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Cyber Detect & Respond Portal – *Reference Guide for MS-ISAC & EI-ISAC Members*

October 2021

Version 2.1

Deloitte.

The purpose of this reference guide is to provide Multi-State Information Sharing & Analysis Center (MS-ISAC) and Elections Infrastructure (EI)-ISAC members with introductory, high-level information on Deloitte's Cyber Detect and Respond Portal ("Portal"), as well as to highlight important functions and features of the Portal and where Threat Advisories, Vulnerabilities, and other information can be obtained within the platform. This guide is also intended to aid users in navigating the Portal using screenshots along with informative boxes, arrows, text, etc. (in green font) to highlight and describe features and options for filtering searches, sorting information, configuring email notifications, etc. to improve the relevancy and usefulness of the Portal's Cyber Threat Intelligence (CTI) and other information. However, this reference guide is *not* meant to be an official and exhaustive manual on *all* functions and features of the Portal.

Table of Contents

Overview of Cyber Detect & Respond Portal

- Deloitte's Cyber Detect & Respond Portal ("Portal") is a secure, online platform for obtaining industry-leading **Cyber Threat Intelligence (CTI)** for enhancing knowledge, understanding, and the ability to identify potential cyber threats & attacks and reduce enterprise cyber risk.

- The Portal provides **in-depth analysis and recommendations from Deloitte's worldwide network of Cyber threat analysts**, with **threat reports mapped to known tactics, techniques, and procedures (TTPs)** of cyber threat actors and malware campaigns.
  - Threat reports include **mappings of observed threat actor techniques to MITRE ATT&CK® Framework tactics** to help network defenders focus threat identification and hunting on behaviors and artifacts which may indicate a cyberattack.
  - Reports include real-world samples of observed attack procedures (e.g., phishing email excerpts, sanitized malicious code)

- The Portal also enables a ***"pull" vs. "push" approach for obtaining CTI*** that is ***tailored to an organization's specific IT environment and cyber threat landscape***.
  - **Filter by categories and keywords** specific to threat actor group, malware campaign, system / application, industry, etc. to "reduce noise" and **focus on cyber threat and vulnerability information most relevant to your organization**.
  - **Configure email-based threat notifications and reporting, vulnerability notifications**, etc. **according to desired frequency** (e.g., daily, weekly) and filtered according to relevant categories of information, as noted above.
  - The **Portal Dashboard includes numerous options for tailoring graphical information on cyber threats and vulnerabilities** presented in individual "modules" (i.e., tiles) and even the ability to establish multiple dashboards, each with its own set of modules with differently configured graphical information providing a uniquely valuable view to a particular user.

MITRE ATT&CK® model

Cyber Threat reports available in the Deloitte Portal include all observed techniques mapped to relevant MITRE ATT&CK® tactics, as demonstrated in the *notional* example below.

TACTICS *(The "why?")*

TECHNIQUES *(The "how?" & the "what?")*

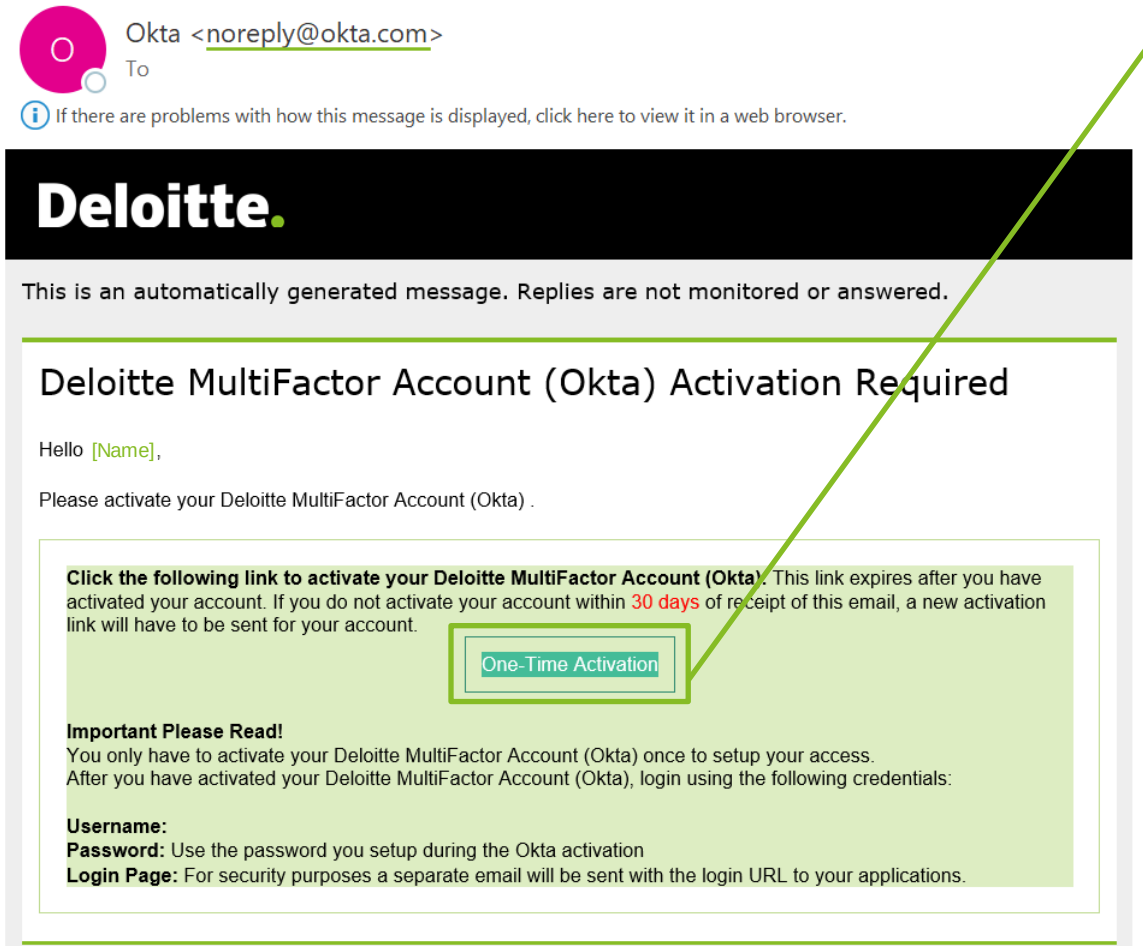
Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Command & Control	Exfiltration	Impact
Brute Force	PowerShell	External Remote Services	Bypass User Account Control	Bypass User Account Control	Brute Force	Local Network Discovery	Legitimate Credentials	Input Capture	Data Obfuscation or Encrypted	C2 Communication Obfuscated or Encrypted	Data Destruction or Encryption
Downloaders/ Droppers	Process Hollowing	Legitimate Credentials	DLL Injection	Data Encoding	Credential Dumping	Network Shares	Local Network Discovery	Network Shares	Commonly Used Ports and Protocols	Remote Desktop Protocol	Vulnerability Exploitation
Phishing/ Spam email	PsExec	Modify Existing Service or Create New Service	Legitimate Credentials	DLL Injection	Input Capture	System Information Discovery	Network Shares	Network Sniffing	Connection Proxy	Remote File Copy	
Remote Desktop Protocol	Regsvr32	Network Shares	Modify Existing Service or Create New Service	Masquerading	Network Sniffing		PsExec		Uncommonly Used Port		
Remote File Copy	Rundll32	Registry Run Keys/Start Folder	Vulnerability Exploitation	Modify Registry	Vulnerability Exploitation		Remote Desktop Protocol				
Vulnerability Exploitation	Scheduled Task	Remote Desktop Protocol	Web Shell	Process Hollowing			Remote File Copy				
	Scripting	Scheduled Task		Regsvr32			Remote Services				
	Third-party Software	Web Shell		Rundll32			Third-party Software				
	Windows Management Instrumentation (WMI)	Windows Management Instrumentation (WMI)		Scripting			Windows Management Instrumentation (WMI)				
	Windows Remote Management			Vulnerability Exploitation			Windows Admin Shares				
							Vulnerability Exploitation				
							Windows Remote Management				

MITRE ATT&CK® includes a fully comprehensive matrix and knowledge base of adversary tactics and techniques based on real-world observations, which, along with additional information on MITRE ATT&CK ®, is available at: https://attack.mitre.org/.

Account and authentication setup in Portal

Once a new user is provisioned an account in Deloitte's Cyber Detect and Respond Portal ("Portal"), the user will receive an invitation email, per below:

- Invitation email will be sent from: noreply@okta.com. *(Please note this is a "noreply" email address which is only used to send emails but cannot receive them.)*
- If you do not receive this email, please check your junk folder. If you still cannot find it, please reach out to: AthenaContactUs@deloitte.com for assistance.
- Each user must activate his/her new Okta account (per email screenshot at below left) ***within 30 days of email receipt or the invitation will expire***.
- Another email with the Portal URL and detailed instructions for setting up account authentication will be received from: USAdvisoryCSApp001@deloitte.com.



Okta <noreply@okta.com>
To

If there are problems with how this message is displayed, click here to view it in a web browser.

Deloitte.

This is an automatically generated message. Replies are not monitored or answered.

Deloitte MultiFactor Account (Okta) Activation Required

Hello [Name],

Please activate your Deloitte MultiFactor Account (Okta) .

Click the following link to activate your Deloitte MultiFactor Account (Okta). This link expires after you have activated your account. If you do not activate your account within 30 days of receipt of this email, a new activation link will have to be sent for your account.

One-Time Activation

Important Please Read!
You only have to activate your Deloitte MultiFactor Account (Okta) once to setup your access.
After you have activated your Deloitte MultiFactor Account (Okta), login using the following credentials:

Username:
Password: Use the password you setup during the Okta activation
Login Page: For security purposes a separate email will be sent with the login URL to your applications.

Okta Activation - Steps following clicking the "One-Time Activation" link:

1. Type in a new password following the password requirements.
2. Select and answer a security question. This is what you will use for the password self-reset feature.
3. Choose a picture for your security image, and then click on "Create My Account."
4. Click "Got it!" on the Okta Notification.
5. Click on the "Cyber Detect and Respond Portal" application: D. Cyber Detect and Respond Portal.
6. Choose between setting up the MFA using:
   a. Okta Verify (native phone app)
   b. SMS Authentication

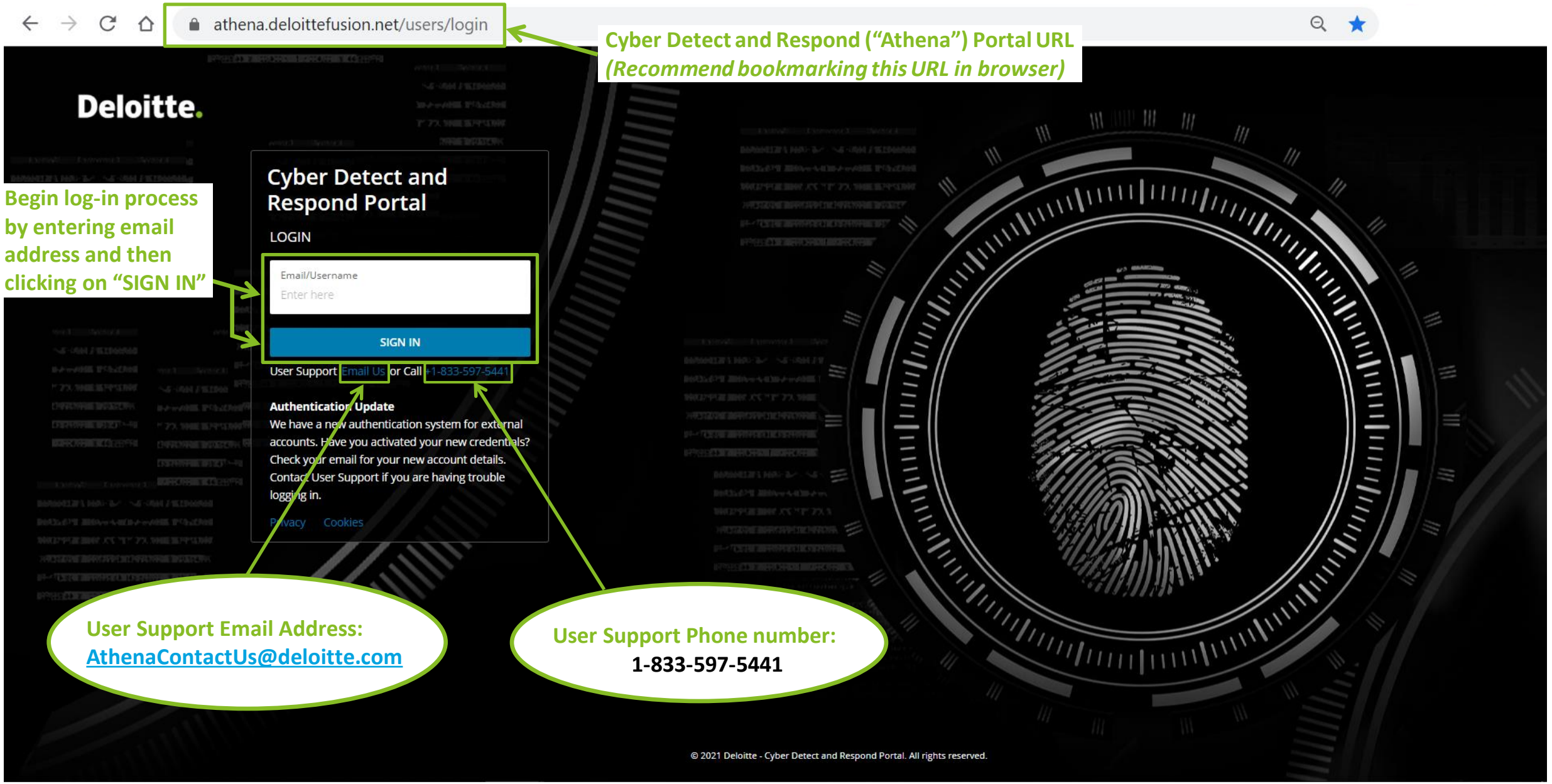
Okta Verify - Setup

1. Click on your device type (e.g., iOS, Android) and then click on "Next."
2. Scan the QR barcode to add your account.
3. Click on "Send Push" to send a push notification to your phone. Tap approve on your phone and the system will log you in.

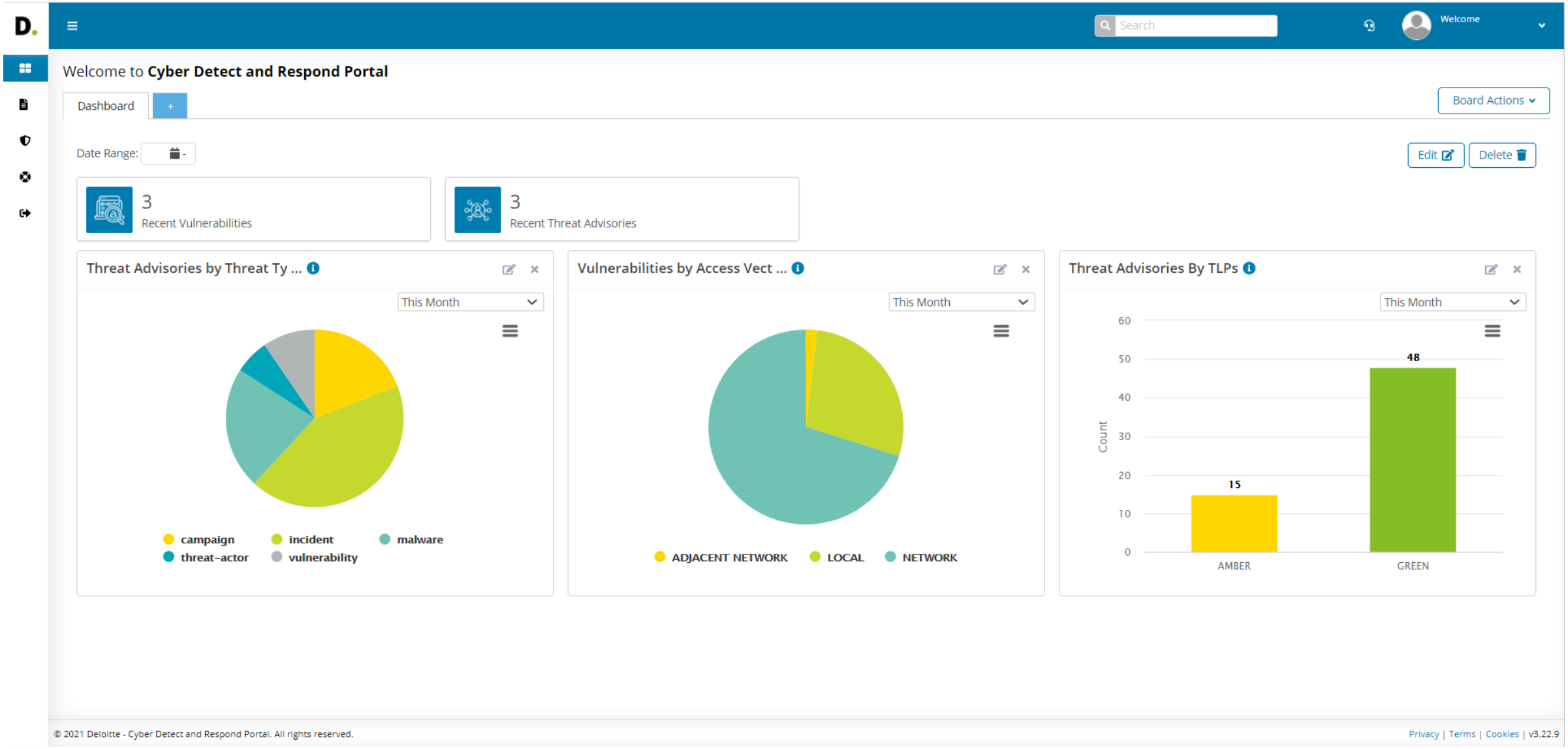
Okta SMS Authentication - Setup

1. Input your mobile phone number and click on "Send Code."
2. Input the code you received via text message and click on Verify. The system will then log you in.

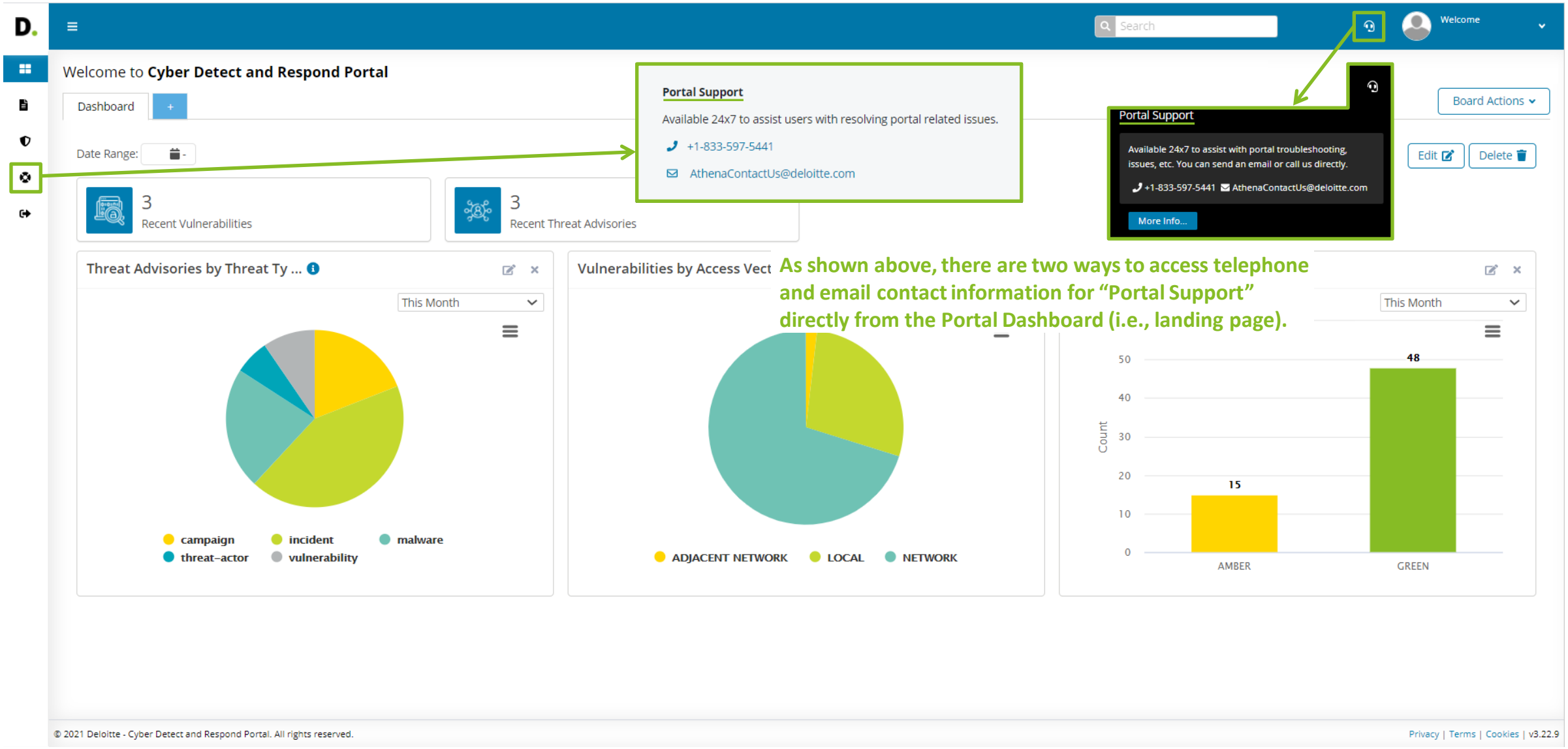
Accessing Cyber Detect & Respond Portal



Dashboard view

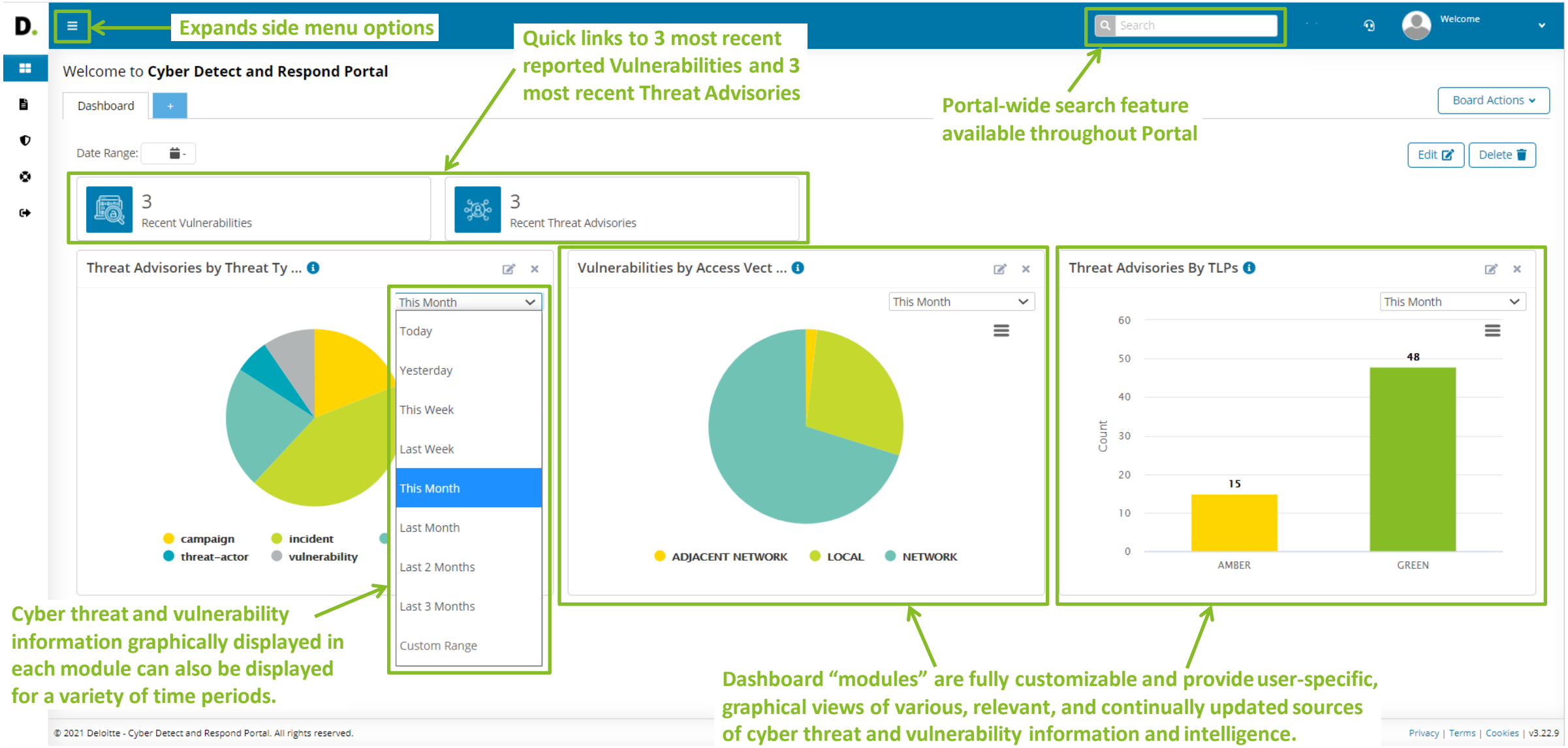


Dashboard view (cont'd)

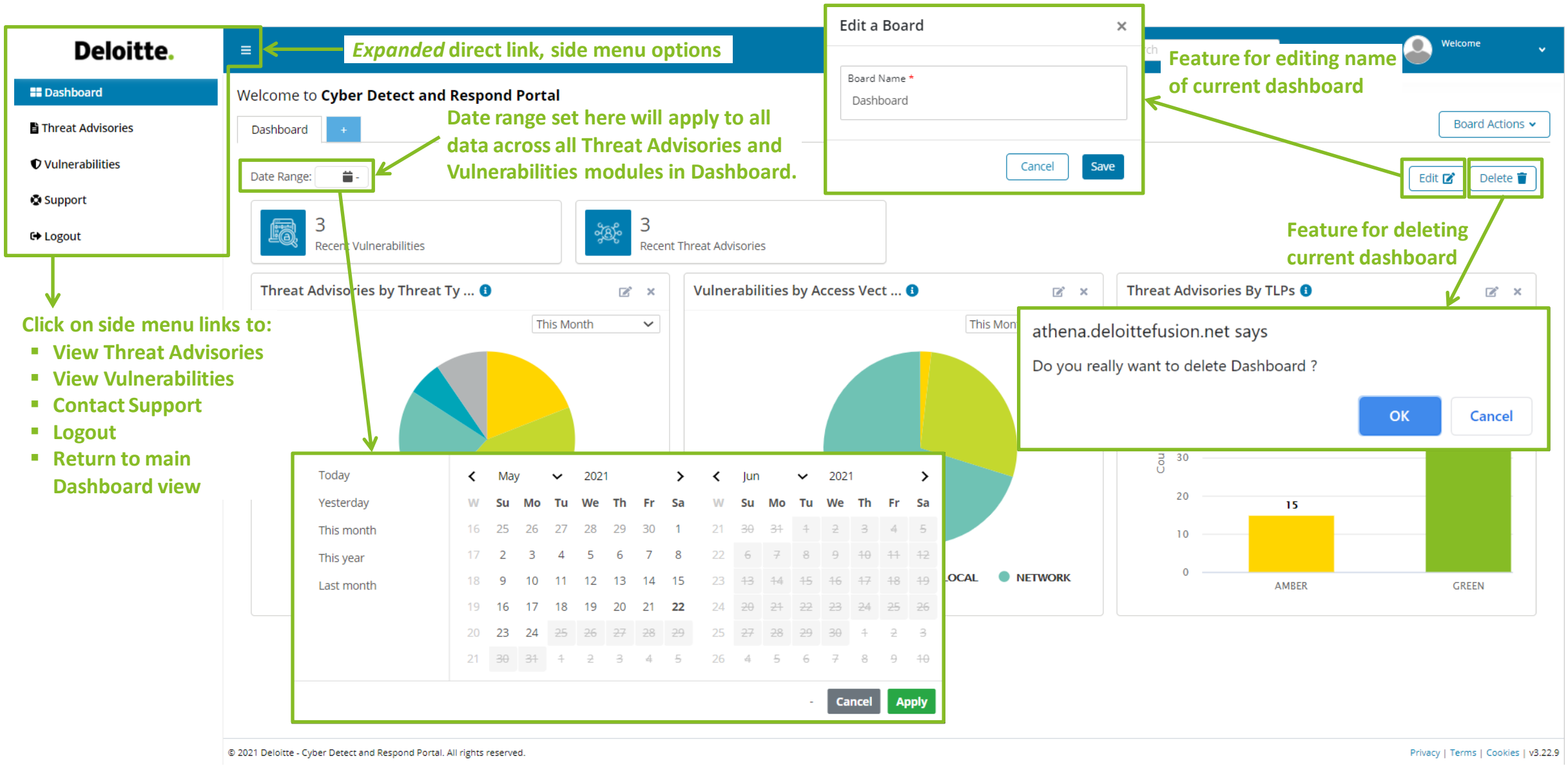


As shown above, there are two ways to access telephone and email contact information for "Portal Support" directly from the Portal Dashboard (i.e., landing page).

Dashboard view (cont'd)



Dashboard view (cont'd)



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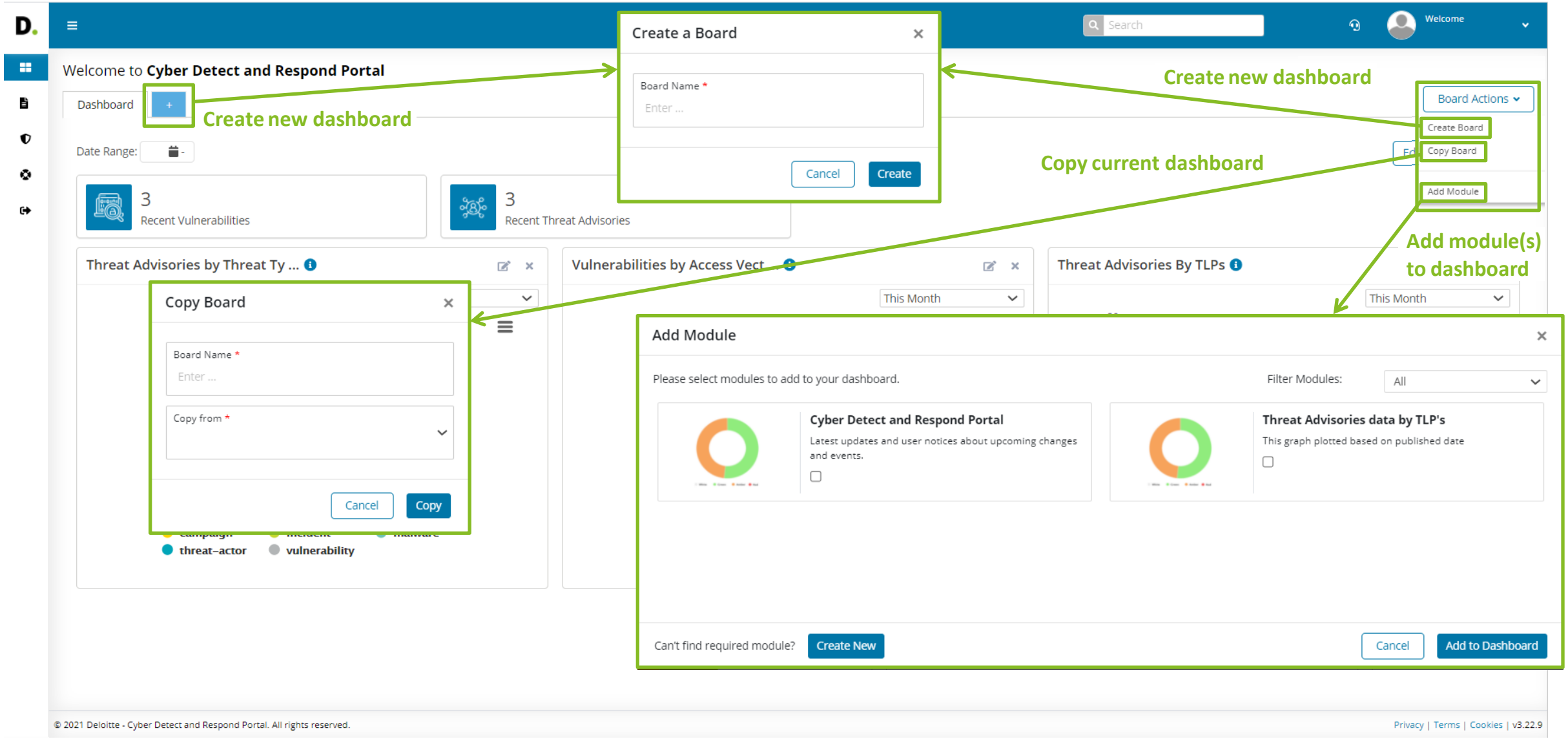
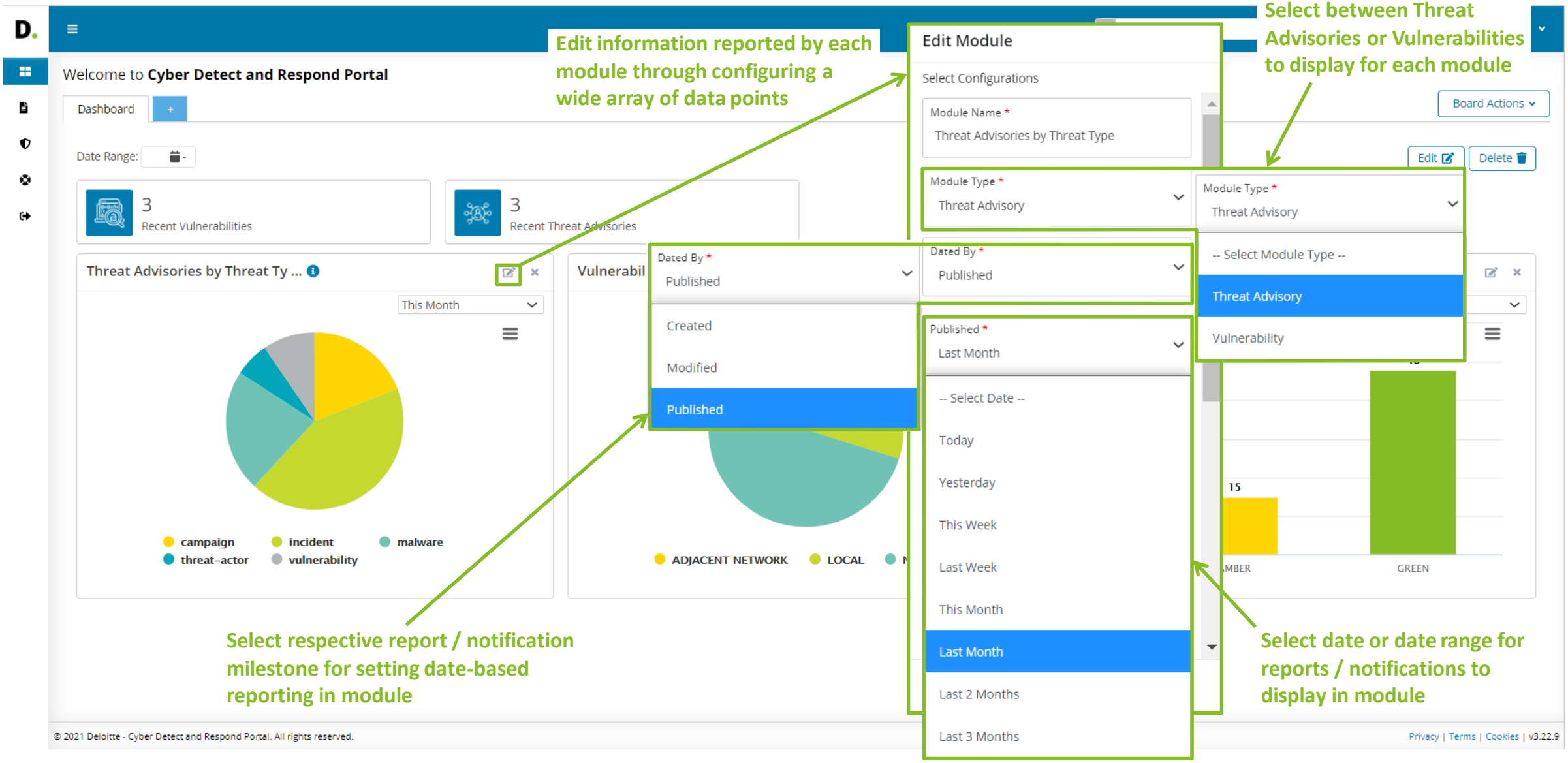


Dashboard view (cont'd)



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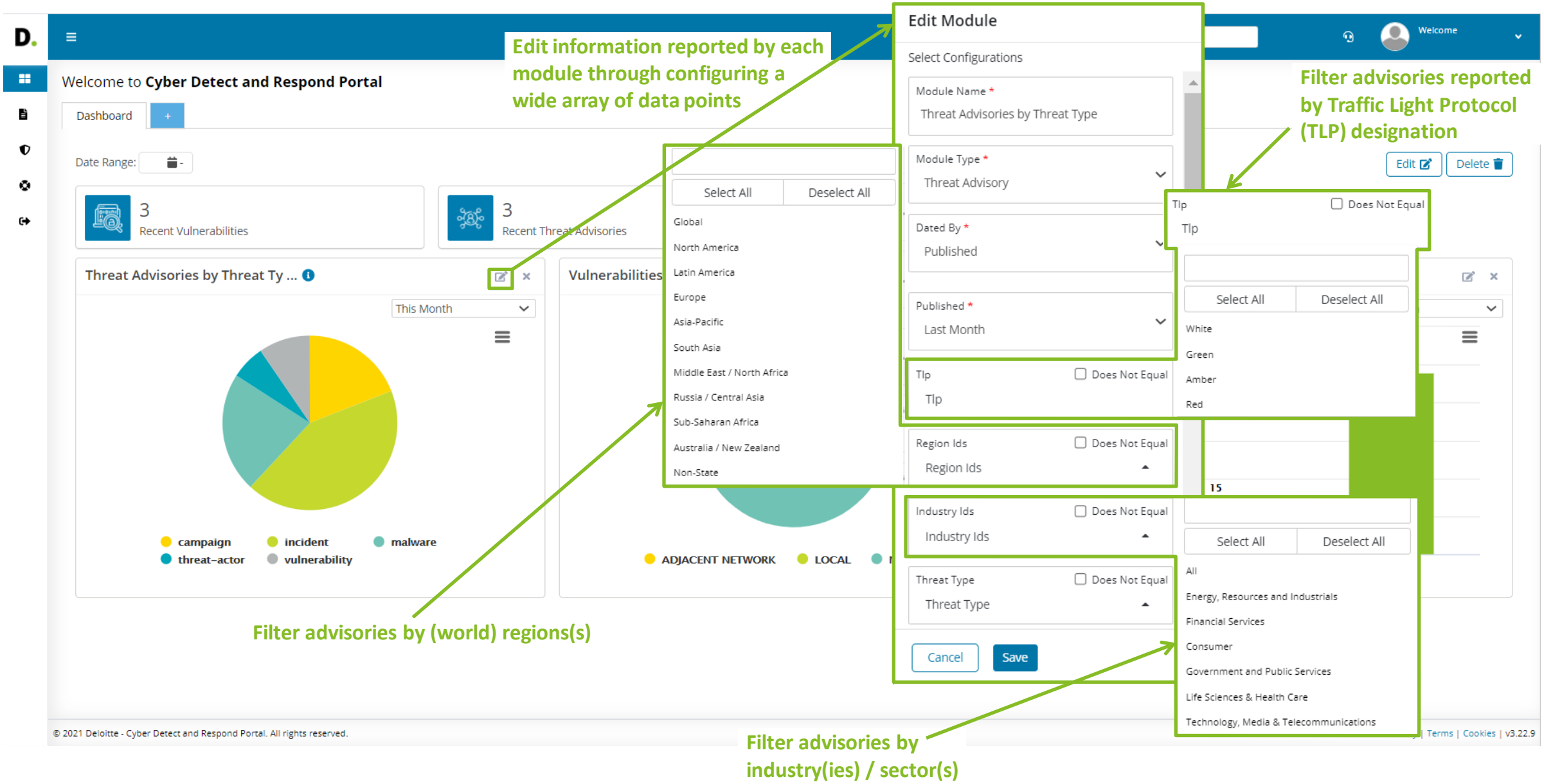

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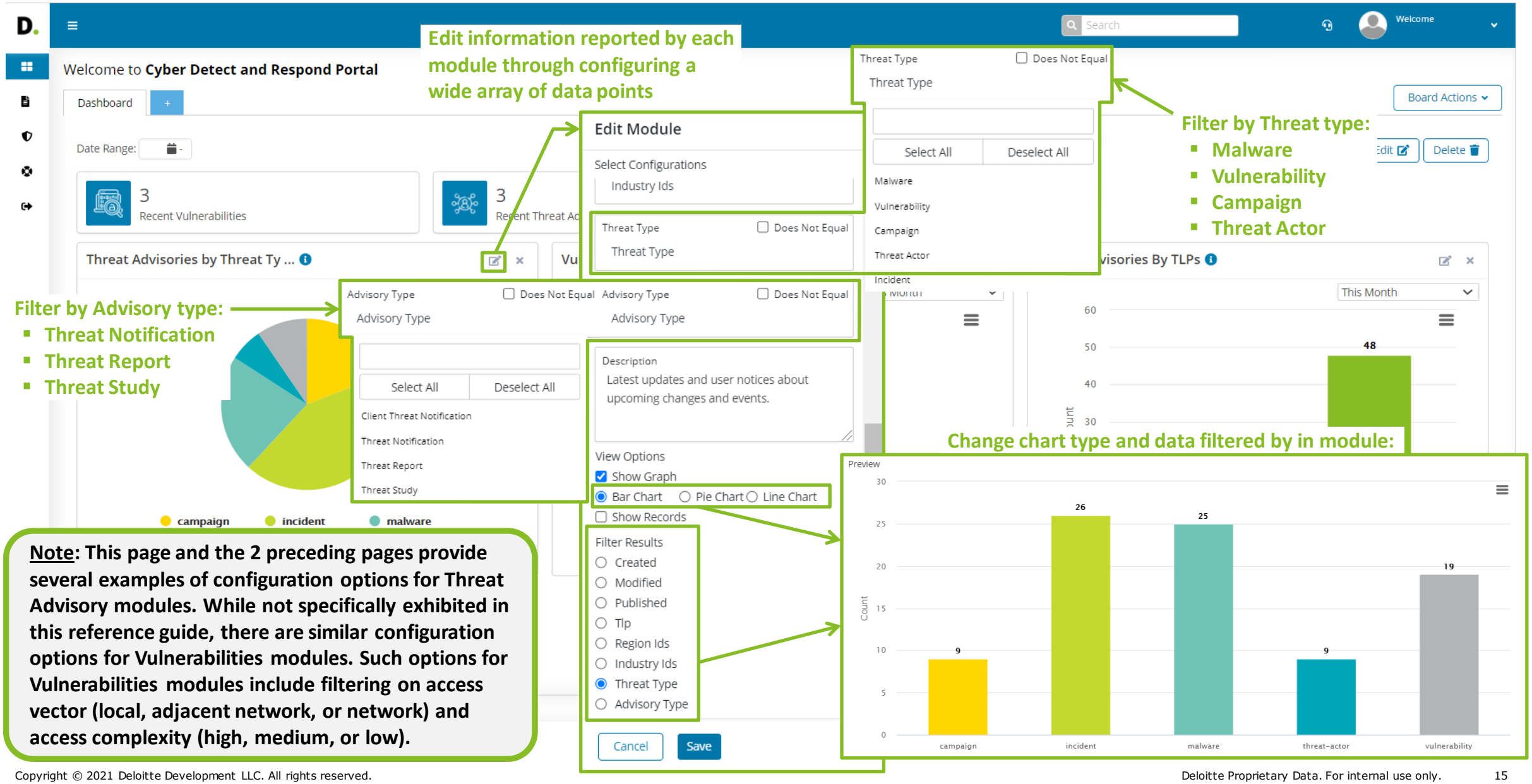
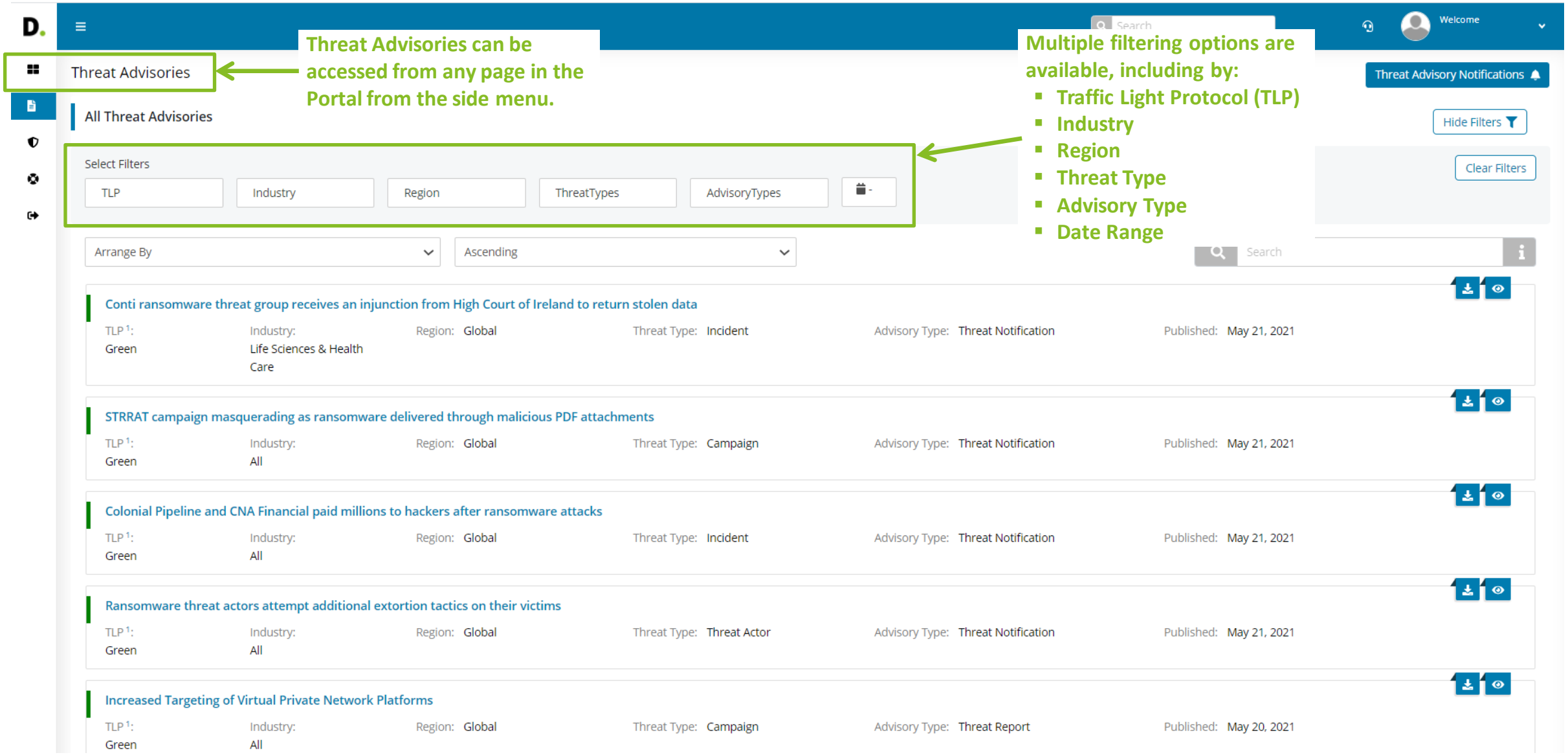
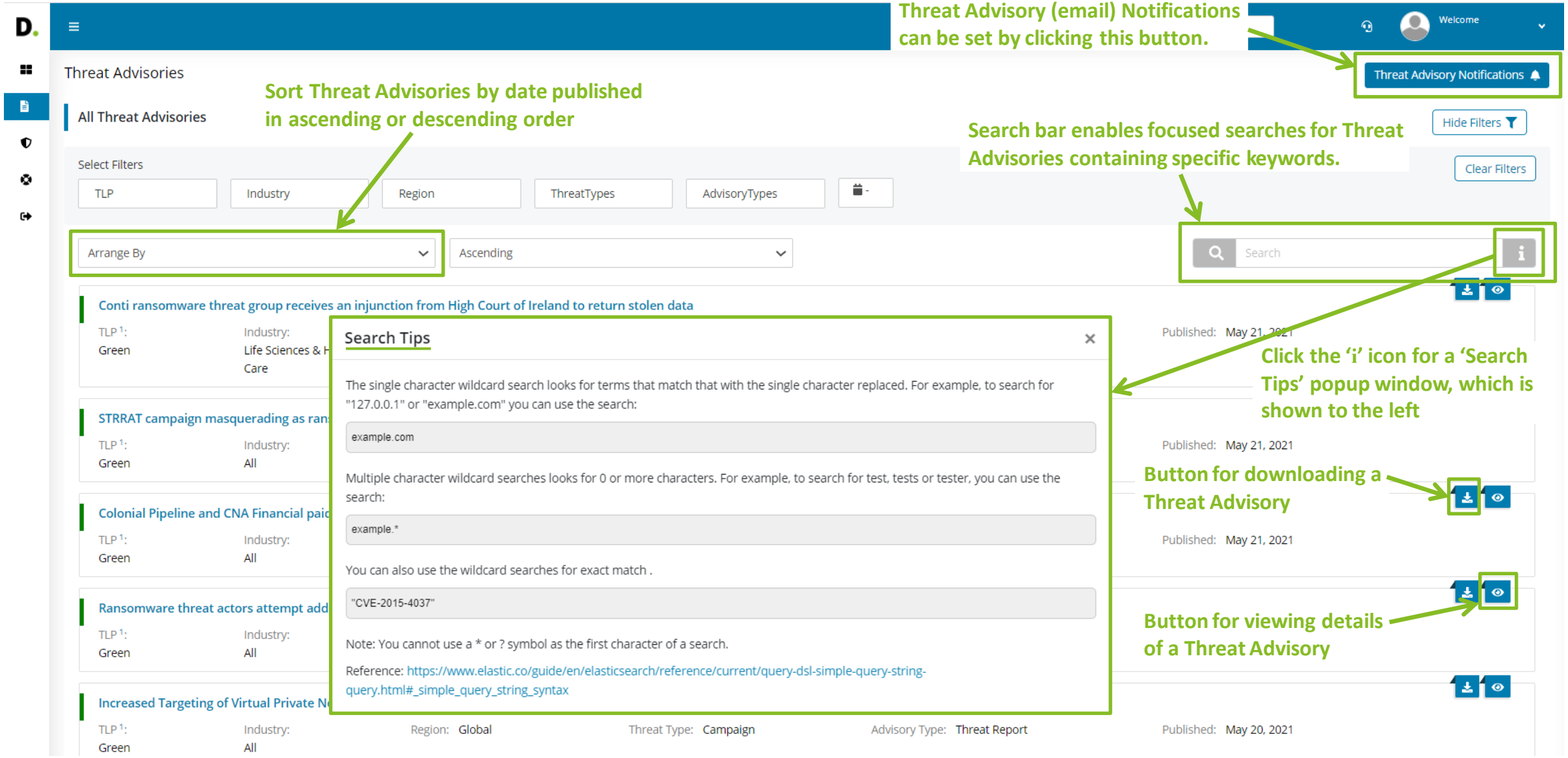


Note: This page and the 2 preceding pages provide several examples of configuration options for Threat Advisory modules. While not specifically exhibited in this reference guide, there are similar configuration options for Vulnerabilities modules. Such options for Vulnerabilities modules include filtering on access vector (local, adjacent network, or network) and access complexity (high, medium, or low).

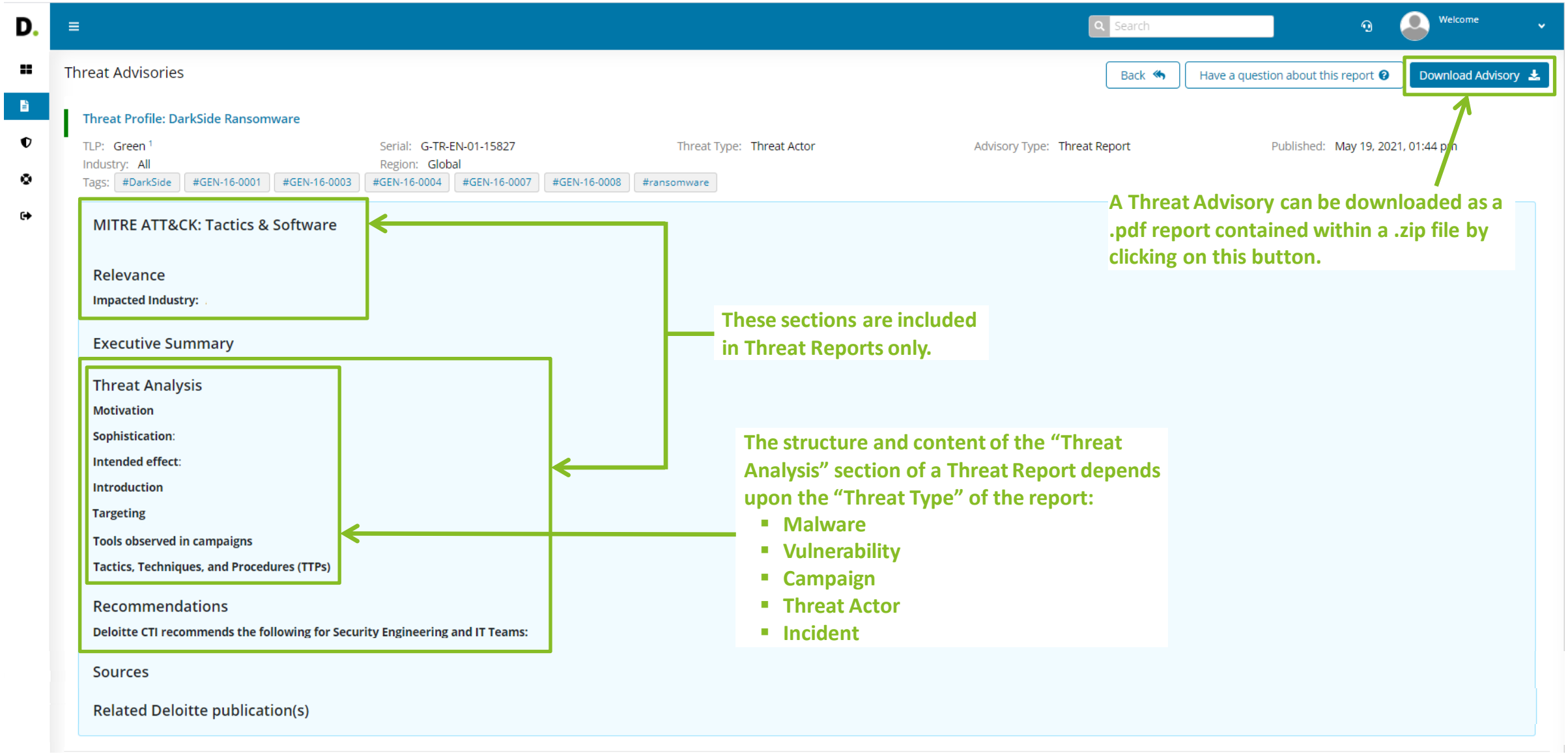
Threat Advisories view



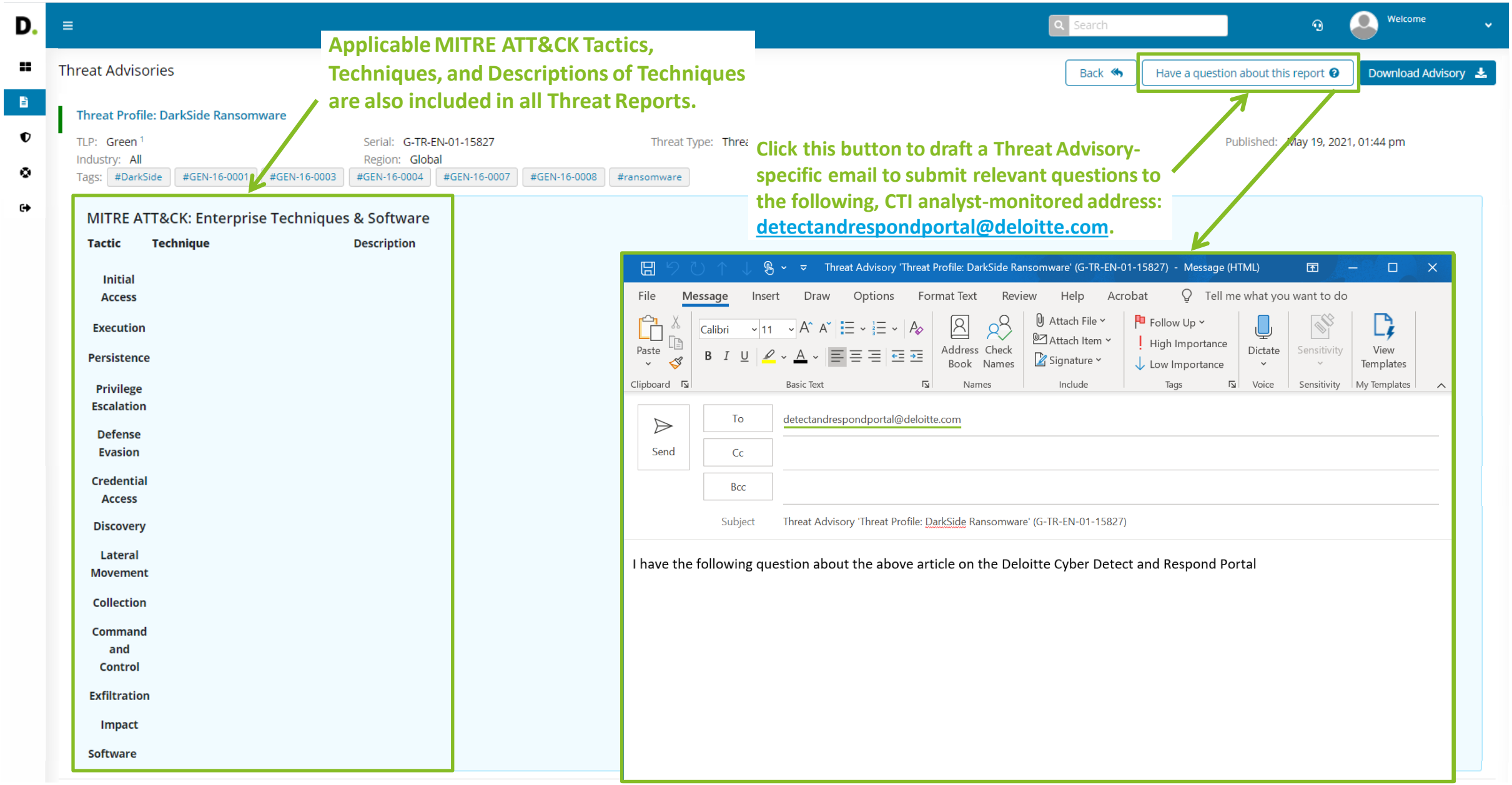
Threat Advisories view (cont'd)



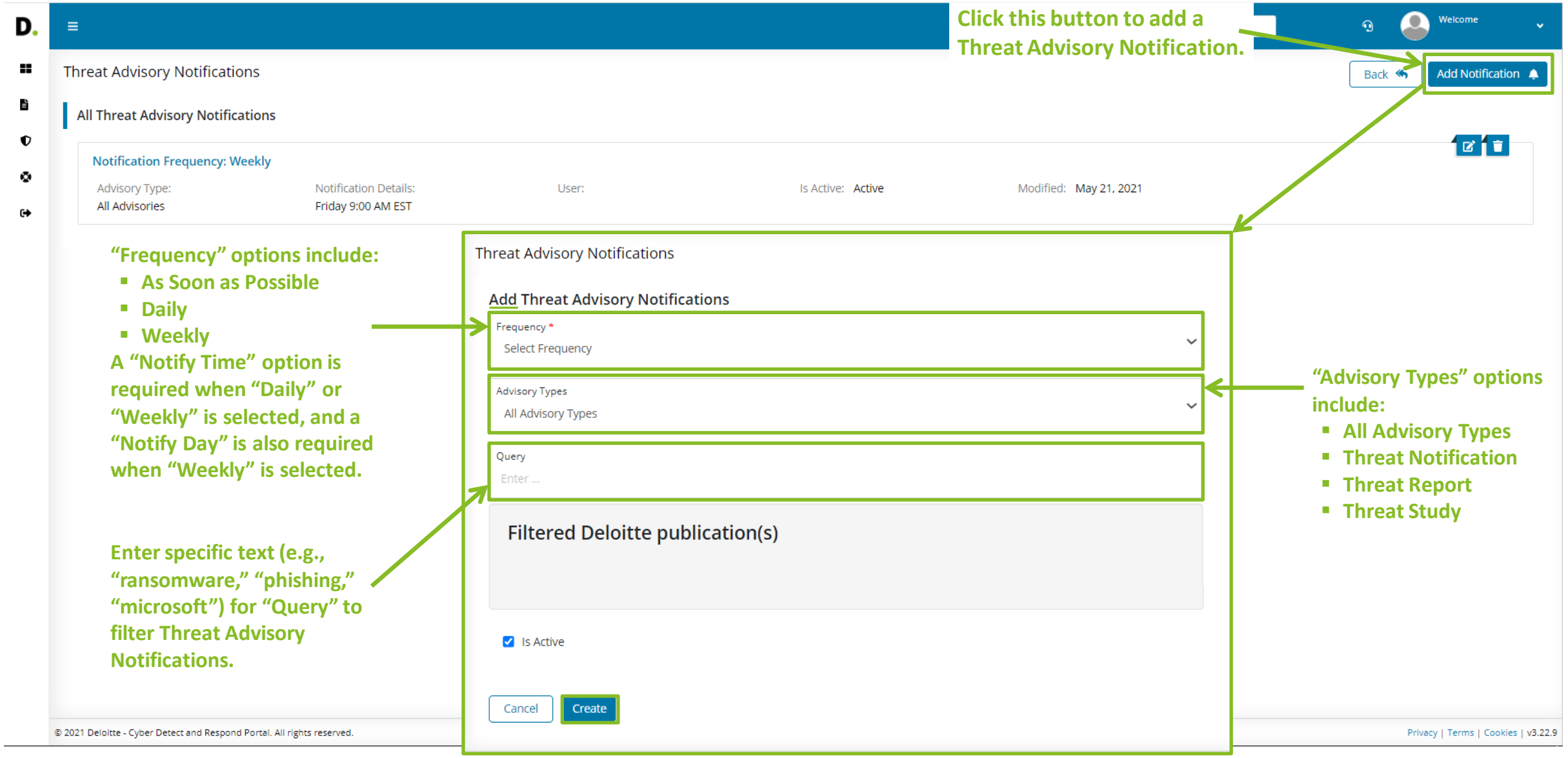
Threat Advisory in-depth



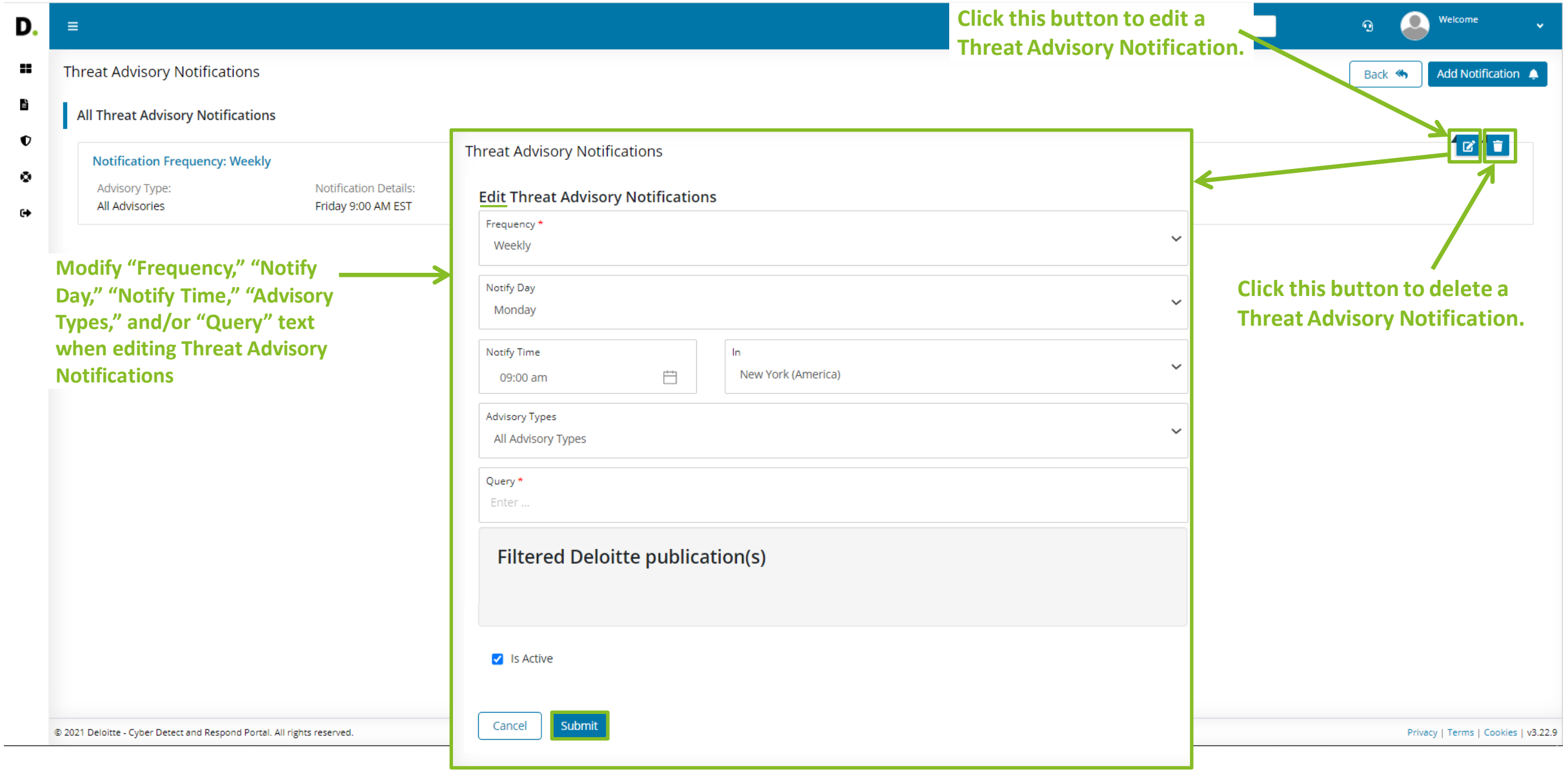
Threat Advisory in-depth (cont'd)



Adding Threat Advisory Notifications



Editing Threat Advisory Notifications

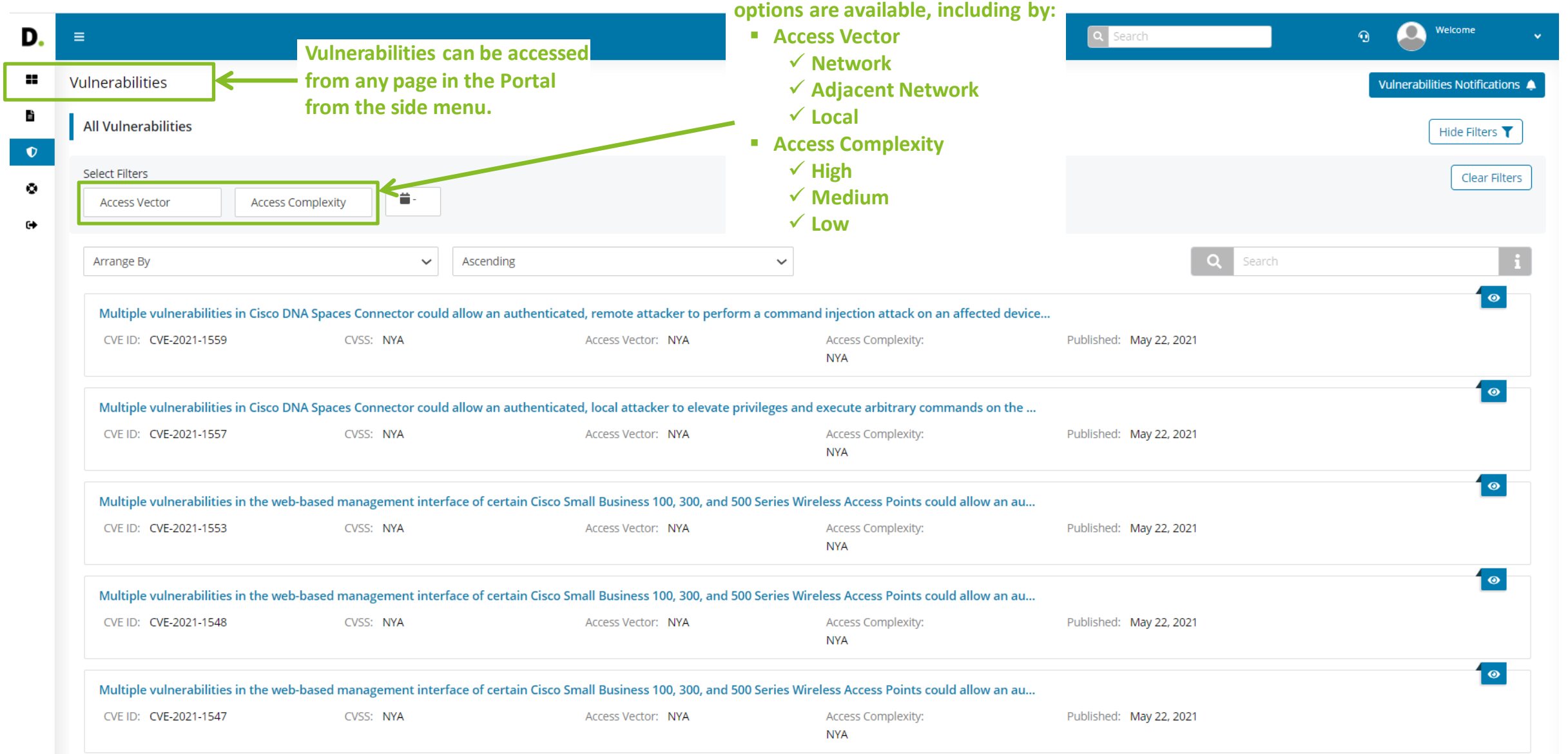


Vulnerabilities view

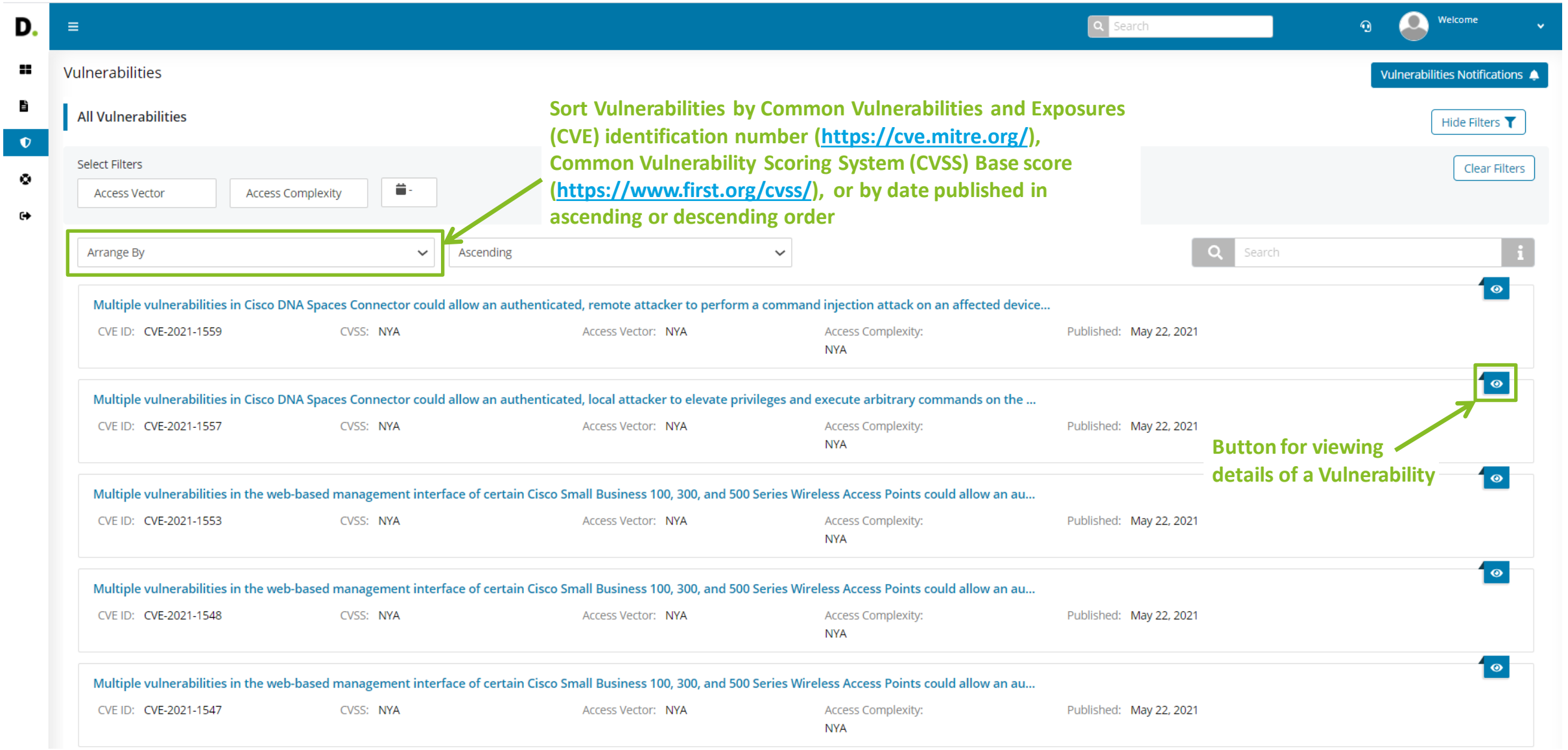
Vulnerabilities can be accessed from any page in the Portal from the side menu.

Multiple Vulnerabilities filtering options are available, including by:

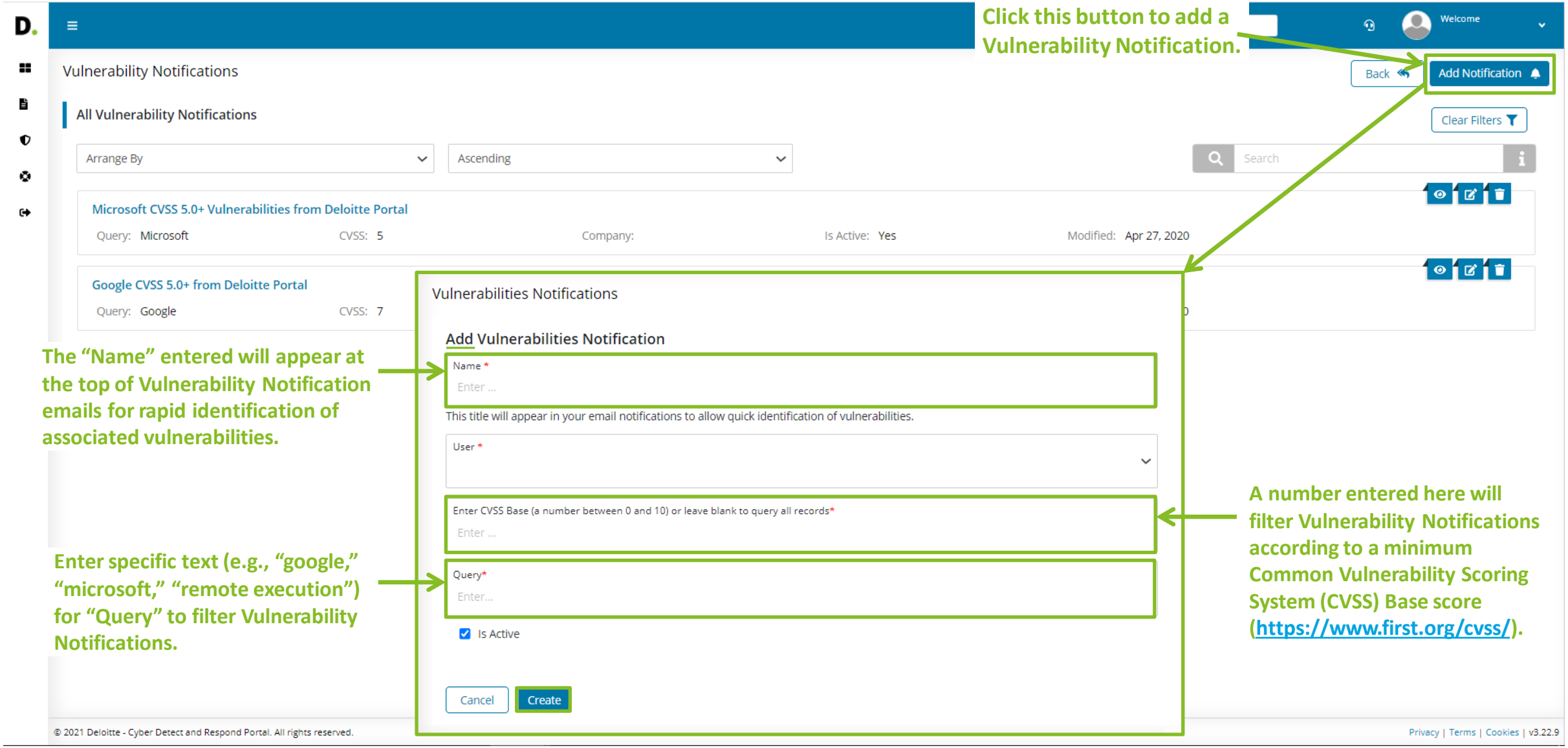
- Access Vector
  - ✓ Network
  - ✓ Adjacent Network
  - ✓ Local
- Access Complexity
  - ✓ High
  - ✓ Medium
  - ✓ Low



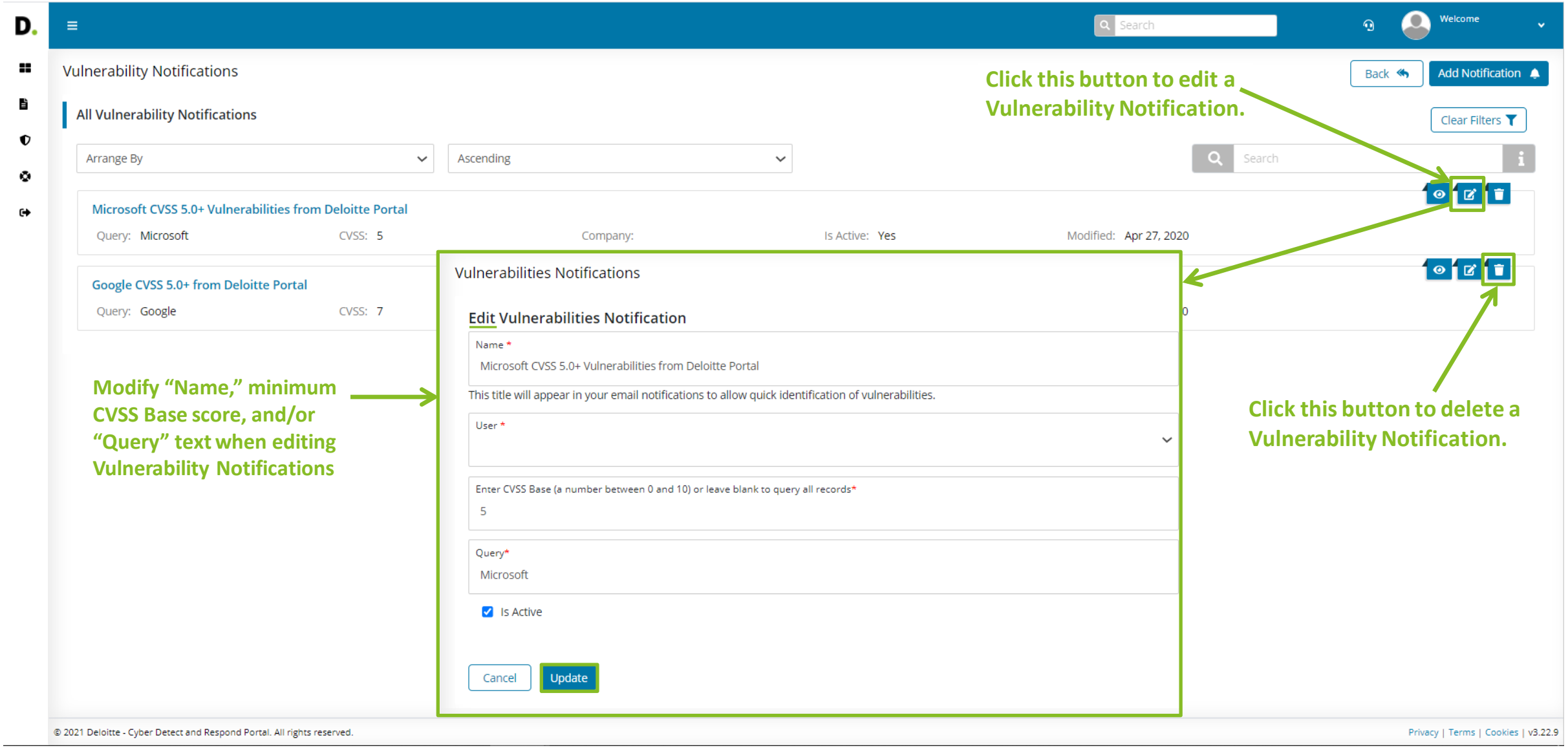
Vulnerabilities view (cont'd)



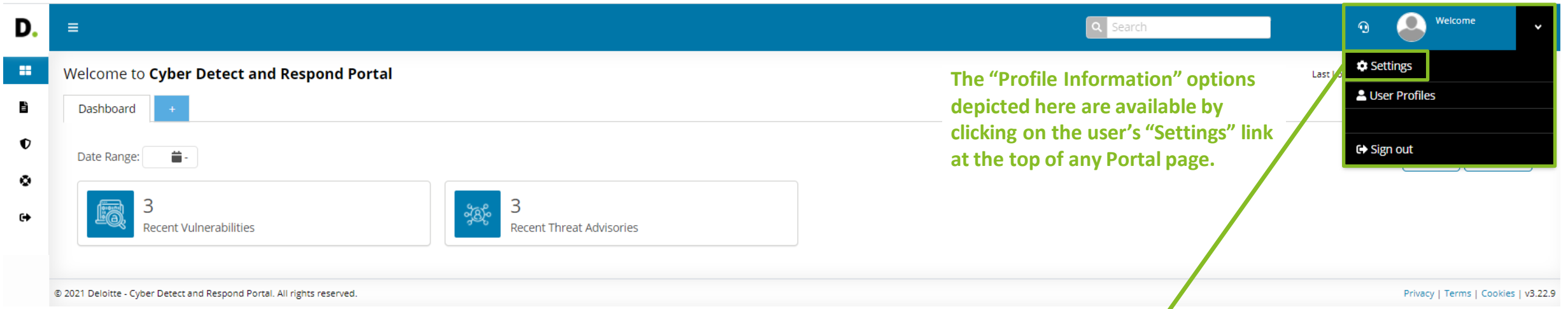
Adding Vulnerability Notifications



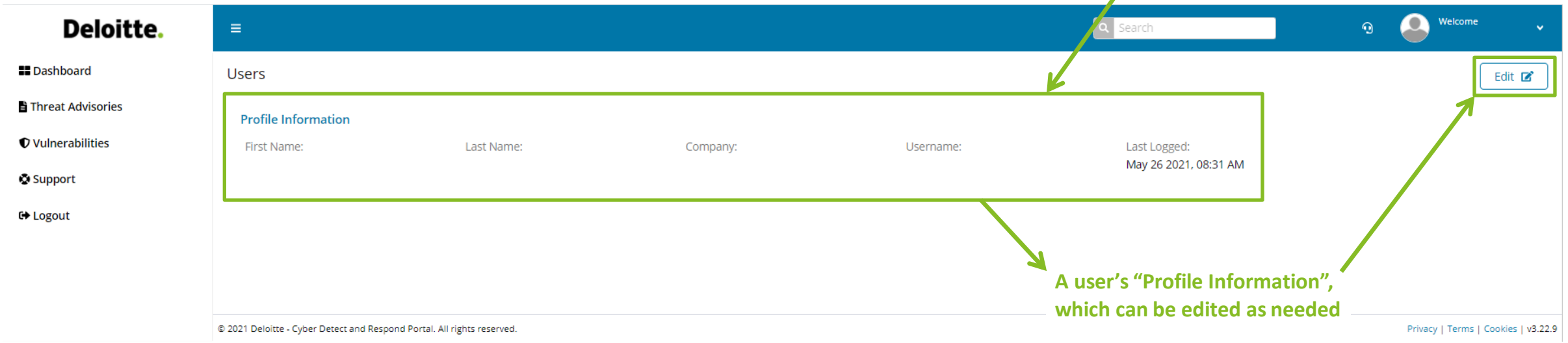
Editing Vulnerability Notifications



Account Settings view

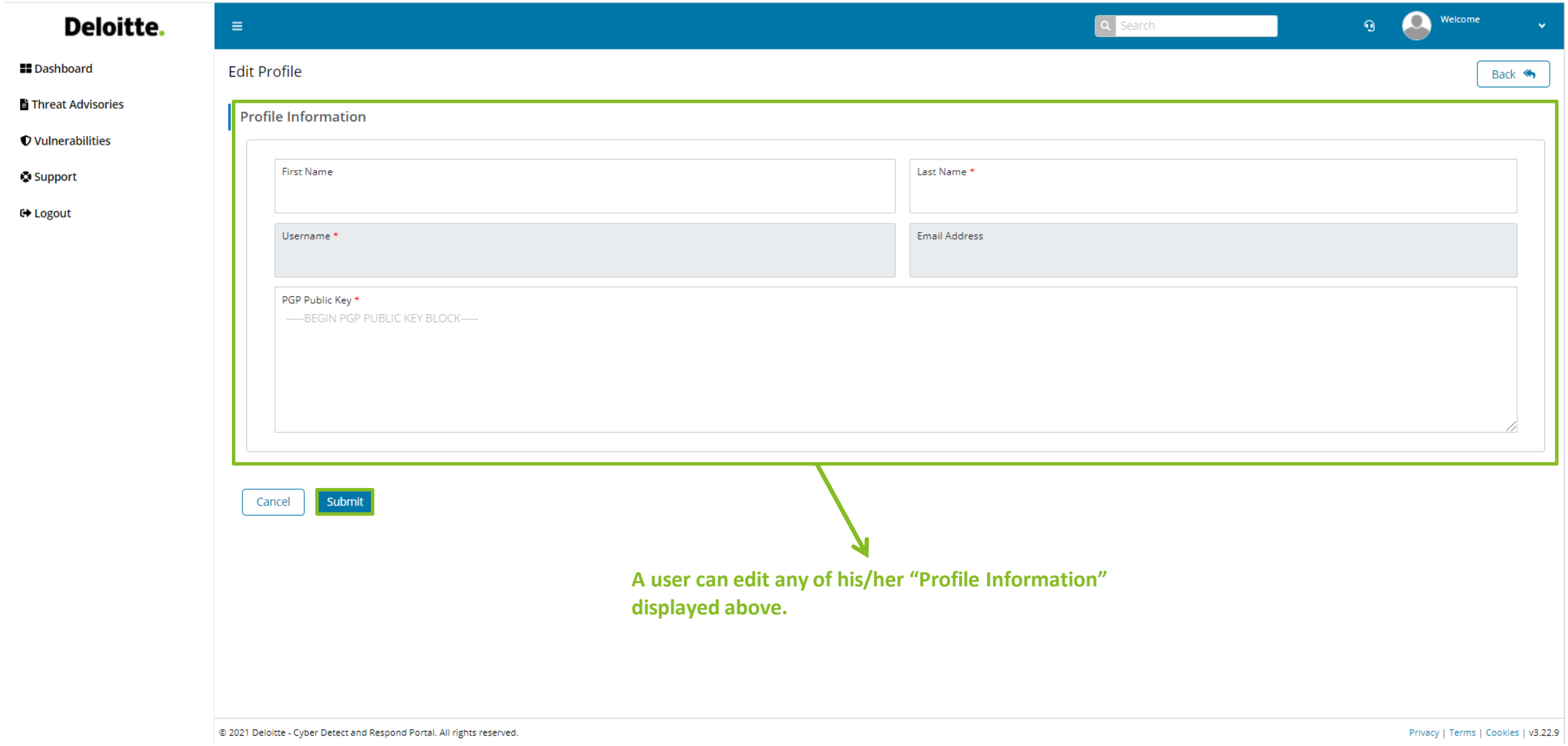


The "Profile Information" options depicted here are available by clicking on the user's "Settings" link at the top of any Portal page.



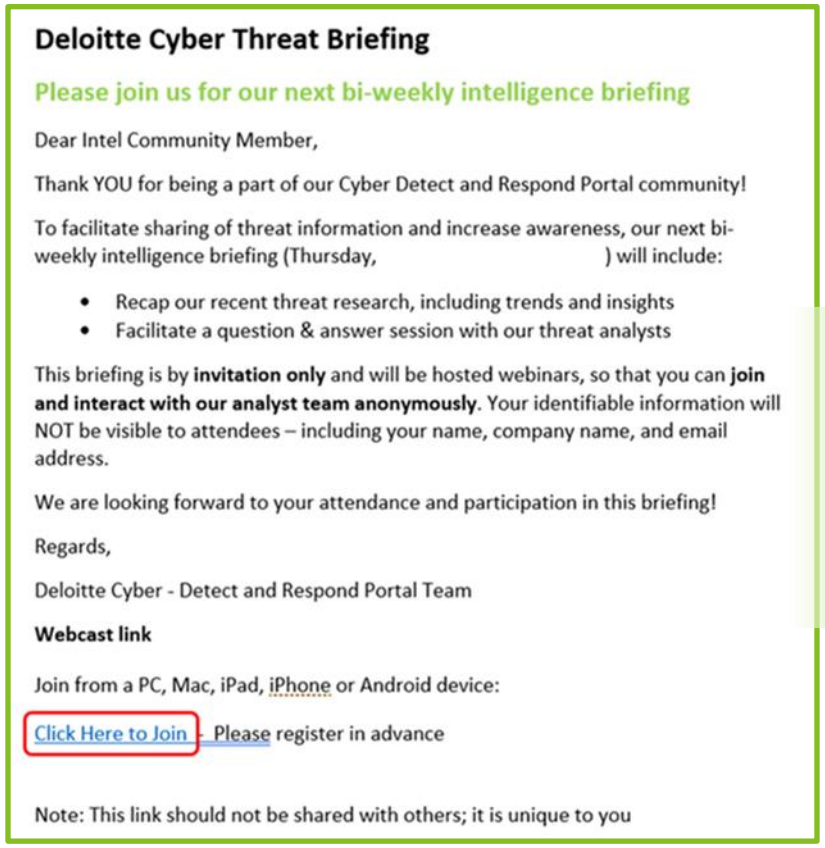
A user's "Profile Information", which can be edited as needed

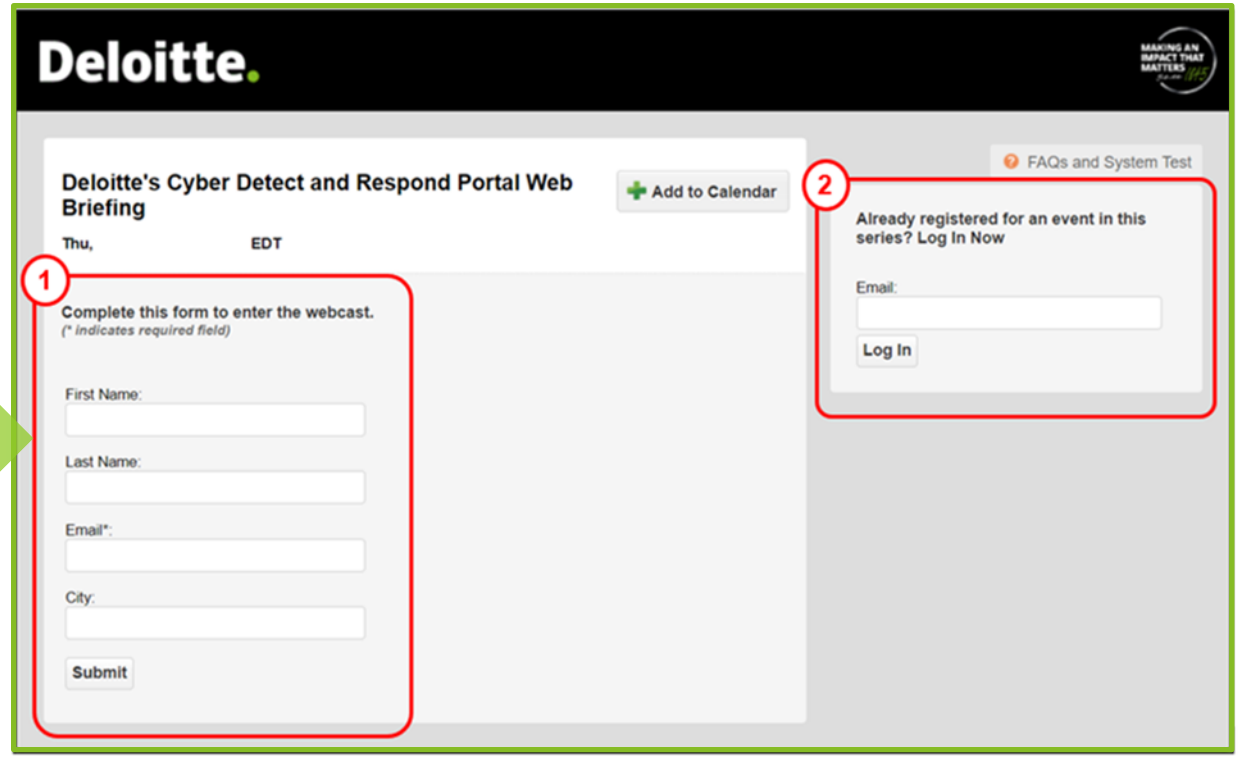
Account Settings view (cont'd)



Bi-weekly Deloitte Cyber Threat Briefings

- All Portal users are also invited to attend Bi-weekly Deloitte Cyber Threat Briefings. These 1-hour webcasts provide timely and relevant information on current and high-risk cyber threats, such as attack campaigns, hacker group tactics & techniques, new ransomware strains, etc.
- Each calendar invite received is specific to a particular bi-weekly webcast *and* Portal user and is generally sent 2 days prior to the event. You will need to click on the "Click Here to Join" link (noted in the graphic at below left). You may click on this URL directly in the email invite prior to accepting it, or any time thereafter within the calendar hold itself upon accepting the meeting invite and prior to the webcast.
- After clicking on the "Click Here to Join" link, you will be directed to the bi-weekly webcast registration webpage. In order to attend each webcast, **you must first register for the event** by completing the information on the left-hand side of the webpage and then clicking on the "Submit" button, as shown in the graphic at below right (see number "1").
- Only after you first register for the webcast, will you be able to later join the event by entering your email address, **which must be the same email address associated with your Portal account and the same email address used for webcast registration**, in the field on the right-hand side of the same webpage and then clicking the "Log In" button (see number "2").





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Last Updated on: June 05, 2020

URL to Deloitte's 'Privacy Statement' referenced in the TOU: https://www2.deloitte.com/global/en/legal/privacy.html

URL to Deloitte's 'Cookie Notice' referenced in the TOU: https://www2.deloitte.com/global/en/legal/cookies.html

Note: Portal TOU and Deloitte 'Privacy Statement' & 'Cookie Notice' can be accessed via links at the bottom of any Portal webpage

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