication	
<b>Knowledge Transfer</b>	Awareness Building	
	Training and Education	
	Exercises	
	Technical and Policy Advisory	

Table 4: SOC Service Offerings: Information Security Event Management Service Area

## 4 Overview and Considerations

We studied the mandatory services that characterize each of the four basic team types (i.e., CSIRTs, ISACs, PSIRTs, and SOCs) that provide information security incident management capabilities. In this section, we summarize our findings and address specific questions about these team types. This section is a comprehensive record of our work in the CSIRT SIG to develop an informal shared understanding of these team types and their capabilities.

### 4.1 Defining Four Basic Team Types

Table 5 is an aggregation of the four tables introduced in earlier sections. It illustrates that four of the five service areas each provide the foundation for a defined basic team type.

Service Area: Information Security Event Management	SOC	CSIRT	PSIRT	ISAC
Monitoring and Detection	MUST			
Event Analysis	MUST			
Service Area: Information Security Incident Management	SOC	CSIRT	PSIRT	ISAC
Information Security Incident Report Acceptance		MUST		
Information Security Incident Analysis		MUST		
Artifact and Forensic Evidence Analysis				
Mitigation and Recovery		MUST		
Information Security Incident Coordination		MUST		
Crisis Management Support				
Service Area: Vulnerability Management	SOC	CSIRT	PSIRT	ISAC
Vulnerability Discovery/Research				
Vulnerability Report Intake			MUST	
Vulnerability Analysis			MUST	
Vulnerability Coordination			MUST	
Vulnerability Disclosure			MUST	
Vulnerability Response			MUST	
Service Area: Situational Awareness	SOC	CSIRT	PSIRT	ISAC
Data Acquisition				MUST
Analysis and Synthesis				MUST
Communication				MUST
Service Area: Knowledge Transfer	SOC	CSIRT	PSIRT	ISAC
Awareness Building				
Training and Education				
Exercises				
Technical and Policy Advisory				

Table 5: Mapping of Service Areas to Team Types

## 4.2 Why Knowledge Transfer Is Not a Must for Any Team Type

All four team types (i.e., CSIRT, ISAC, PSIRT, SOC) likely perform some services of the *Knowledge Transfer* service area. This service area is crucial for each type of incident management or security capability because these capabilities collect relevant data; perform detailed analysis; identify threats, trends, and risks; and create best current operational practices to help organizations detect, prevent, and respond to information security incidents. Transferring this knowledge to their constituents is crucial to improving overall information security at organizational and community levels.

The Training and Awareness service is important to all incident management capabilities and their constituencies. It may be more prevalent in CSIRTs and ISACs, but for defined communities of interest, PSIRTs and SOCs can also conduct this service. Training exercises are suitable for all four team types and technical or policy advisory roles.

However, it is resource intensive for any incident management capability to develop and deliver training materials; therefore, it is not always possible to provide the Training and Awareness service. It is often more effectively handled by specialized units of a team's parent organization (e.g., a training group or an external third-party contractor with expertise in knowledge transfer). When specialized units provide this service, the ideal approach involves these units gathering input from the incident management team and subsequently producing content based on this input, which is then delivered in training and distributed in materials.

For these reasons, no *Knowledge Transfer* activities should be considered a **MUST** for any of the four team types. However, this does not mean that these team types would not provide these services, but these services are not mandatory for CSIRTs, ISACs, PSIRTs, or SOCs.

## 4.3 Why We Did Not Define Managed Security Service Providers

Managed security service providers offer a variety of security incident management related services, which would be considered a CSIRT or SOC offering in most other contexts. It is entirely acceptable to provide a range of services, especially when customers are paying for them.

Therefore, we believe that it is acceptable to offer CSIRT services to customers, but when they are offered, they should be compatible with our definition of services offered by a *CSIRT*. That means that additional services might be offered, but no service considered mandatory (i.e., labeled *MUST*) should be omitted.

For marketing reasons, service providers may call themselves whatever they want. Ultimately, it is the responsibility of the customer to confirm whether the services offered fulfill their requirements.

Global or national cybersecurity communities may consider investigating "false flag" operations that deliberately use marketing terms without providing the services typically associated with the team's name.

#### 4.4 Why We Did Not Define a SOC as Part of a CSIRT or Vice Versa

As we described earlier, a SOC and a CSIRT can be implemented independently since they each can provide distinct services. However, if both teams exist within the same organization, it is imperative to establish suitable interfaces between them.

In many contexts, only one team exists—either a SOC or a CSIRT. However, whichever team it is must be careful about the services it offers. A name that includes only *CSIRT* or *SOC* might not represent the entire set of services it provides. The name only reflects the focus of the team and the emphasis of the parent organization. This is especially obvious when we analyze the requirements further:

- A *SOC without a CSIRT* must have a process for managing the identified information security incidents or analyzing further potential incidents. This process does not have to be a CSIRT's responsibility, but many organizations choose to implement a CSIRT-like capability that is sometimes organizationally integrated within a SOC.
- A *CSIRT without a SOC* must have a process for independently analyzing all available information security events. It must also manage the critical data sources used to identify attacks and assess their success. If large amounts of data must be analyzed, SOC-like services must be used. This analysis does not have to be a SOC's responsibility, but many organizations choose to implement a SOC-like capability since it is a functional and economic solution. As stated earlier, sometimes both CSIRT and SOC teams are organizationally integrated.

This framework does not address how two team types that collaborate to respond to information security incidents are structured inside the organization and which is the principal team that is ultimately responsible for the services provided. As part of its governance structure, the organization must define the roles and responsibilities and the authority of both team types. In practice, some organizations form these combined teams and call them a SOC; other organizations use CSIRT as part of the name. Both approaches are acceptable; there are no rules about how to name an internal team.

#### 4.5 Why We Did Not Define a New Name for a Combined CSIRT and PSIRT

In some organizations that are typically categorized as vendors, various incident management capabilities coexist. Originally, mostly CSIRTs and PSIRTs coexisted; however, a SOC (at least) will now also likely coexist with the CSIRT and PSIRT in these settings. Since CSIRTs and PSIRTs share some common needs and are built on similar internal support services (e.g., a hotline for their constituents), some vendors decided to include both services in the same organizational unit.

Sometimes, those units find it difficult to communicate that they are both a CSIRT and PSIRT. Instead of using naming including the team type, like “NAME CSIRT and PSIRT” they prefer to use a unique name like “NAME XYZ.” To date, no naming conventions have been developed; however, most vendors seem to prefer establishing internal CSIRTs that manage their own information assets and infrastructures independently from customer-focused PSIRTs because of the very distinctive needs of the constituencies each of them serves.

#### 4.6 Why We Did Not Define CDC or NCSC

Some organizations started as a CSIRT and added more services and personal resources, only to find that over time, they were doing much more than a typical CSIRT. Therefore, they chose to use other team names, such as CDC (Cyber Defense Center) or CSC (Cyber Security Center), to convey that the combined team is more than just a CSIRT, ISAC, or SOC.

Interestingly, both abbreviations are used in different communities. To date, *CDC* is used in companies, government or sector organizations where other security services are combined with CSIRT services but also ensure an appropriate level of information security through proactive measures. Sometimes *CSC* is used for these teams, but *CSC* is more often used within a national context for *National Cybersecurity Centers* (i.e., *NCSC*).

Although *CDCs*, *CSC*, or *NCSCs* are recognized for their combined capabilities, the specific security incident management services they provide are not distinct from those provided by the four basic team types defined in this framework and are therefore already covered.

## ANNEX 1: Acknowledgments

The following volunteers from the global community contributed significantly to the initial release of this report. They are listed in alphabetical order by their last name, without a title but with their affiliation and/or country:

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## ANNEX 2: Supporting Resources

Empowering EU Information Sharing Analysis Centres (ISACs) Consortium. *European ISACs Website*. October 2023 [accessed]. <https://www.isacs.eu/european-isacs/>

FIRST Computer Security Incident Response Teams (CSIRTs) Services Framework, Version 2.1. *FIRST.Org Website*. 2019. <https://www.first.org/standards/frameworks/csirts/>

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