

# Web VNA

## Installation Guide

Version: 1.0.x

Written by: Product Knowledge, R&D

Date: Wednesday, November 16, 2016

©2016 Lexmark. All rights reserved.

Lexmark is a trademark of Lexmark International Inc., registered in the U.S. and/or other countries. All other trademarks are the property of their respective owners. No part of this publication may be reproduced, stored, or transmitted in any form without the prior written permission of Lexmark.

## Table of Contents

<b>Web VNA Installation Guide</b> .....	<b>4</b>
Get started with Web VNA .....	4
<i>What is Web VNA?</i> .....	4
<i>Install Web VNA</i> .....	4
<i>Configure Web VNA</i> .....	5
<i>Merge patient records</i> .....	6
<i>Configure SQL Server Agent</i> .....	6
Add the Performance Monitor User .....	7

# Web VNA Installation Guide

## Get started with Web VNA

### What is Web VNA?

Web VNA is a web-based program that provides administrators with tools to centrally manage medical information and systems across the enterprise. Web VNA includes the following modules.

- Patient Explorer. View and edit patient demographics.
- Workflow Management. Manage, move, and store workflows between systems.
- XDS Explorer. Browse XDS repositories.
- Visualization. View routes, application entities (AEs), destinations, and workflows.
- Migration Monitor. Monitor data migrations between systems.
- Route Management. Manage routes, AEs, and destinations.
- VNA Web Site Administration. Manage sites, systems, and users.
- System Diagnostics. Monitor activities, and view logs and system events.

### Install Web VNA

To install Web VNA, complete the following steps.

**Prerequisite** Refer to the technical specifications for a complete list of setup program prerequisites.

1. Log in to the **Customer Portal**.
2. On the **Downloads** page, download the **Installer.zip** file to a temporary directory on your computer, and then extract the contents of the file.
3. To launch the Setup Wizard, double-click the **VnaWebSetup.msi** file.
4. On the welcome page, click **Next**.
5. On the **End-User License Agreement** page, scroll to the bottom of the license agreement, select the **I accept the terms in the License Agreement** check box, and then click **Next**.
6. On the **Features** page, select the features that you want to install, and then click **Next**.
7. On the **Website Selection** page, select an installation website and then click **Next**.
8. On the **Destination Folder** page, click **Next**.

**Note:** To change the destination folder, click **Change**.

9. On the **App Server** page, type the name of your application server and then click **Next**.
10. On the **Service User** page, type credentials for the Acuo service user account, and then click **Next**.

**Note:** The account you specify here must have access to the following on each application server: DCOM, Remote Registry, Administrator File Share, and Remote Performance Monitor.

11. On the **Security** page, perform one of the following actions.
  - In the **Context Type** list, select **Machine**.

- In the **Context Type** list, select **Domain**, and then type the domain name and container.
12. Click **Next**.
  13. On the **Service User** page, type the name of your administrator group, and then click **Next**.
  14. On the **Ready to install Acuo Web VNA** page, click **Install**.  
The Setup Wizard copies files to the computer.
  15. On the **Completed the Lexmark Web VNA Setup Wizard** page, click **Finish**.

## Configure Web VNA

To configure the minimum settings necessary to run Web VNA, complete the following steps.

1. In a browser, go to **http://localhost:8083/vnaweb/#/login**.

**Note:** If you entered a different port number than 8083 during installation, substitute 8083 with the port number you entered.

2. Log in to **Web VNA**.
3. On the home page, click **Web Site Administration**.
4. On the **VNA Web Site Administration** page, click **VNA Enterprise Service**.
5. On the **VNA Enterprise Service** page, click the **Add** button.  
A new system name appears in the **Systems** list in the left pane.
6. On the **VNA System Service** page, in the **Systems** pane, click the name of the new service.
7. In the right pane, click **Actions**, click **Edit**, and then complete the following substeps.
  1. In the **Name** box, type the name of the system.
  2. In the **Display Name** box, type the name you want to appear in the **Systems** pane.
  3. In the **Url** box, type the address to the server that is hosting **Web VNA**.
  4. In the **VNA AcuoREST URL** box, type the address of the AcuoREST server.
  5. In the **Migration Monitor URL** box, type the address to the migration monitor server.
  6. In the **VNA Access URL** box, type the address to the VNA Access server.
8. Under **Domains**, click the **Add** button, and then complete the following substeps.
  1. In the **Domain ID** box, type the domain ID.
  2. In the **Display name** box, type the display name for the domain.
  3. In the **Route Id** box, type the ID of the route that you want to associate with the domain.
9. Click **Save**.
10. At the top of the page, click the **VNA System Service** list, point to **Web Administration**, and then click **VNA Web Settings**.
11. In the **VNA Web Site Settings** page, complete the following substeps.
  1. To connect **Web VNA** to your token service, in the **VNA Token Service URL** box, type the URL of the service.
  2. To connect **Web VNA** to your VNA enterprise service, in the **VNA Enterprise Service URL** box, type the URL of the service.

3. To connect **Web VNA** to your fusion service, in the **Fusion Service URL**, type the URL of the service.
12. Click **Save**.
13. At the top of the page, click the **VNA Web Settings** list, point to **Web Administration**, and then click **VNA Token Service**.
14. In the **Acuo Groups and Users** list, to the right of the administrator account (Acuo Administrator, by default), click the **Actions** list and then click **Edit**.
15. In the **Acuo Administrators Permission** page, complete the following substeps.
  1. To the right of the **Domains** row, click the **Action** list and then click **Edit**.
  2. In the **Values** column, type the domain ID that you created in a previous step.
  3. Confirm that all other information on the **Acuo Administrators Permission** page is correct, and edit if necessary.
16. Click **Save**.

## Merge patient records

You can merge one patient record (the source patient) with another patient record (the destination patient). This can be useful, for example, when a database contains more than one record for a patient, and you cannot delete either record because they contain non-identical information. To merge patient records, complete the following steps.

1. Find the patient record that you want to be the source patient.
2. In the patient row, click **Actions**, and then select **Merge to Patient**.
3. To find a destination patient, complete the following substeps.
  1. In the **Patient Merge** dialog box, in the right pane, type a complete patient ID number in the **Patient ID** box, or type any part of the patient's first or last name in the **Patient Name** box, and then click **Search**.
  2. On the **Patients** tab, click the patient record that you want to be the destination patient.

The name and ID of the patient record that you clicked appear in the left pane under Destination, and the **Studies** tab displays studies for the patient record. This is for reference only, and clicking a study, series, or image does not affect the patient merge operation.
4. Click **Merge Patient**.

The patient records merge, and Web VNA deletes the source patient.

## Configure SQL Server Agent

After installing Web VNA, you must configure SQL Server Agent to start before Web VNA runs. To configure SQL Server Agent, complete the following steps.

1. On the desktop, right-click the **My Computer** icon and then select **Manage**.
2. In the **Computer Management** dialog box, in the left pane, select **Computer Management (Local)**.
3. In the center pane, double-click **Services and Applications**, and then double-click **Services**.
4. In the **Services** list, right-click **SQL Server Agent**, and then select **Properties**.

5. On the **General** tab, in the **Startup type** list, select **Automatic**.
6. Click **OK**.

### Add the Performance Monitor User

After installing Web VNA, you must add the service user that you specified during the installation to the Performance Monitor User group in Windows. To add the Performance Monitor User, complete the following steps.

1. On the desktop, right-click the **My Computer** icon and then select **Manage**.
2. In the **Computer Management** dialog box, expand **Local Users and Groups** and then select **Groups**.
3. In the middle pane, right-click **Performance Monitor Users** and then select **Add to Group**.
4. In the **Performance Monitor Users Properties** dialog box, click **Add**.
5. In the **Select Users, Computers, Service Accounts, or Groups** dialog box, select **AcuoServiceUser** and then click **OK**.

**Note:** If you entered a different service user name during installation, select that name instead.

6. To close the **Performance Monitor Users Properties** dialog box, click **OK**.