Veterans Health Information Exchange (VHIE) Portal Build 3.6 VHIE Portal User Guide



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Department of Veterans Affairs (VA)

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Revision History

Date	Revision	Description	Author
08/27/2020	3.7	 Updates: Section 3.2: Inserted Health Information Exchange (HIE) portal new user request instructions. Added captions to all figures throughout. Updated document to follow current standards and style guidelines. Reformatted content with bullet or numbered lists where appropriate. Spelled out first occurrence of all acronyms. Added acronyms to Table 21. Verified document is Section 508 conformant (e.g., added alternate text to all images, verified first table rows are repeated heading rows, etc.). 	VA Tech Writer: TEB
04/2020	3.6	 Updates: Updated language from AITC to AWS. Update Section 3 to include instructions for requesting access to the VHIE Portal. 	VHIE Agile Development
03/2020	3.5	Replaced screenshots to mask all data resembling PII format and structure.	VHIE Agile Development
03/2020	3.4	 Removed Recent Activity tab, Accounting of Disclosures tab, and the Disclosures Detailed Report for the current Patch 3.6 release. Updated VHIE Portal Roles table and description in Section 4.1. to differentiate Prod and Non-Prod AD policy groups. 	VHIE Agile Development
03/2020	3.3	Updated Section <u>4.1</u> to include description for all VHIE Roles.	VHIE Agile Development
03/2020	3.2	Added Section 4.1 to let ROI Operators know the appropriate VHIE Role to use when requesting access to the VHIE Portal.	VHIE Agile Development
03/2020	3.1	Updated Sections 4.2.2 and 4.2.3 with updated screenshots to reflect updated VA Forms for Opt-Out and Re-participation. Updated Section 4.14.3 with updated screenshot to reflect the most recent software version.	VHIE Agile Development

Date	Revision	Description	Author
03/2020	3.0	Updated Section 3 to include the Production Uniform Resource Locator (URL). Removed/updated sub-sections under Sections 4.11 and 4.12 regarding the reports that are hidden from the GUI for the current release (Deceased Veteran Detailed, Expiring Consent Detailed, Deceased Veteran Summary, Disclosures Summary).	VHIE Agile Development
12/2019	2.9	Update Section <u>4.1</u> Patient Search to include expected response for loading an Inactive Patient for Build 3.1.	VHIE Agile Development
09/2019	2.8	Updated Section <u>5.1</u> Special Instructions for Error Correction and updated instructions for exporting to Comma-Separated Values (CSV) and Save Extensible Markup Language (XML) throughout the document.	VHIE Agile Development
08/2019	2.7	Updated additional language and labels for tables/figures.	VHIE Agile Development
08/2019	2.6	Updated based on PMO review.	VHIE Agile Development
08/2019	2.5	Updated UIs and content to reflect changes during Build 3.	VHIE Agile Development
06/11/2019	2.4	Updated content, tables, and figures to reflect Build 3 functionalities.	VHIE Agile Development
04/16/2019	2.3	Updated UIs and language throughout to reflect most recent design changes.	VHIE Agile Development
04/05/2019	2.2	Added a note in Section <u>4.5</u> to let users know Print functionality is available through the browser.	VHIE Agile Development
03/15/2019	2.1	Added a note under "Generate Documents" to recommend users to allow pop-ups and redirects in the browser's setting for the VHIE Portal.	VHIE Agile Development
02/28/2019	2.0	Updated content, images, and document text to reflect Maintaining Internal Systems and Strengthening Integrated Outside Networks (MISSION) Act language.	VHIE Agile Development
01/17/2019	1.0	Initial Draft.	VHIE Agile Development

Artifact Rationale

Per the Veteran-focused Integrated Process (VIP) Guide, the User's Guide is required to be completed prior to Critical Decision Point #2 (CD2), with the expectation that it will be updated as needed. A user guide is a technical communication document intended to give assistance to people using a system, such as Veterans Health Information Systems and Technology Architecture (VistA) end-users. It is usually written by a technical writer, although it can also be written by programmers, product or project managers, or other technical staff. Most user guides contain both a written guide and the associated images. In the case of computer applications, it is usual to include screenshots of the human-machine interfaces, and hardware manuals often include clear, simplified diagrams. The language used is matched to the intended audience, with jargon kept to a minimum or explained thoroughly. The user guide is a mandatory, build-level document, and should be updated to reflect the contents of the most recently deployed build. The sections documented herein are required if applicable to your product.

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1 Introduction

The Veterans Health Information Exchange (VHIE) Program was tasked by the Department of Veterans Affairs (VA) to replace the eHealth Exchange (eHX) solution with a commercial-off-the-shelf (COTS) product called the HealthShare Enterprise Platform (HEP). As part of the enhancement, HealthShare (HS) will consume legacy applications that rely on the connection with the eHX Adapter, and in this case, the Veteran Authorization and Preferences (VAP) system.

At a high-level, VAP manages a Patient's Consent, also known as the Patient's Participation Preferences (PPP) and the requests for generating Clinical Document Architecture (CDA)-type documents for selected Veterans, as well as generate and display Health Information Exchange (HIE) and Consent reports. To improve user experience and provide a more streamlined and robust interface, the VAP interface and functionalities will be replaced by a custom-coded interface known, henceforth, as the VHIE Portal.

1.1 Purpose

The purpose of the VHIE Portal User Guide is to familiarize internal Veterans Health Administration (VHA) personnel and other authorized users about using the VHIE Portal interface.

2 System Summary

The VHIE Portal application is hosted on Amazon Web Service (AWS). The system is only accessible within the VA intranet to authorized users. The VHIE Portal is intended for internal VHIE users to perform consent management tasks.

3 Getting Started

This section describes the steps for logging in and understanding the VHIE Portal functionalities.

3.1 VHIE Portal Roles

When requesting access to the VHIE Portal, the following VHIE Portal roles are available based on the level of access that is required.



NOTE: The AD Policy Groups for the Non-Production and Production Environments are differentiated by "**NPD**" and "**PRD**" at the end of the AD Policy Group name. Operators of the system will need to submit for the "**PRD**" role when requesting access (e.g., VHIE Operators would submit for the role of "**AAC VDIF VHIE Operators PRD**").

Table 1: VHIE Portal Roles Description

Role Name	Role Description	AD Policy Groups
AAC VDIF VHIE Data Quality Reporters	These users run and view results for Data Quality Reports, and all other Reports available to the VHIE Operators, perform patient searches, as well as download the CDA documents as XML, but do not have the ability to edit consent policies. There are no specific Data Quality reports implemented in VHIE Portal currently.	 AAC VDIF VHIE Data Quality Reporters NPD AAC VDIF VHIE Data Quality Reporters PRD
AAC VDIF VHIE Operators	These users have the same access as the Veterans Data Integration and Federation (VDIF) Reporters, plus can search for patients, view patient details, retrieve CDA Patient Summary documents in HyperText Markup Language (HTML) or XML, as well as edit eHX consent policies for a Veteran (i.e., set a Veteran to opt-out or re-participate in eHX data-sharing).	 AAC VDIF VHIE Operators NPD AAC VDIF VHIE Operators PRD
AAC VDIF VHIE Portal Technical Administrators	These users are technical administrators, who have access to the full VHIE Portal site, plus technical-admin-only resources, but do not have access to any tester-only resources. For the current build, this role has the same resources as the VDIF Super User role.	AAC VDIF VHIE Portal Tech Admin NPD AAC VDIF VHIE Portal Tech Admin PRD
AAC VDIF VHIE Portal Testers	These users have access to the full VHIE Portal site, including the tester-only resources. For the current build, only the capability to view CDA patient summary documents as XML is a tester-only resource.	AAC VDIF VHIE Portal Testers NPD AAC VDIF VHIE Portal Testers PRD
AAC VDIF VHIE Reporters	These users run and view results for the detailed and summary reports (but cannot run an individual patient search or edit consent policies).	AAC VDIF VHIE Reporters NPD AAC VDIF VHIE Reporters PRD
AAC VDIF VHIE Super Users	These users are administrative users at the business level, and have the same access as the VDIF Operators, plus all of the Admin reports and functions, but do not have access to the technical-admin-only resources and tester-only resources.	AAC VDIF VHIE Super Users NPD AAC VDIF VHIE Super Users PRD

3.2 VHIE Portal New User Request Instructions

This section describes how to request access to the VHIE Portal. There are two steps needed to request access to the VHIE Portal:

- Step 1. Complete Training
- Step 2. Submit Access Request



NOTE: If you need assistance with completing this process, please contact your supervisor/community coordinator.

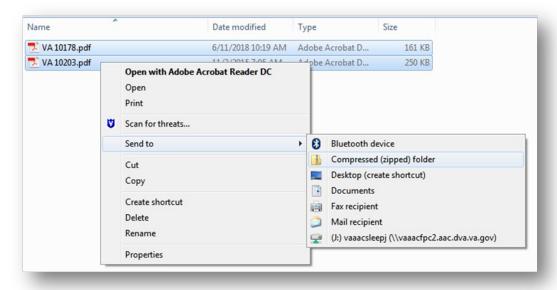
3.2.1 Step 1. Complete Training

Complete required training in the VA Talent Management System (TMS):

- 1. Log into the <u>Talent Management System (TMS)</u> and complete the following training or view current certificates in the "My Learning History":
 - VA Privacy and Information Security Awareness and Rules of Behavior (VA 10176)
 - Privacy and HIPAA Training (VA 10203)
- 2. Save completed training certificates:
 - a. Save the completion certificates from both courses in a folder on your desktop.
 - b. Open the folder where you saved the certificates.
 - c. Select both certificates by holding the CTRL key and selecting each certificate.

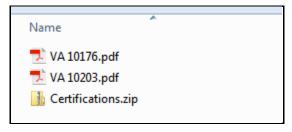
d. Right click on one of the certificates and select **Send To** → **Compressed (zipped) folder**, as shown in <u>Figure 1</u>:

Figure 1: Zipping together Completed Training Certificates



e. Name the new Zip file created in the same folder: "Certifications.zip," as shown in Figure 2:

Figure 2: Verifying Training Certificates Zip File Name





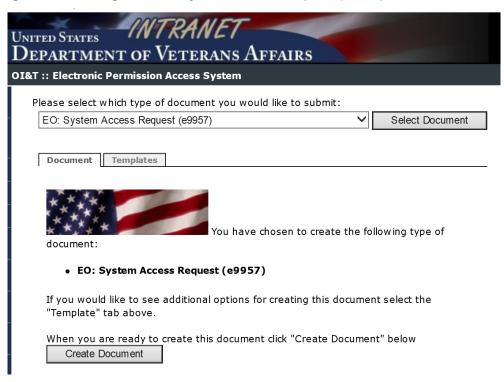
NOTE: You will upload this file to the Electronic Permission Access System (ePAS) request in Step 2 of these instructions.

3.2.2 Step 2. Submit Access Request

Submit an access request via OIT Electronic Permission Access System (ePAS) 9957:

- 1. Navigate to the Office of Information and Technology (OIT) <u>Electronic Permission Access System (ePAS) e9957</u> page.
- 2. Ensure that the "EO: System Access Request (e9957)" document is selected from the drop-down list, as shown in Figure 3:

Figure 3: Selecting the "EO: System Access Request (e9957)" Document



3. Select Create Document.



NOTE: In the steps that follow, you will complete entries for the following tabs on the e9957 form in the following order:

- Request tab (Step 4)
- Type of Access tab (Step 5)
- Comment tab (Step 6)



CAUTION: Do not submit until all steps have been completed!

- 4. From the **Request** tab, complete *all* required fields (yellow shading on the e9957 form), as well as the *non*-required fields (clear/white text boxes on the e9957 form) that are highlighted below:
 - a. Complete the "Request" section entries:
 - Action: Choose "Modification of Account"
 - Type of Employment: choose "VA Staff" or "Contractor"
 - **Deactivation Date:** Enter an expiration date for the access or the end date for the contract if request is for contractor staff
 - b. Complete the "General Information" section entries:
 - Full Legal Name (Last, First, and Middle Initial).
 - Previous Name (if applicable).
 - **Start Date:** Date when you started working at the VA or when your current contract started.
 - **Mailing Address:** Mailing address of the VA site where you work or the Field Office with which you are affiliated.
 - **Duty Title:** Your title.
 - **Duty Station**: Unless geographically located at one of the regional Information Technology Centers (ITC), select **Other** from the drop-down list. If **Other**, list the duty station: Enter the site/facility where you are affiliated.
 - Company: Enter "Department of Veterans Affairs" or the name of your company.
 - **Department**: Enter the identity of the VA department you support.
 - Office: Enter your VA office or "100% Remote."
 - **Mail Code/Division**: Enter the mail code for the VA site or the field office with which you are affiliated.
 - **Phone Number**: Provide your phone number.
 - **Project/Application Code**: Enter "**VDIF**" for Veterans Data Integration & Federation program

• **AD Username:** The Active Directory (AD) username is listed as the **Alias** in the Microsoft Outlook Global Address List (GAL) under the **General** tab, as shown in Figure 4:

Figure 4: Microsoft Outlook Global Address List (GAL)—General Tab



- c. Complete the "Approver Information" section entries:
 - **Supervisor:** Use the "**Lookup Supervisor...**" button to search for and select your immediate supervisor.
 - **Designated Approving Officer (DAO):** Use the "**Lookup DAO...**" button to search for and select your service chief.
 - NOTE: The supervisor and DAO can be the same approver.
- 5. On the **Type of Access** tab, complete the following "LAN Access" section entries:
 - a. Check the LAN and Exchange Access checkbox, as shown in Figure 5:

Figure 5: LAN and Exchange Access Checkbox



- b. Update the Security Groups:
 - i. Press the **Select Security Group** button.
 - ii. From the "Select Security Group" dialog in the Search for Group field, type "AAC VDIF", as shown in Figure 6:

Figure 6: Searching for "AAC VDIF" Security Groups

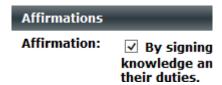


- iii. Click Search.
- iv. Select appropriate Security Group:
 - AAC VDIF VHIE Reporters PRD—Users run and view results for the detailed and summary reports (individual patient search or edit consent policies are *not* available.

<u>OR</u>

- AAC VDIF VHIE Operators PRD—Same access as the VDIF Reporters, plus users can search for patients, view patient details, retrieve CDA Patient Summary documents in HTML or XML, as well as edit eHX consent policies, i.e., set a Veteran to opt-out or re-participate in eHX data-sharing.
- v. Click OK.
- c. Scroll to the bottom of the page and complete the "Affirmations" dialog entries. Check the "Affirmation" checkbox, as shown in Figure 7:

Figure 7: Affirmations Dialog—Signing Document



- d. Complete the "Security and Privacy" dialog entries (Figure 8):
 - i. Select Browse.
 - ii. Locate and attach the ZIP file containing certificates that you created in Step 2.
 - iii. Enter the date of your last "Rules of Behavior" training. To ensure the date is entered correctly, use the "calendar" icon to select the date.

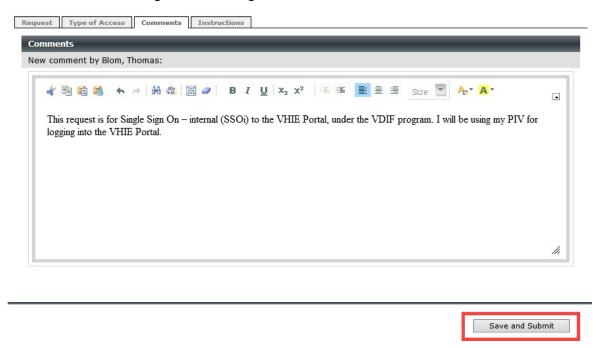
Figure 8: Security and Privacy Dialog Entries



- 6. On the **Comments** tab, do the following:
 - a. Type the following text into the "Comments" box, as shown in Figure 9:

This request is for Single Sign On – internal (SSOi) to the VHIE Portal, under the VDIF program. I will be using my PIV for logging into the VHIE Portal.

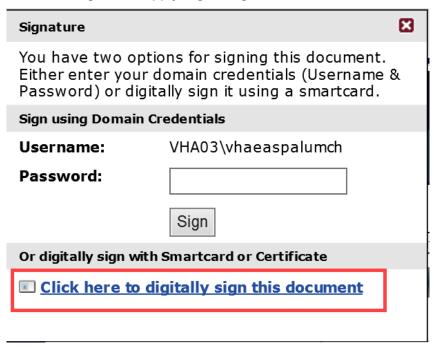
Figure 9: Entering Comment Text



b. Select the **Save and Submit** button, see <u>Figure 9</u>.

- c. If prompted with the "Signature" dialog pop-up, as shown in <u>Figure 10</u>, do the following:
 - 1. Select the <u>Click here to digitally sign this document</u> link.
 - 2. When prompted, enter your Personal Identity Verification (PIV) smart card pin.

Figure 10: Apply Digital Signature



3.3 Log in Via SSOi

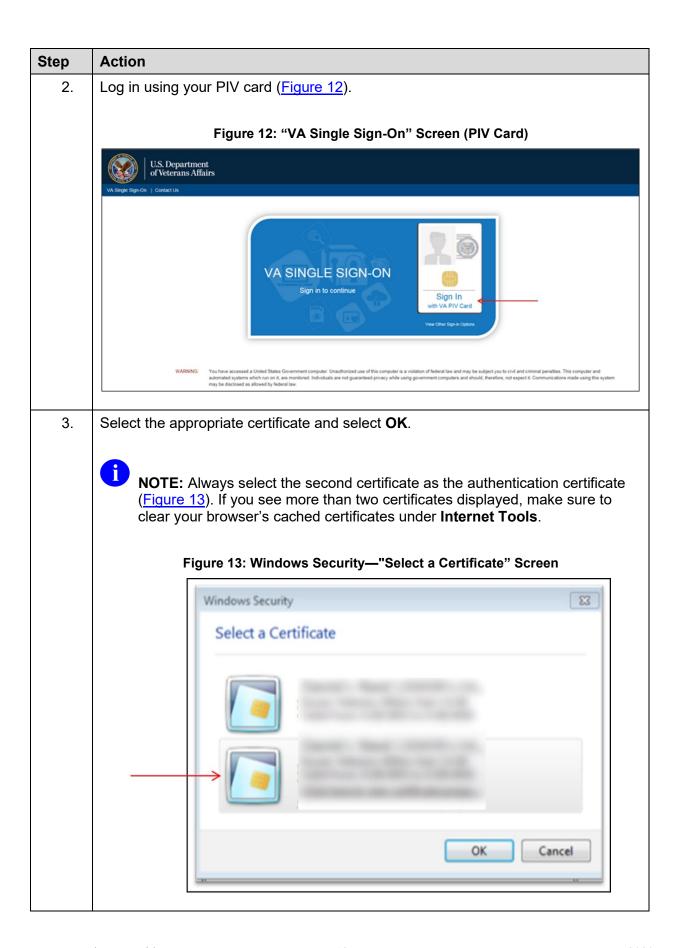
Take the following steps to log in via Single Sign On – internal (SSOi):

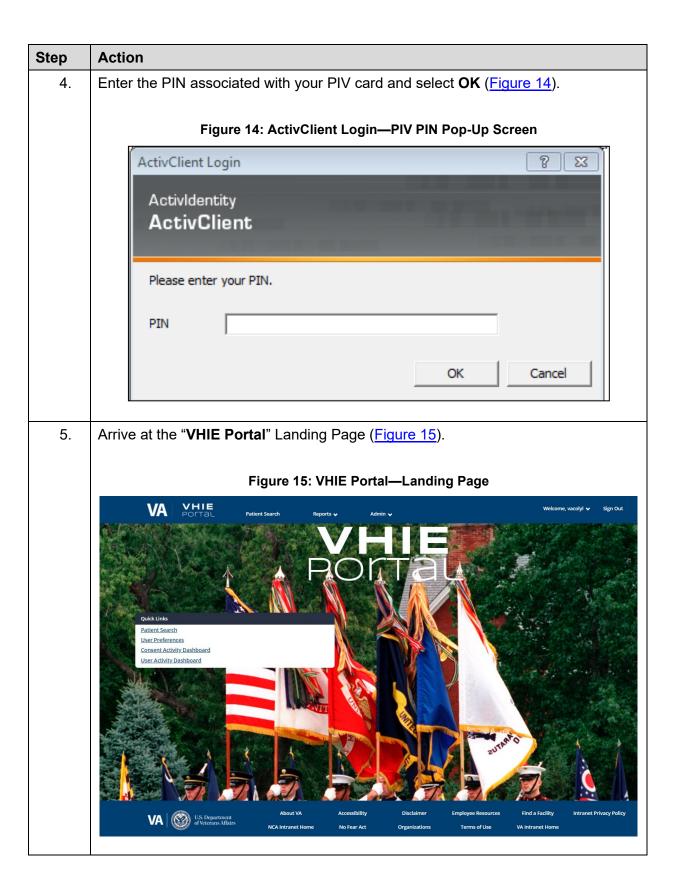


NOTE: Once integrated with SSOi, users will only use their PIV card for login per VA's HSPD-12 implementation of mandatory PIV, unless a special exemption is permitted, and the user requires a VA username and password.

Table 2: Log in via SSOi

Step	Action
1.	Navigate to the "VHIE Portal Login" screen at https://vhieportal.hsh.va.gov/csp/vhieui/portal/index.csp#/
	NOTE: If presented with the website's security certificate error (Figure 11), select "Continue to this website (not recommended)". Figure 11: Sample Error Message—Problem with Website's Security Certificate
	garant ga
	There is a problem with this website's security certificate.
	The security certificate presented by this website was issued for a different website's address.
	Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server.
	We recommend that you close this webpage and do not continue to this website.
	Sontinue to this website (not recommended).
	More information





3.4 Understanding the Functionalities

The VHIE Portal provides the following functionalities:

- "VHIE Portal" Landing Page
- Patient Search
- View Patient Demographic Details
- Participation Preference: Patient Not Participating
- Participation Preference: Patient Re-participate
- Deceased Patient Notification Message
- View or Add Patient Comments
- Generate Documents (CDA-type Health Documents)
- View Patient's VA Treatment Facilities
- Search Menu Return to Patient Search
- Report Menu Consent Activity Dashboard
- Report Menu User Activity Dashboard
- Report Menu Detailed HIE and Consent Reports
- Report Menu Summary HIE and Consent Reports
- Admin Menu View or Modify Partner Organization(s) List
- Admin Menu View or Modify Facilities List
- Welcome Menu Set or Update User's Default Facility
- Welcome Menu Access User Guide
- Welcome Menu View System Software Information

3.5 Exit System

Log out of the VHIE Portal by selecting the **Logout** option under the **Welcome** menu at the top of the screen.

4 Using the Software

This section describes how to use the application with the following assumed experience/skills of the audience:

- Users have basic knowledge of the operating system (such as the use of commands, menu options, and navigation tools).
- Users are using the VHIE Portal to do their jobs.
- Users have been provided active roles and access to the VHIE Portal.
- Users have completed any prerequisite training.

Consult your supervisor or the VA Help Desk if you need help meeting any of the above conditions.

4.1 Patient Search

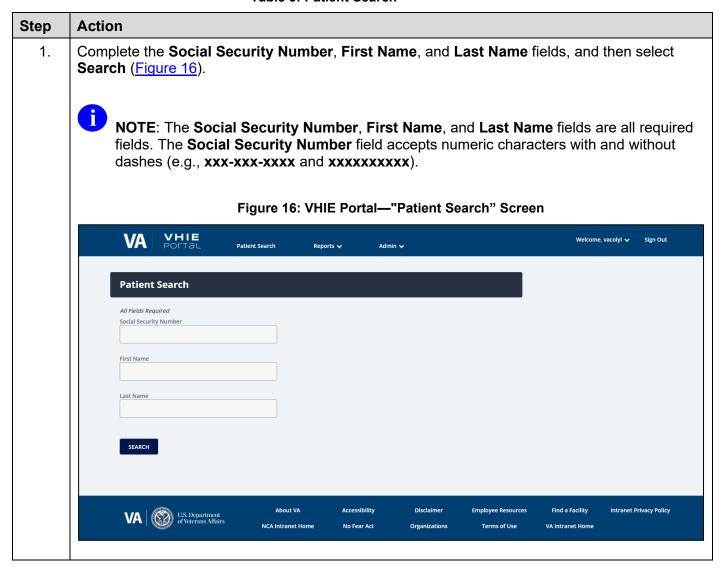
The Patient Search allows for a VHIE user to search by the following patient identifiers:

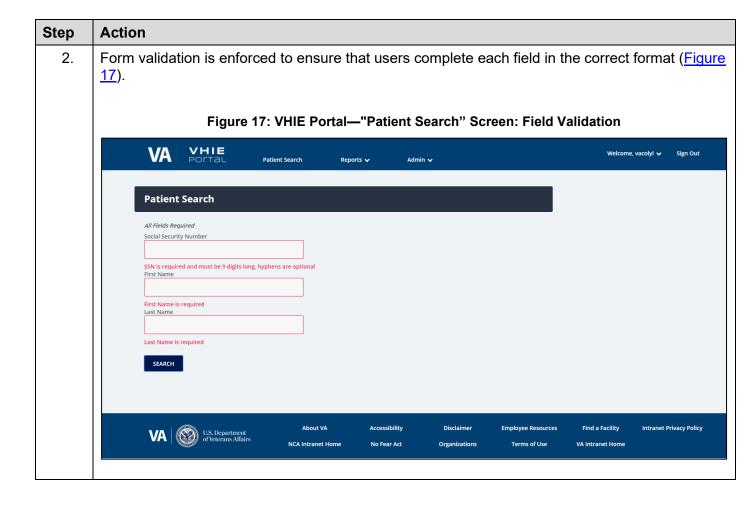
- Social Security Number (SSN)
- First Name
- Last Name.

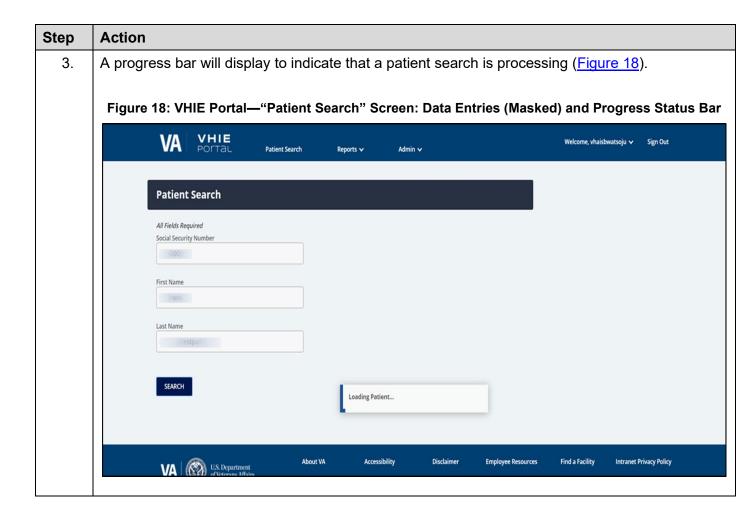
4.1.1 Prerequisite

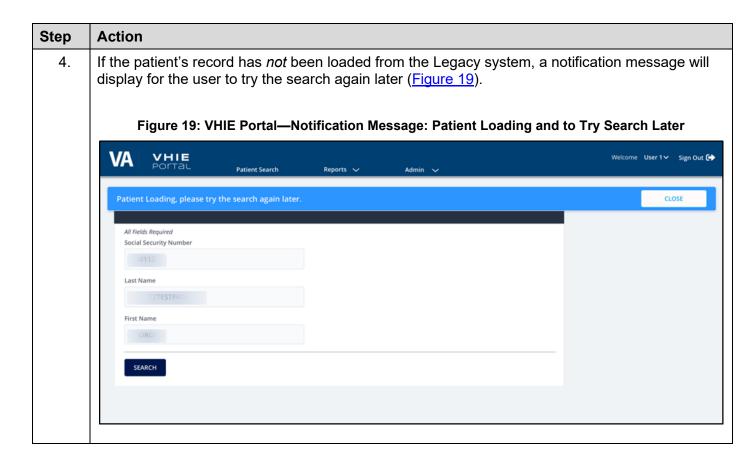
The user has logged in via SSOi or another VA-approved method for authentication.

Table 3: Patient Search









4.2 Patient Detail Summary

After retrieving a record from a patient search, the VHIE user will be able to view the patient's demographic details and perform various patient-centric tasks, depending on the role(s) assigned to the VHIE user.

4.2.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has successfully retrieved a record from a Patient Search.

4.2.2 View Patient Demographic Details

The patient's demographic details will be displayed at the top of the screen (if available) for the VHIE user to view, as shown in Figure 20:

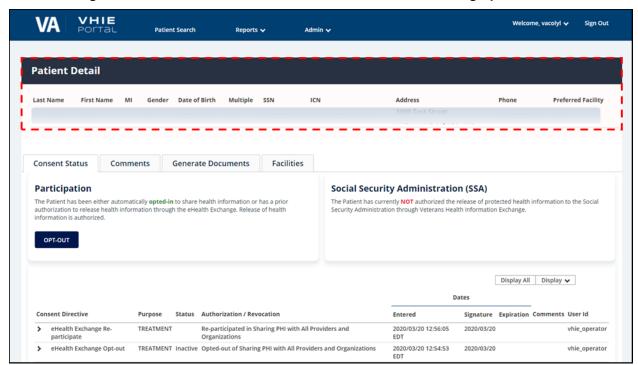


Figure 20: VHIE Portal—"Patient Detail" Screen: Patient Demographic Details

4.2.3 Patient-Centric Functions

The following functional tabs (<u>Figure 21</u>) allow the VHIE user to navigate to different pages to perform various tasks and retrieve important information on the patient:

- Consent Status
- Comments
- Generate Documents (CDA-type Health Documents)
- Facilities (Patient's VA Treatment Facilities)

VHIE VA Welcome, vacolyl 🗸 Patient Search Reports 🗸 **Patient Detail** Gender Date of Birth Multiple SSN Address Preferred Facility Generate Documents **Participation** Social Security Administration (SSA) The Patient has been either automatically opted-in to share health information or has a prior authorization to release health information through the eHealth Exchange. Release of health The Patient has currently **NOT** authorized the release of protected health information to the Social Security Administration through Veterans Health Information Exchange. information is authorized. OPT-OUT Display All Display 🗸 Signature Expiration Comments User Id eHealth Exchange Re-TREATMENT Re-participated in Sharing PHI with All Providers and 2020/03/20 12:56:05 2020/03/20 vhie_operator > eHealth Exchange Opt-out TREATMENT Inactive Opted-out of Sharing PHI with All Providers and Organizations 2020/03/20 12:54:53 2020/03/20 vhie_operator

Figure 21: VHIE Portal—"Patient Detail" Screen: Patient-Centric Information Tabs

4.3 Consent Status Tab

The **Consent Status** tab displays status information about the patient's participation preferences for:

- Health Treatment
- Social Security Administration (SSA)-authorization for Coverage
- Historical participation preference information

The "Consent Status" page also allows the VHIE user to initiate the workflows to process the patient's preference to either participate or not participate in sharing of health information for treatment.

4.3.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has successfully retrieved a record from a patient search.

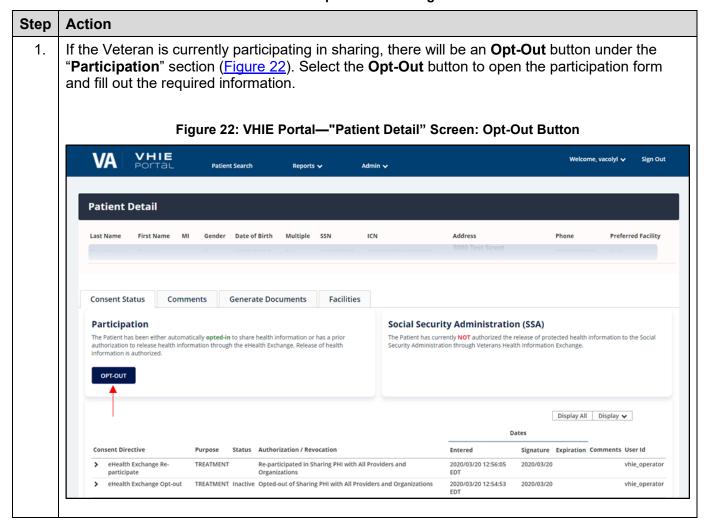
4.3.2 Participation Preference: Opt-Out of Sharing (Not Participating)

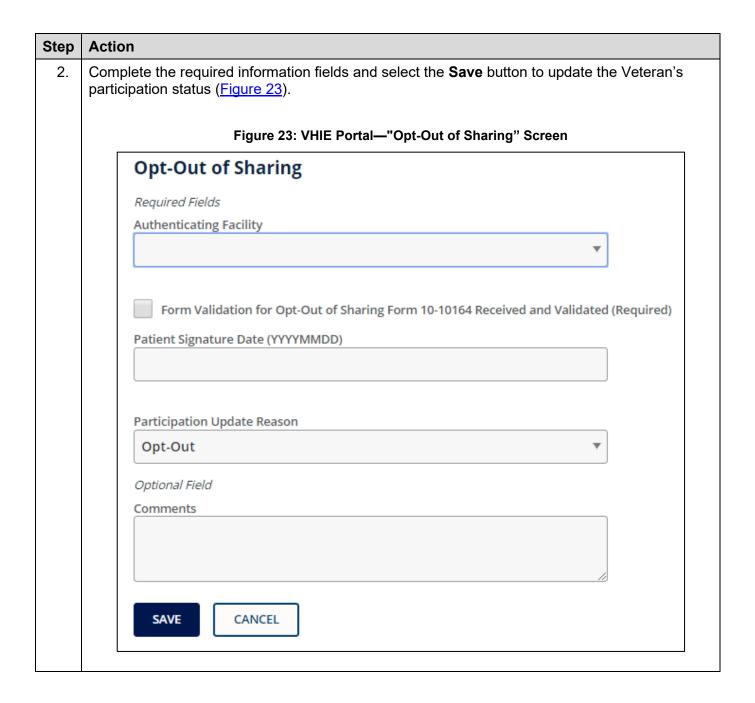
If the patient is currently participating in the sharing of Health information, a VHIE user can take the following steps to update the patient's consent status so that the patient is opted-out of sharing.

4.3.2.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has successfully retrieved a record from a Patient Search.
- The Patient has an opt-in consent status.

Table 4: Patient Opt-Out of Sharing





4.3.3 Participation Preference: Patient Re-Participate in Sharing

If the patient is currently opted-out of sharing, a VHIE user can take the following steps to change the patient's consent status so that the patient is opted-in for sharing.

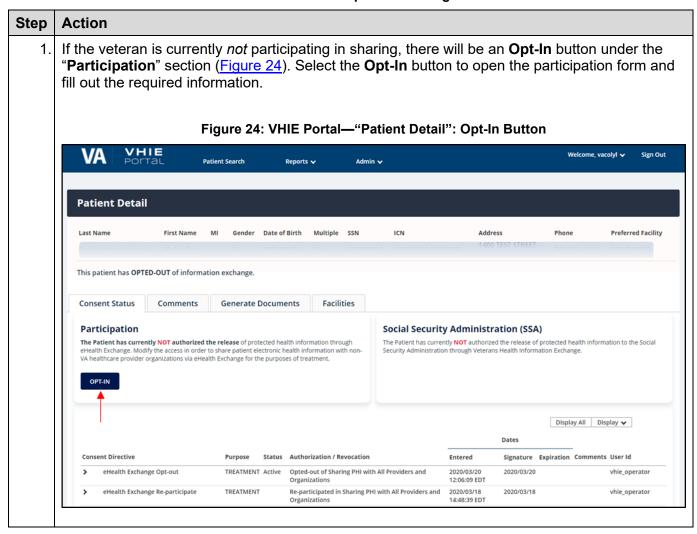
4.3.3.1 Prerequisite

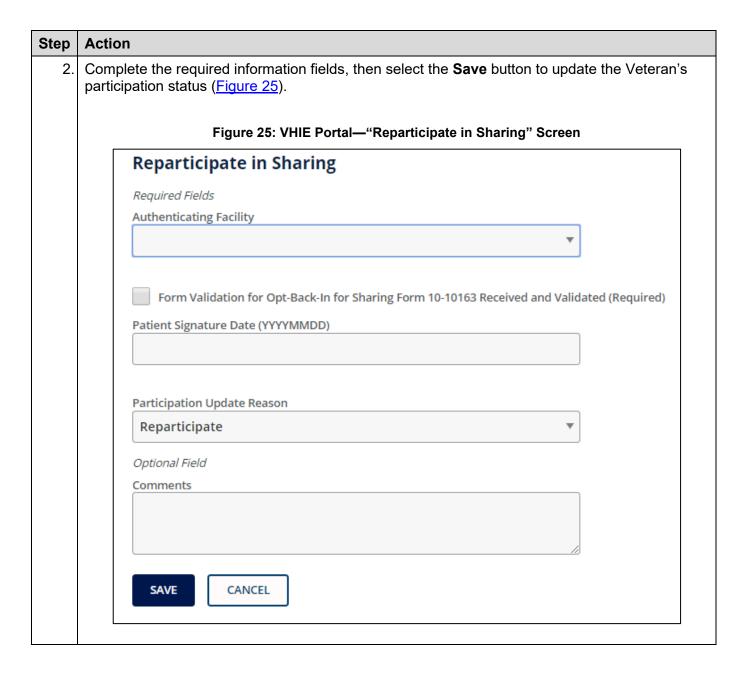
- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has successfully retrieved a record from a Patient Search.
- The Patient has an opt-out consent status.



NOTE: If the patient has an explicitly opted-out (*not* participating) preference in the legacy system, the opt-out preference is honored in HealthShare. A message will also display under the patient's "**Detail**" section to notify the user of the patient's "**Not Participating**" preference.

Table 5: Patient Re-Participate in Sharing





4.3.4 Deceased Patient Notification Message

If the Patient is deceased, a message will display in the "Patient Detail" and "Participation" sections (Figure 26) to notify the user that the patient is deceased.

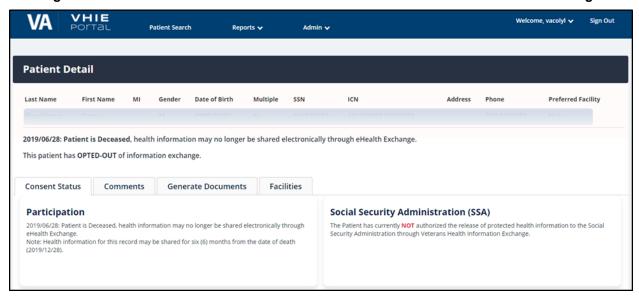


NOTE: If the deceased patient had a Participate in Sharing Preference for Treatment, this preference will be honored for a period of **six** (6) months from the date of death.

4.3.4.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has successfully retrieved a record from a Patient Search.

Figure 26: VHIE Portal—"Patient Detail" Screen: Deceased Veteran Notification Message



4.4 Comments Tab

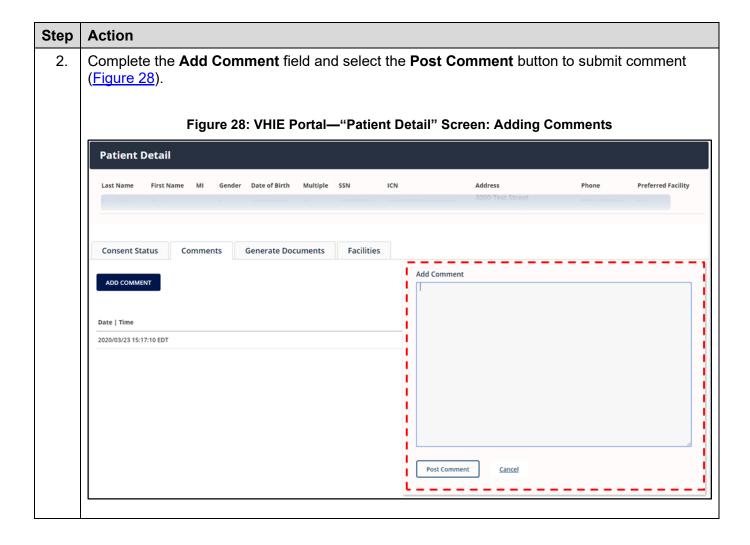
A VHIE user can select the **Comments** tab to view or add general comments about the patient.

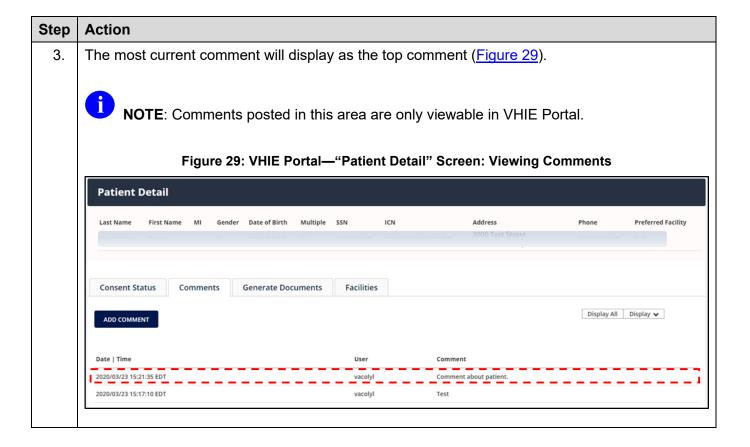
4.4.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has successfully retrieved a record from a Patient Search.

Table 6: View/Add Patient Comments







4.5 Generate Documents Tab

A VHIE user can select the **Generate Documents** tab in the "**Patient Detail**" page to generate the following documents:

- CCD v1.1
- CCD v2.1
- C32
- C62
- Single Encounter Summary (SES)

4.5.1 Prerequisite

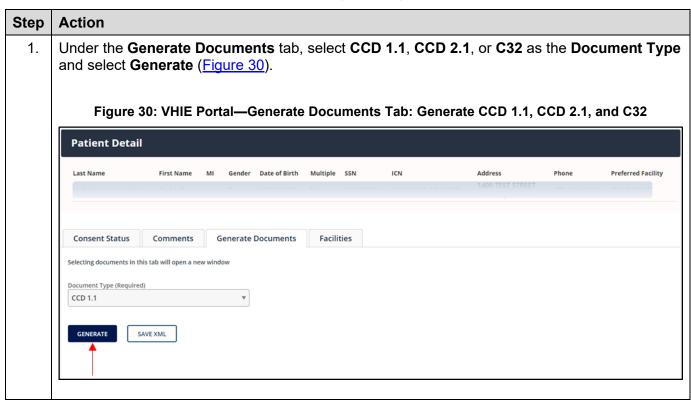
- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has successfully retrieved a record from a Patient Search.

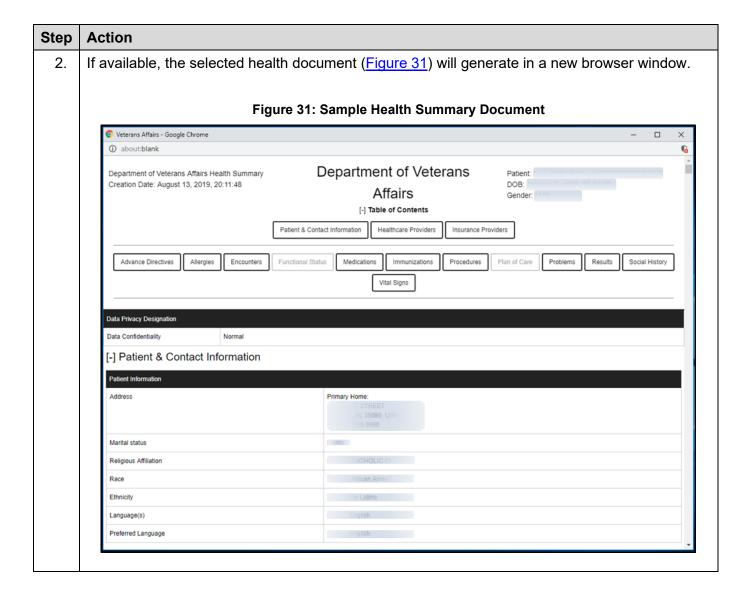


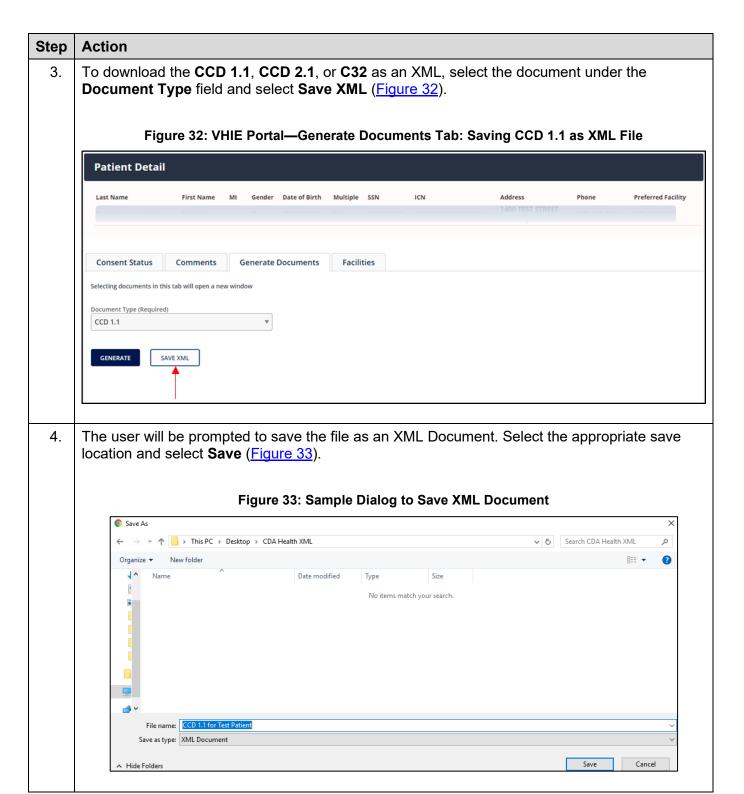
NOTE:

- 1. When generating a CCD v1.1, CCD v2.1, or C32, the artifact is generated in a new browser window.
- 2. When generating a C62 or SES, the results may return multiple documents and the user can choose which C62 or SES documents to view.
- 3. If the user experiences any issues with generating a document, it is recommended to configure the browser's security and privacy settings for the VHIE Portal to allow popups and redirects.
 - If generating a C62, use the Google Chrome web browser for best result. Contents of the C62 text note are base64 encoded, requiring the browser to translate the data link Uniform Resource Locator (URL), which IE is *not* doing for the C62.
- 4. To print the CDA-type document, the user can use the browser's built-in Print functionality to either print or do a print preview.

Table 7: Generate CCD 1.1, CCD 2.1, and C32







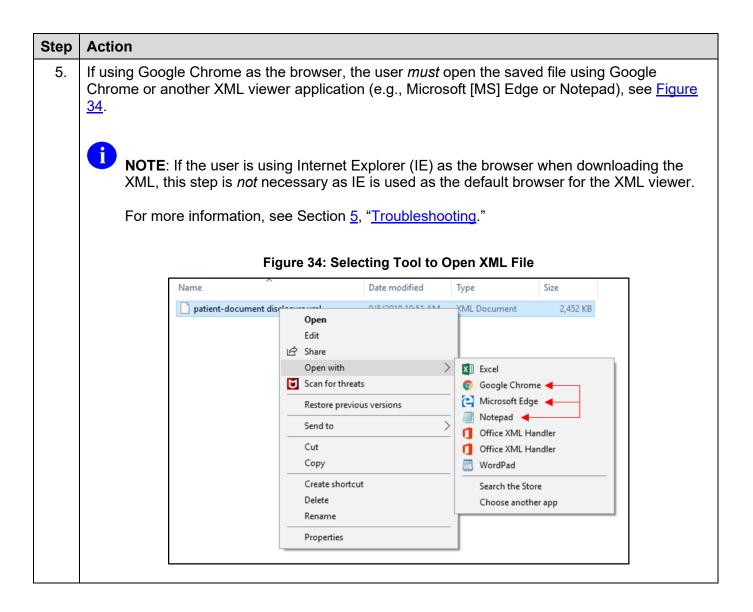
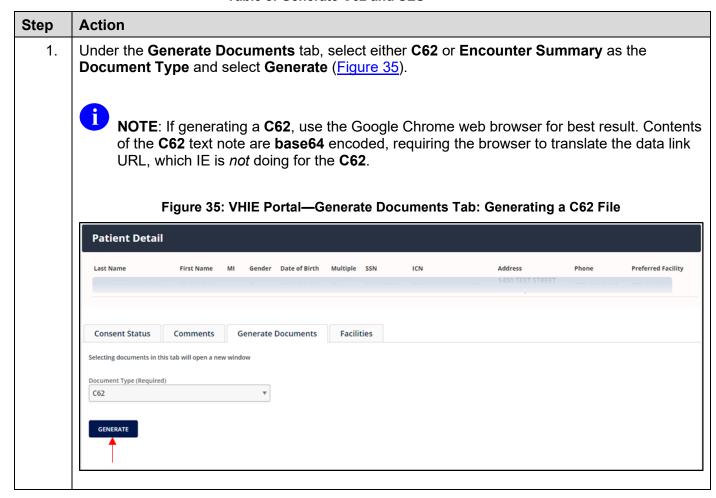
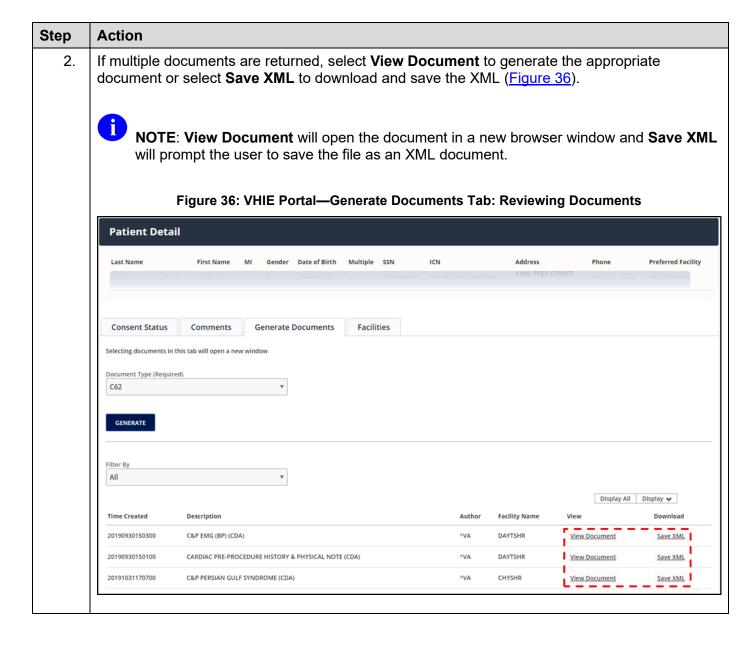
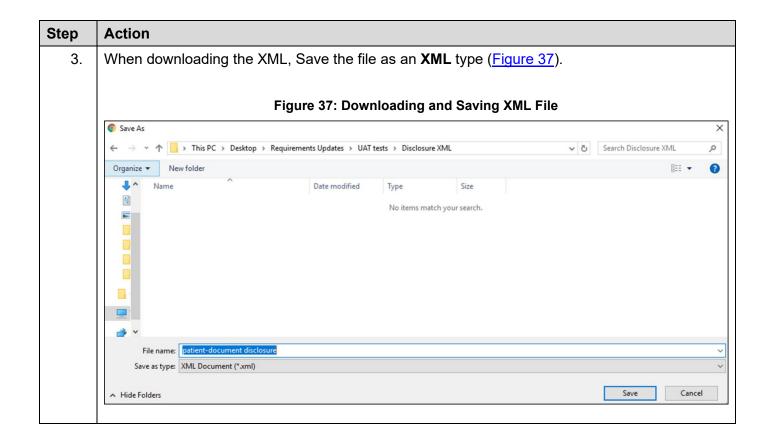
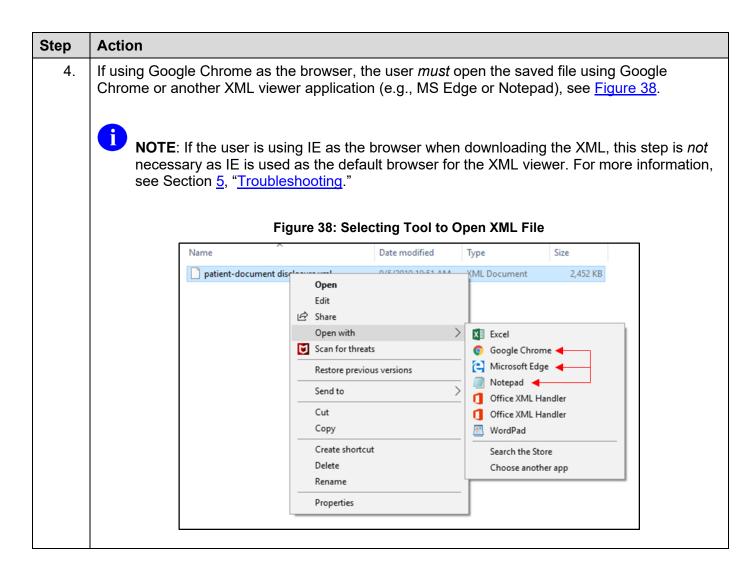


Table 8: Generate C62 and SES









4.6 Facilities Tab

A VHIE user can select the **Facilities** tab in the "**Patient Detail**" page (<u>Figure 39</u>) to view the Patient's VA Treatment Facilities.

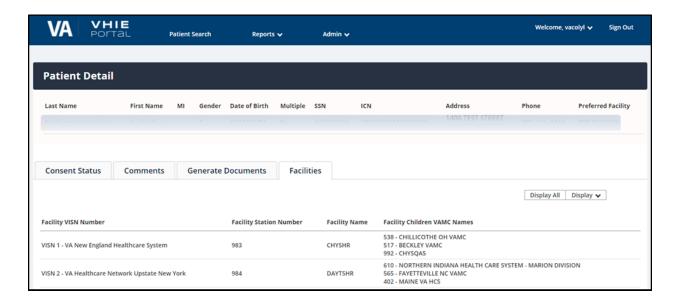


NOTE: The Patient's VA Treatment Facilities information under the **Facilities** tab is read-only.

4.6.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has successfully retrieved a record from a Patient Search.

Figure 39: VHIE Portal—Facilities Tab: View Patient's Treatment Facilities



4.7 Search Menu—Return to Patient Search

From within the VHIE Portal, a VHIE user can select the **Patient Search** option at the top of the web page (Figure 40) to return to the default "**Patient Search**" page.

4.7.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has successfully retrieved a record from a **Patient Search**.

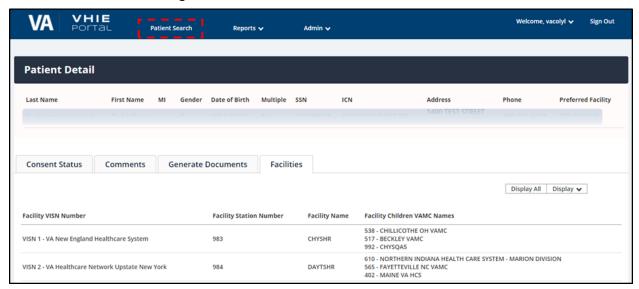


Figure 40: VHIE Portal—Return to Patient Search

4.8 Reports—Dashboard Widgets

From within the VHIE Portal, a VHIE user can select the **Reports** option at the top of the web page (Figure 41) to select and generate either of the following dashboards:

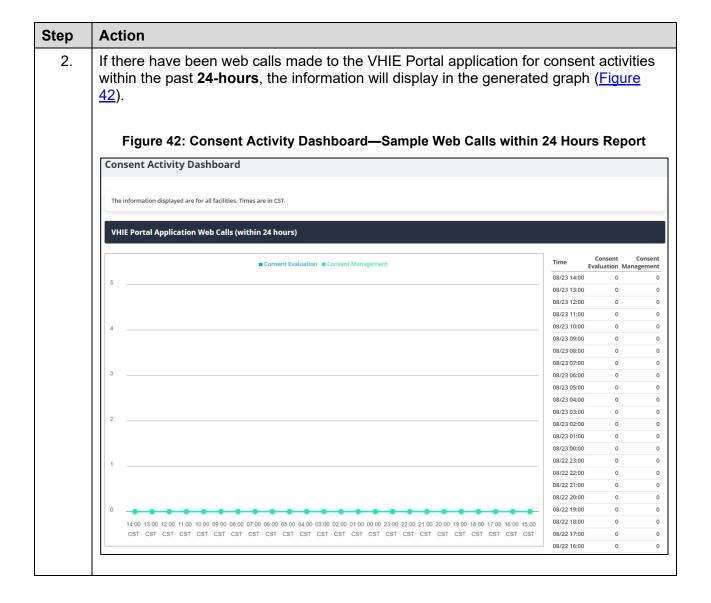
- Consent Activity Dashboard—Displays the number of web calls made to the VHIE Portal within the past **24-hours**.
- **User Activity Dashboard**—Displays the number of user logins to the VHIE Portal within the past **24-hours**.

4.8.1 Prerequisite

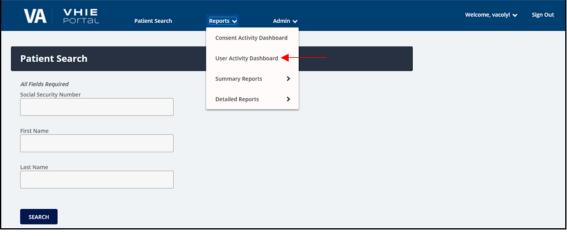
- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has been assigned the appropriate roles to generate VHIE reports.

Table 9: Reports - Dashboard Widgets



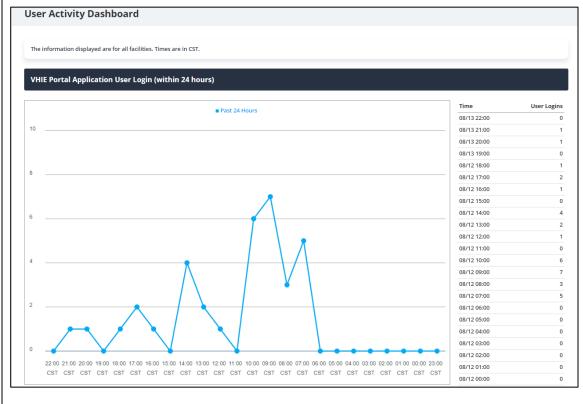


Step Action 3. To generate the User Activity Dashboard, under the Reports menu, select User Activity Dashboard (Figure 43). Figure 43: VHIE Portal—Selecting User Activity Dashboard Report



4. If any user accounts were logged into the VHIE Portal application within the past **24-hours**, the information will display in the generated graph (<u>Figure 44</u>).

Figure 44: User Activity Dashboard—Sample User Logins within Past 24 Hours Report



4.9 Reports—Detailed HIE and Consent Reports

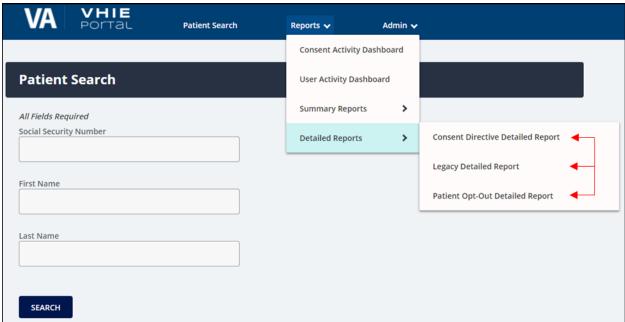
From within the VHIE Portal, a VHIE user can select the **Reports** option at the top of the web page (<u>Figure 45</u>) to select and generate the Detailed HIE and Consent Reports. The Detailed HIE and Consent Reports includes the following:

- Consent Directive Detailed Report
- Legacy Detailed Report
- Patient Opt-Out Detailed Report

4.9.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has been assigned the appropriate roles to generate VHIE reports.

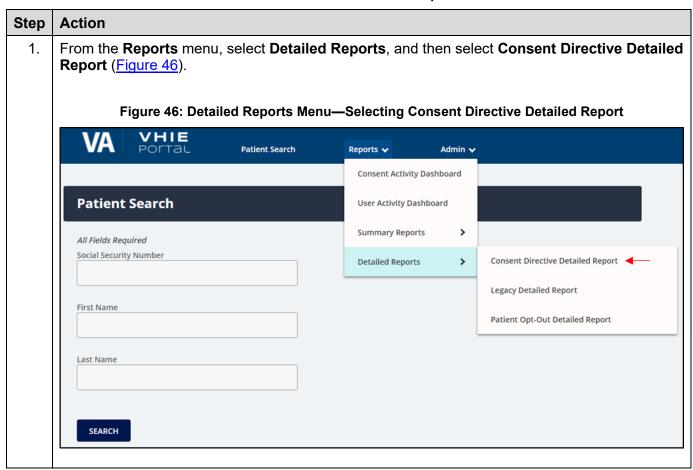
Figure 45: Detailed Reports Menu—Selecting Detailed HIE and Consent Reports

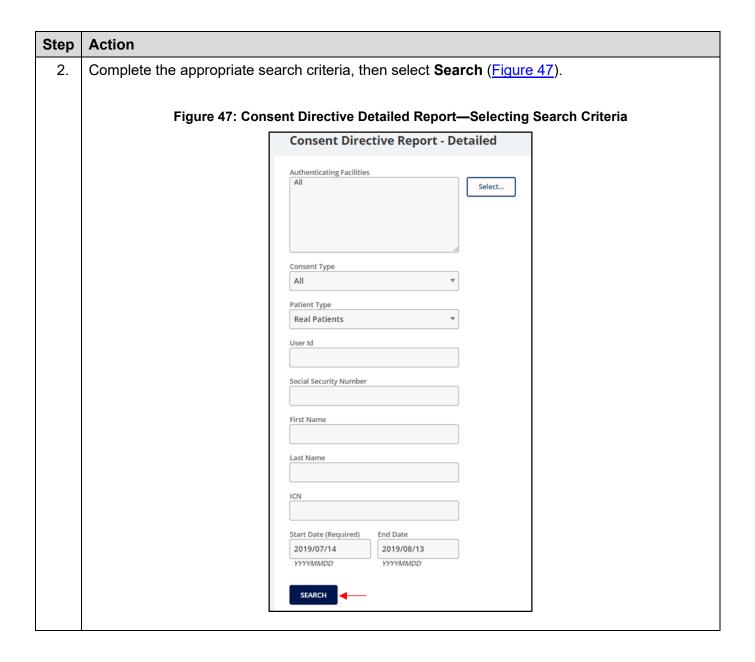


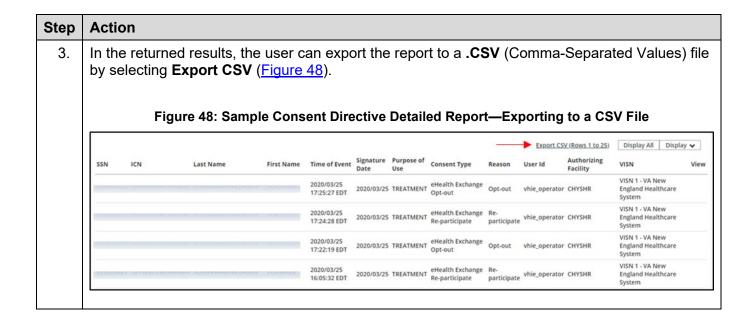
4.9.2 Consent Directive Detailed Report

The Consent Directive Detailed Report provides a detailed listing of specified "participate in sharing" and "opt-out of sharing" activities for one or more patients for a selected range of dates at selected VA Authenticating facilities.

Table 10: Consent Directive Detailed Report



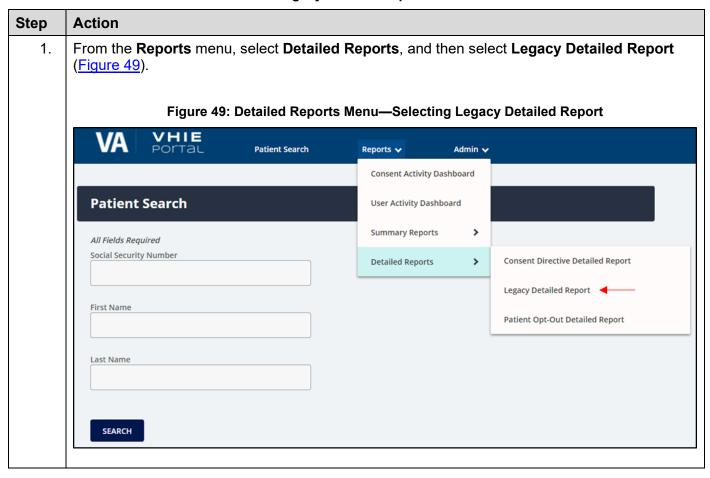




4.9.3 Legacy Detailed Report

The **Legacy Detailed Report** shows historical consent data of the Patient's Participation Preferences (PPP; legacy opt-in and opt-out consent policies), prior to the Maintaining Internal Systems and Strengthening Integrated Outside Networks (MISSION) Act.

Table 11: Legacy Detailed Report

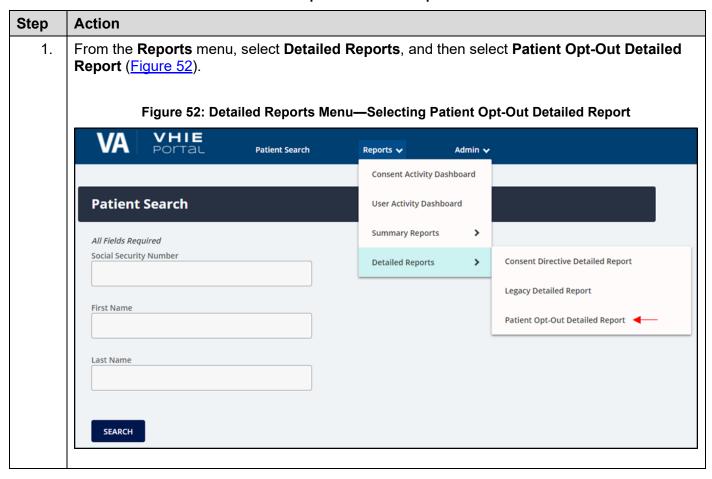


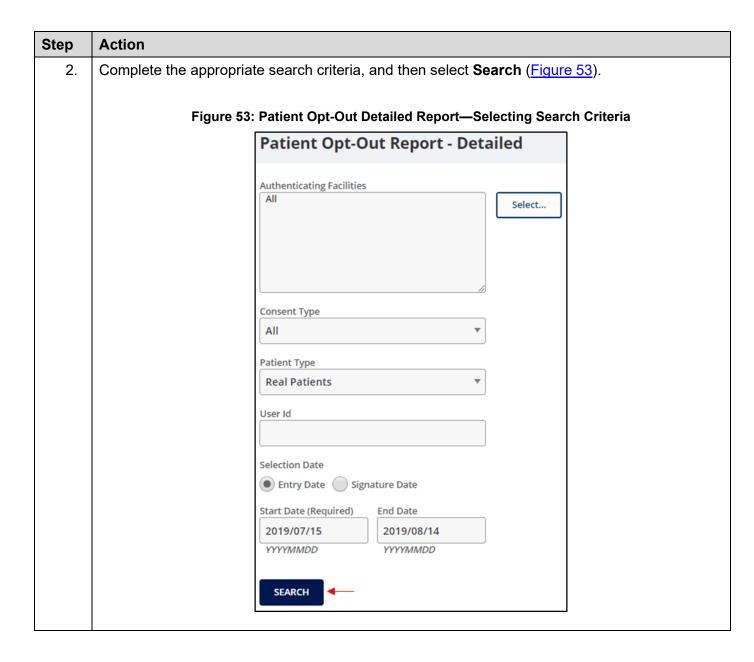


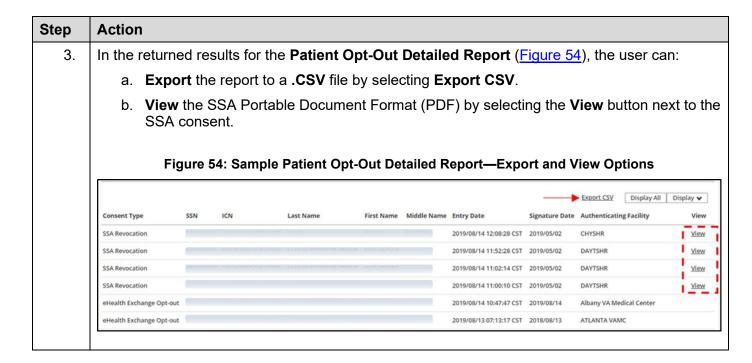
4.9.4 Patient Opt-Out Detailed Report

The **Patient Opt-Out Detailed Report** provides a detailed listing of patients that are opt-out of sharing.

Table 12: Patient Opt-Out Detailed Report







4.10 Reports—Summary HIE and Consent Reports

From within the VHIE Portal, a VHIE user can select the **Reports** option at the top of the web page (<u>Figure 55</u>) to select and generate the Summary HIE and Consent Reports. The Summary HIE and Consent Reports includes the following:

- Consent Directive Summary Report
- Patient Opt-Out Summary Report

4.10.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has been assigned the appropriate roles to generate VHIE reports.

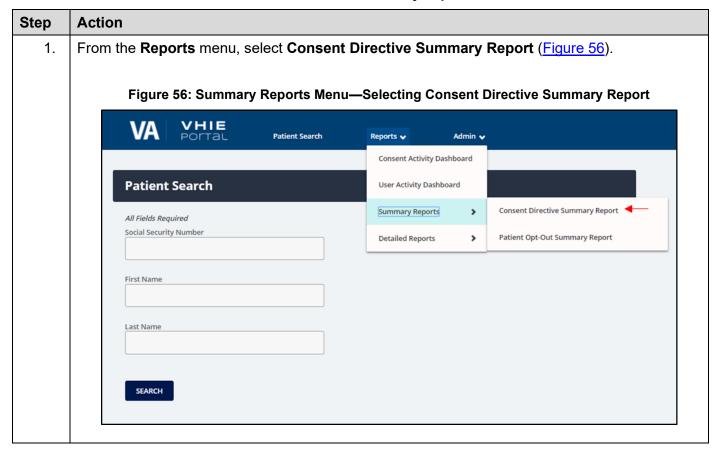
VHIE POTTAL **VA** Patient Search Reports 🗸 Admin 🗸 Consent Activity Dashboard **Patient Search** User Activity Dashboard Consent Directive Summary Report Summary Reports All Fields Required Social Security Number Detailed Reports > Patient Opt-Out Summary Report First Name Last Name SEARCH

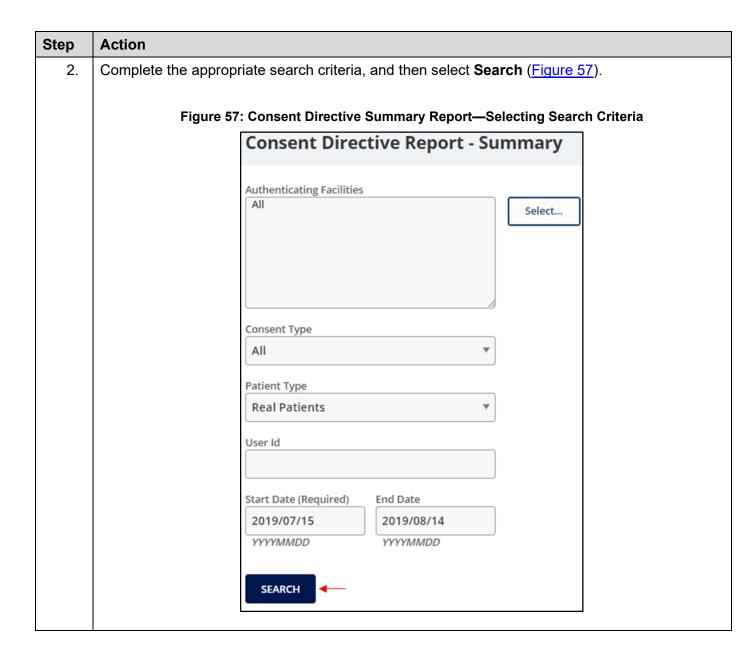
Figure 55: Reports Menu—Summary HIE and Consent Reports

4.10.2 Consent Directive Summary Report

The **Consent Directive Summary Report** provides a summary listing of the selected Consent Directive totals for a selected range of dates at the selected Authenticating facility or facilities.

Table 13: Consent Directive Summary Report



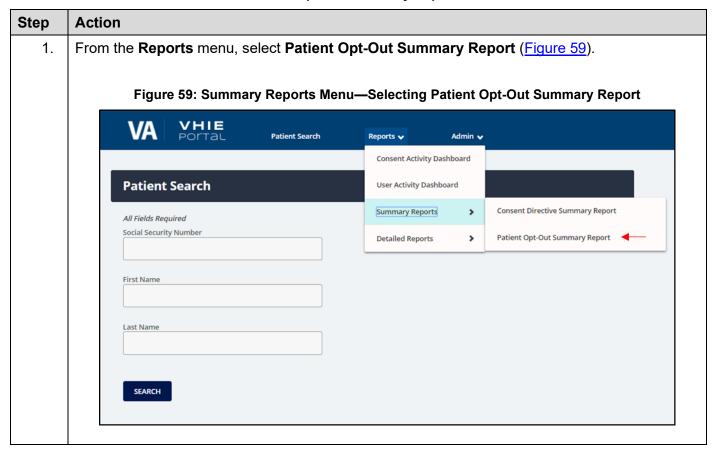


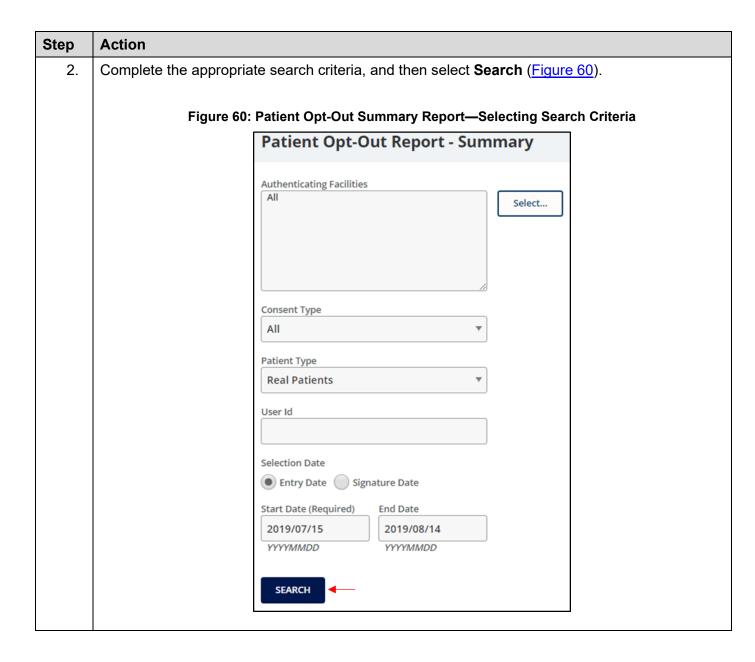
Step	Action				
3.	In the returned results, the user can export the report to a .CSV file by selecting Export CSV (Figure 58).				
	Figure 58: Sample Consent Directive Summary Report—Exporting to a CSV File				
	Authenticating Facility	eHealth Exchange Participating	eHealth Exchange Not Participating	SSA Authorizations	SSA Revocations
	ALASKA VA HLTCR SYSTEM AVAHS	7	8	0	0
	Albany VA Medical Center	1	7	6	0
	ASHEVILLE VAMC	0	0	93	0
	ATLANTA VAMC	1	1	0	0
	BATTLE CREEK VA MEDICAL CENTER	0	1	0	0
	BOISE VAMROC	1	0	0	0
	BRANSON CBOC	0	0	2	0

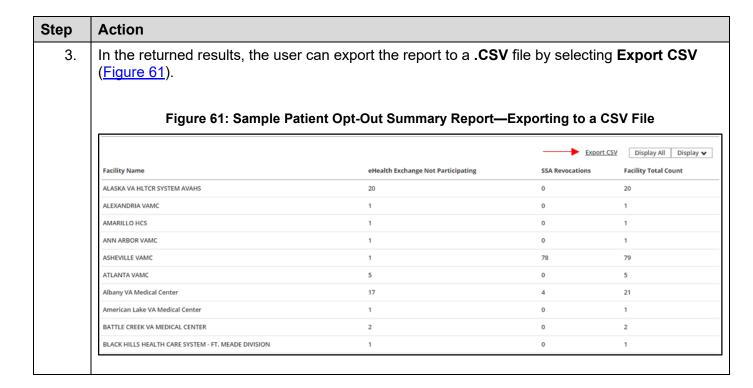
4.10.3 Patient Opt-Out Summary Report

The **Patient Opt-Out Summary Report** provides a summary listing of patients that are opt-out of sharing.

Table 14: Patient Opt-Out Summary Report







4.11 Admin Menu—Partner Organizations and Facilities List

From within the VHIE Portal, a VHIE user can select **Admin** at the top of the web page (<u>Figure 62</u>) to access and modify the list of Partner Organizations and Facilities.

4.11.1 Prerequisite

- The user has logged in via SSOi or another VA-approved method for authentication.
- The user has been assigned the appropriate roles to access and modify the list of Partner Organizations and VA Facilities.

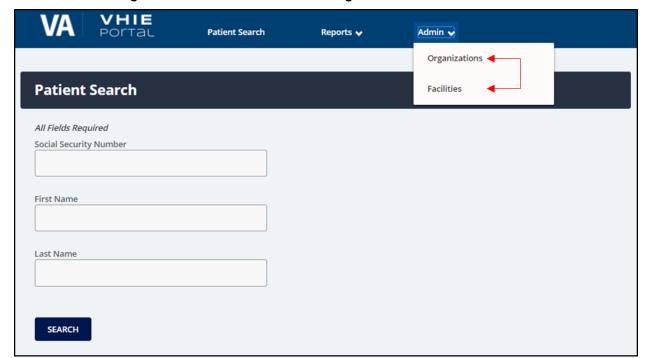


Figure 62: Admin Menu—Partner Organizations and Facilities List

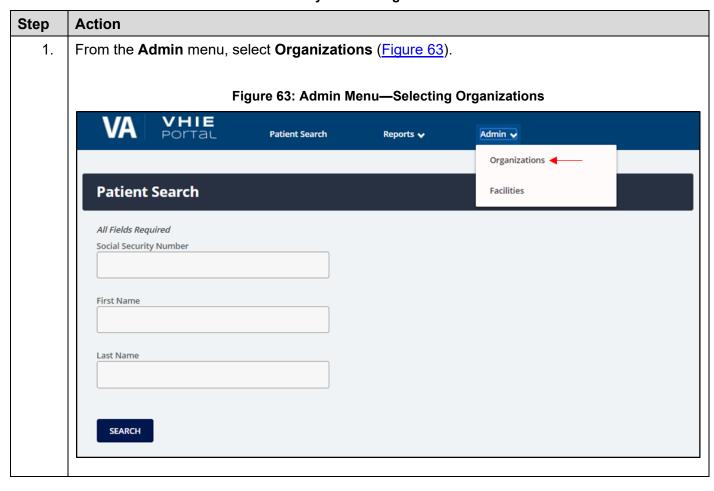
4.11.2 Access or Modify Partner Organizations List

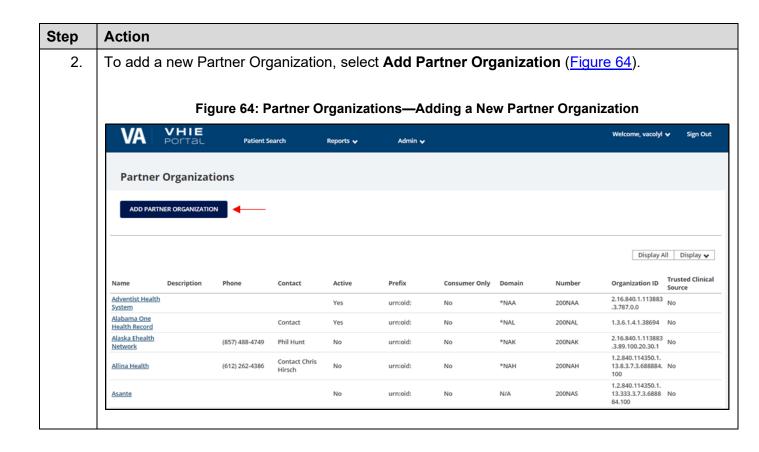
The VHIE admin user can access the list of Partner Organizations to view, edit, delete, or add new organizations.

4.11.2.1 Prerequisite

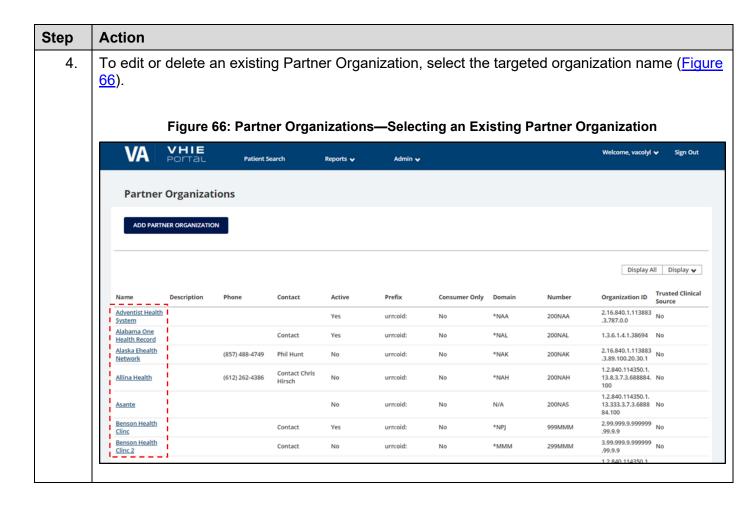
- The user has logged in via SSOi or another VA-approved method for authentication.
- The user is provided with elevated admin privileges to access and modify the list of Partner Organizations.

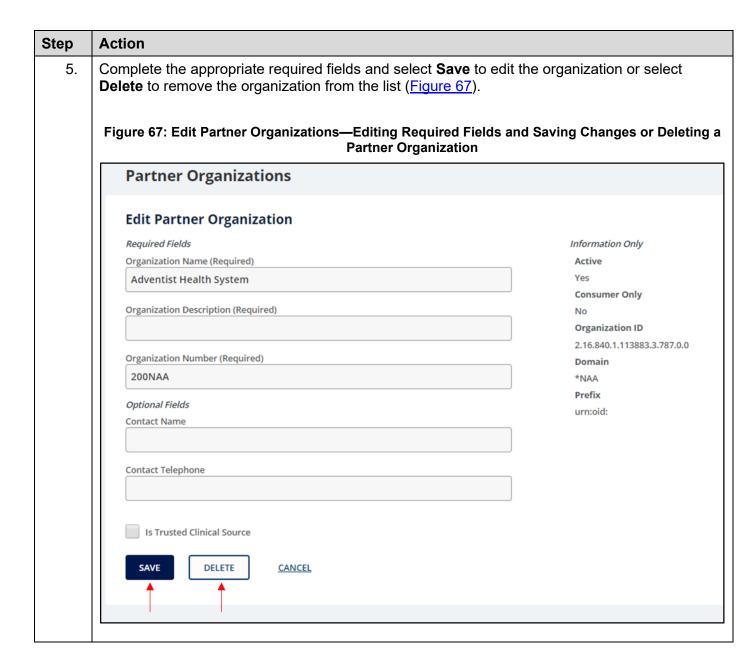
Table 15: Access or Modify Partner Organizations List





Step	Action				
3.	Complete the appropriate required fields, and then select Save to add the new Partner Organization (<u>Figure 65</u>).				
	Figure 65: Add Partner Organization—Entering Required Fields and Saving New Partner Organization				
	Partner Organizations				
	Add Partner Organization				
	Required Fields Organization Name (Required)				
	Organization Description (Required)				
	Organization Number (Required)				
	Organization ID (Required)				
	Optional Fields Contact Name				
	Contact Telephone				
	Domain				
	Prefix				
	Is Trusted Clinical Source				
	Is Active Is Consumer Only				
	SAVE CANCEL				





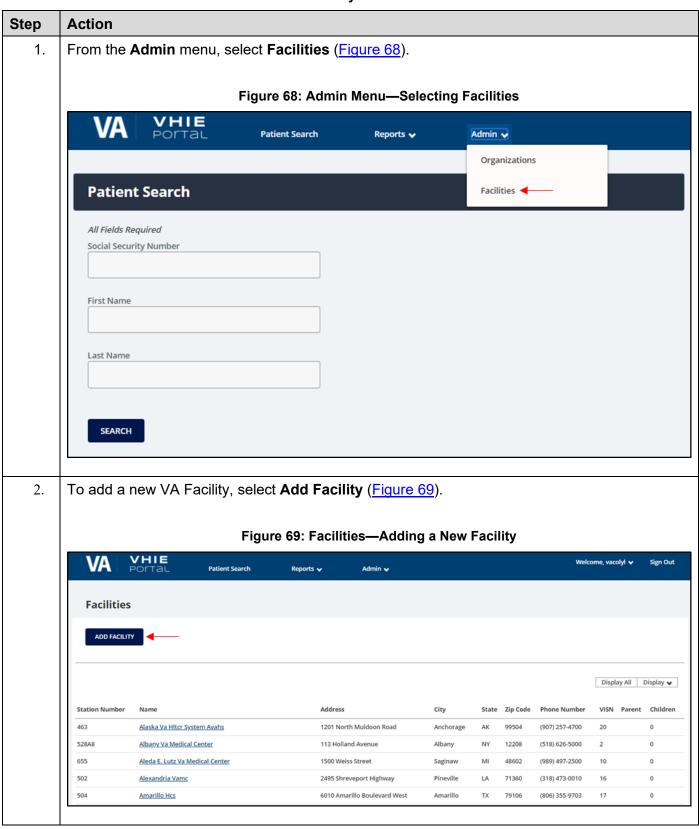
4.11.3 Access or Modify Facilities List

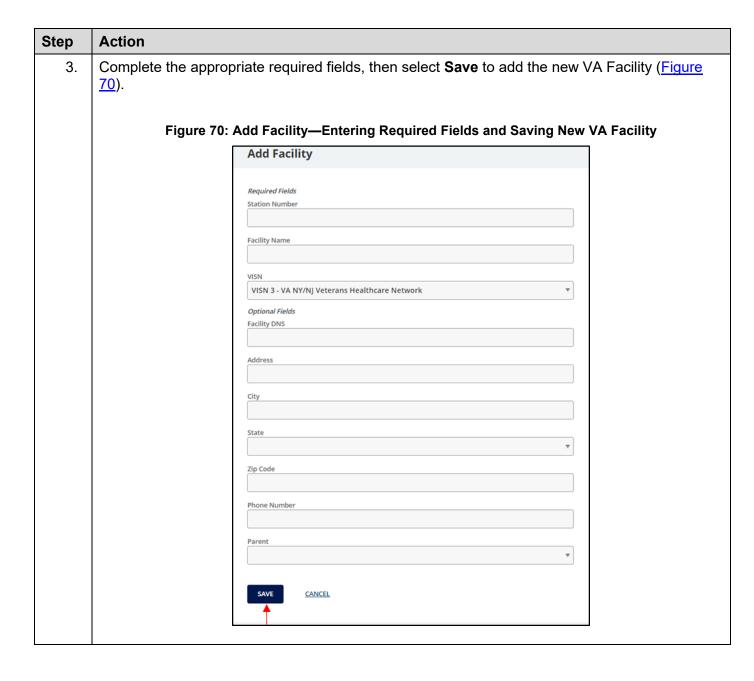
The VHIE admin user can access the list of VA Facilities to view, edit, delete, or add new facilities.

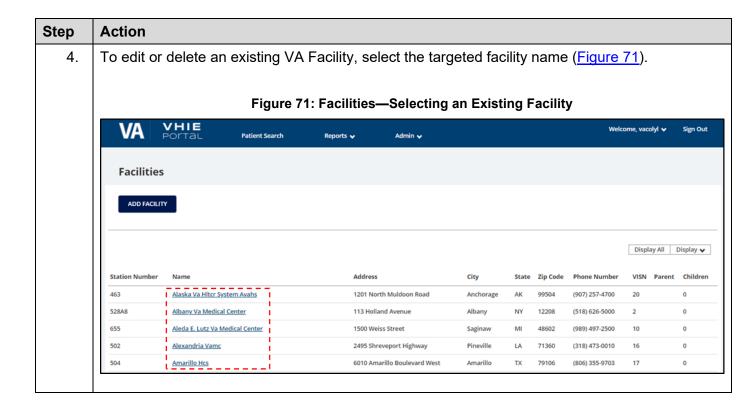
4.11.3.1 Prerequisite

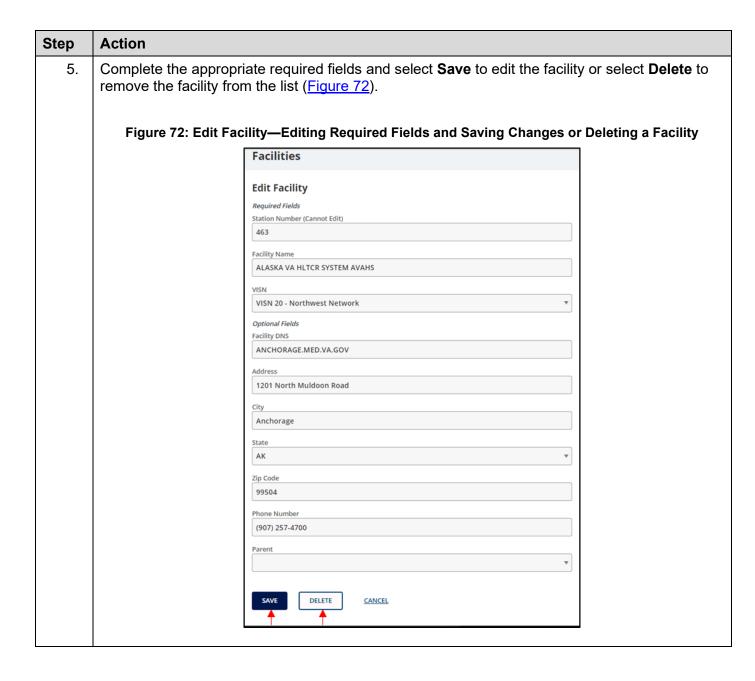
- The user has logged in via SSOi or another VA-approved method for authentication.
- The user is provided with elevated admin privileges to access and modify the list of VA Facilities.

Table 16: Access or Modify Facilities List









4.12 Welcome Menu—User Preferences, User Guide, and About VHIE Portal

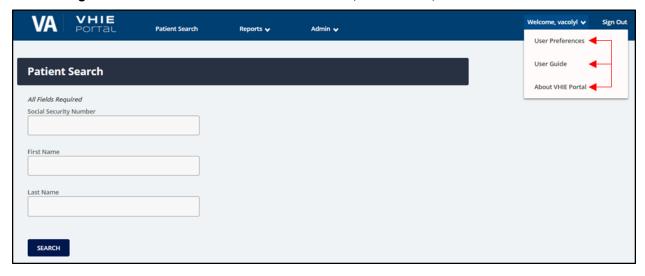
From within the VHIE Portal, a VHIE user can select the displayed username at the top of the web page (<u>Figure 73</u>) to select the **Welcome** menu items:

- User Preferences—Set or update a default facility.
- User Guide—Access the Portal User Guide.
- **About VHIE Portal**—View information about the VHIE Portal software.

4.12.1 Prerequisite

The user has logged in via SSOi or another VA-approved method for authentication.

Figure 73: Welcome Menu—User Preferences, User Guide, and About VHIE Portal



4.12.2 Set or Update User's Default Facility

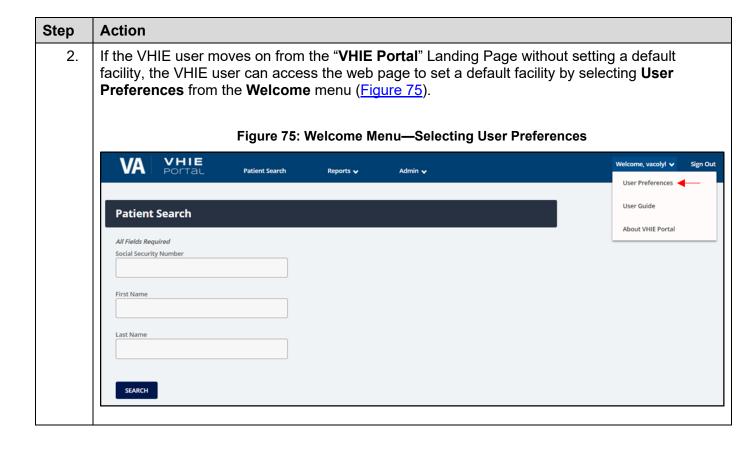
The VHIE user can set or remove their default facility from the notification message at the "VHIE Portal" Landing Page or by selecting User Preferences from the Welcome menu, under the username.

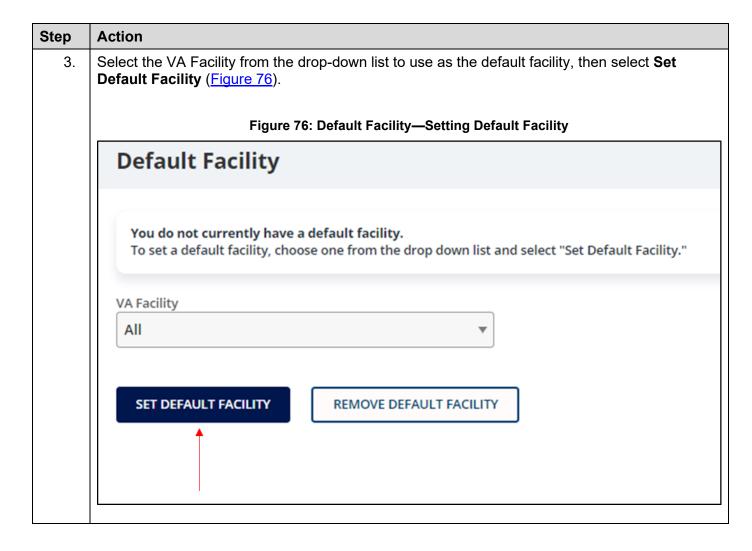
4.12.3 Prerequisite

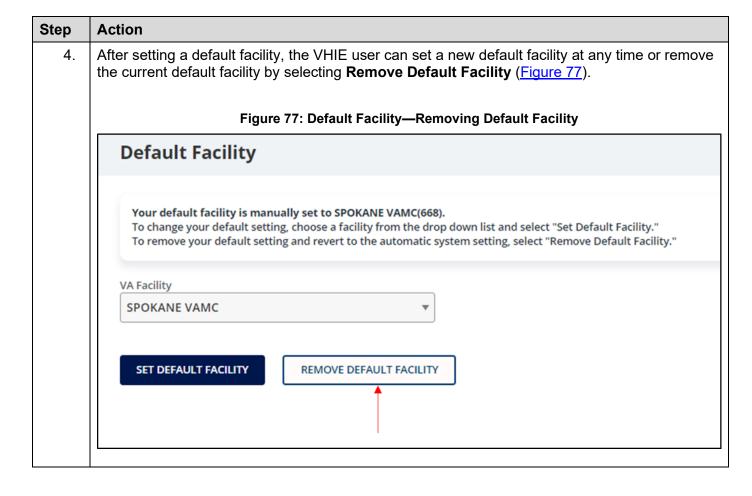
The user has logged in via SSOi or another VA-approved method for authentication.

Step Action 1. If the VHIE user has not set a default facility, a notification message displays at the "VHIE Portal" Landing Page after login (Figure 74). NOTE: The notification message will continue to display at the "VHIE Portal" Landing Page until the VHIE user has set a default facility. Figure 74: VHIE Portal—Landing Page: Notification Message to Set Default Facility

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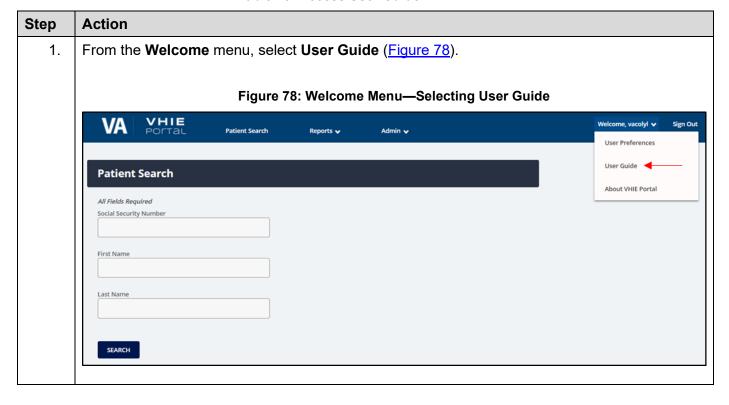
4.12.4 Access User Guide

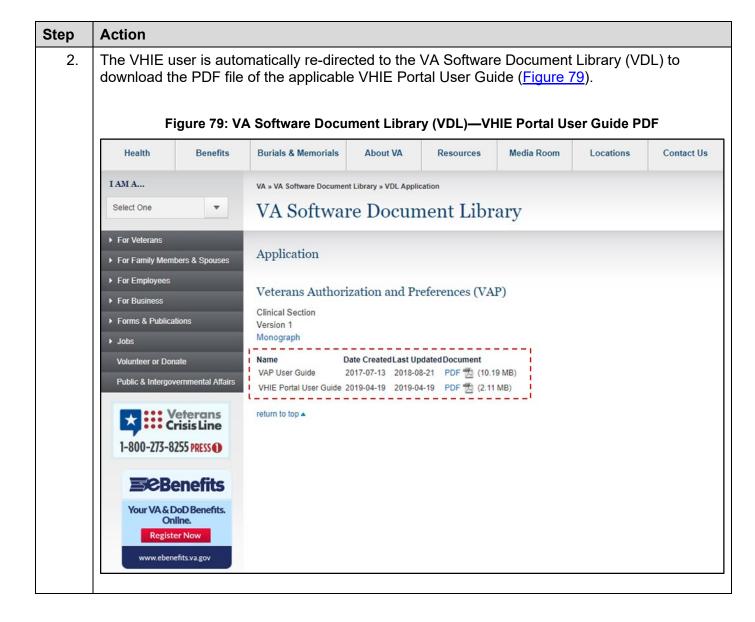
The VHIE user can access the VHIE Portal User Guide by selecting **User Guide** from the **Welcome** menu, under the username.

4.12.4.1 Prerequisite

The user has logged in via SSOi or another VA-approved method for authentication.

Table 18: Access User Guide





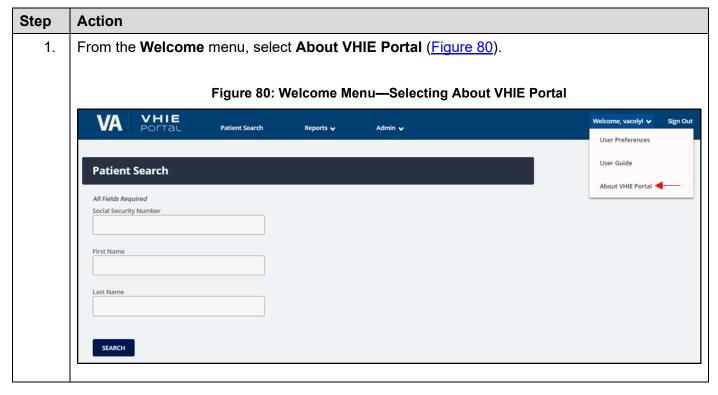
4.12.5 View System Software Information

The VHIE user can view the system status and software version of the VHIE Portal by selecting **About VHIE Portal** from the **Welcome** menu, under the username.

4.12.5.1 Prerequisite

The user has logged in via SSOi or another VA-approved method for authentication.

Table 19: View System Software Information



Step	Action			
2.	The information is displayed for the software version and the system status of the VHIE Portal (Figure 81).			
	Figure 81: "About VHIE Portal" Screen			
	About VHIE Portal			
	VHIE			
	Version: 1.2.4			
	System Status: OK (200)			

5 Troubleshooting

5.1 Special Instructions for Error Correction

Table 20: Special Instructions for Error Correction

User Interface	Error	Cause	Resolution	
Login Screen	User does not have permissions.	This is caused when the user account, passed from SSOi, is <i>not</i> mapped to the VHIE Portal user access list.	If you need access or have existing permissions, contact the Enterprise Service Desk (ESD) for support.	
Patient Search Screen	SSN is required. Last Name is required. First Name is required.	The SSN, Last Name, and First Name fields <i>must</i> be filled before pressing the Search button. Any or all of these errors can occur depending on which fields were filled in and which were not.	The SSN, Last Name, and First Name fields <i>must</i> all be filled in before pressing the Search button.	
Patient Search Screen	SSN is not valid.	The SSN field needs to contain nine (9) numeric characters. This error occurs if less than nine (9) numeric characters or any <i>non</i> -numeric characters are entered.	The SSN field <i>must</i> contain exactly nine (9) numeric and no other characters before pressing the Search button. (The Last Name and First Name fields <i>must</i> also be populated.)	
Patient Search Screen	Last Name is not valid. First Name is not valid.	The Last Name and First Name fields <i>must</i> contain alphabetic characters only. Some special characters, such as periods and apostrophes, are allowed. Either or both errors can occur depending on which fields were filled incorrectly.	The Last Name and First Name fields <i>must</i> contain only alphabetic characters before pressing the Search button. (Some special characters are allowed, such as periods and apostrophes.)	
Opt-out of Sharing Screen	Patient Signature Date must be after the date the authorization was signed.	This message occurs when you choose the Opt-out option on the " Opt-out of Sharing " screen if the patient signature date entered is earlier than the date the authorization was originally signed.	The Patient Signature Date field on the "Opt-out of Sharing" screen <i>must</i> be filled with a date later than the date the authorization was originally signed if you choose "Opt-out" as the reason.	
Export Disclosures Report to .CSV	Date column is not displaying the date in a standard Date and Time format	This is a result of Excel automatically converting the text file into a different into a default format.	 Right-click on the Date column. Select Format Cells. Under the Number tab, select Date as the Category. 	

User Interface	Error	Cause	Re	esolution
	when opening using Excel.		4.	Select the format Type to display the Date and Time (e.g., 2/14/12 1:30 PM).
View Saved XML for Disclosures Reports and CDA- type Health Documents	Saved XML displays error message on the browser.	If using Google Chrome as the browser, after opening the XML file, the file is opened using IE as the default application.	•	Resolution 1: Use Microsoft (MS) Internet Explorer (IE) as the browser when downloading XML. Resolution 2: If using Google Chrome as the browser, the user <i>must</i> open the saved file using Google Chrome or another XML viewer application (e.g., MS Edge or Notepad).

6 Acronyms and Abbreviations

Table 21: Acronyms and Abbreviations

Term	Definition	
508	Section 508 Accessibility	
AD	Active Directory	
AWS	Amazon Web Service	
CDA	Clinical Document Architecture	
COTS	Commercial-Off-the-Shelf	
CSV	Comma-Separated Values	
DAO	Designated Approving Officer	
DoD	Department of Defense	
eHX	eHealth Exchange	
ePAS	Electronic Permission Access System	
ESR	Enrollment System Redesign	
GAL	Global Address List	
HC IdM	Healthcare Identity Management	
HEP	HealthShare Enterprise Platform	
HITSP	Healthcare Information Technology Standards Panel	
HS	HealthShare	
HTML	HyperText Markup Language	
ICN	Integration Control Number (MVI)	
ID	Identifier or Identification	
IE	Internet Explorer	
LAN	Local Area Network	
MISSION	Maintaining Internal Systems and Strengthening Integrated Outside Networks	
MS	Microsoft	
MVI	Master Veteran Index	
PDF	Portable Document Format	
PII	Personally Identifiable Information	
PIV	Personal Identity Verification	
POC	Point of Contact	

Term	Definition
PPP	Patient's Participation Preferences
SES	Single Encounter Summary
SSA	Social Security Administration
SSN	Social Security Number
SSOi	Single Sign On – internal
TMS	Talent Management System
UG	User Guide
UI	User Interface
URL	Uniform Resource Locator
VA	Department of Veterans Affairs
VAP	Veterans Authorizations and Preferences
VDIF	Veterans Data Integration and Federation
VDL	VA Software Document Library
VHA	Veterans Health Administration
VHIE	Veterans Health Information Exchange
VIP	Veteran-focused Integrated Process
VistA	Veterans Health Information Systems and Technology Architecture
VLER	Virtual Lifetime Electronic Record
WWW	World Wide Web
XML	Extensible Markup Language