Web VNA

Technical Specifications

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Overview

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

Web VNA specifications

The following are the minimum hardware, software, and other requirements to use Web VNA.

Hardware

The minimum hardware requirements are provided in the following table.

Component	text
Processor	Intel Core Duo
Display	1024 x 768, 32-bit color
Network Interface	10/100/1000 Mbps
Network Protocol	Standard network connection to DICOM devices

Internet Browser

- Internet Explorer 11
- Microsoft Edge
- Chrome
- Firefox
- Safari

Operating Systems

- Windows Server 2016
- Windows Server 2012
- Windows Server 2008 R2 SP1

Web Application Servers

- Microsoft IIS 7.0, 8.5, 10

Software

- .NET 4.6.1 or later
- Microsoft SQL Server 2016
- Microsoft SQL Server 2012 SP2
- Microsoft SQL Server 2008 R2 SP3 and SP4
- AcuoMed

Memory

- 6 GB RAM

Disk Space

- 100 MB of free space

Conflict Management Feature

- AcuoMed 6.0.3 HF1

XDS Explorer Requirements

- Acuo XDS Registry (6.0.4, 6.0.3 HF1 and 6.0.2 HF4): AcuoAccess XDS Registry PlugIn
- Acuo eMPI (6.0.4, 6.0.3 HF1 and 6.0.2 HF4, for MPI PDQ queries): Acuo PDQ Supplier PlugIn

IIS role services

Windows Server 2012

The following IIS roles must be added in Windows Server 2012 when using Web VNA 1.4 or 1.5. Web VNA 1.4 requires .NET 4.5.1 or later, and Web VNA 1.5 requires .NET 4.6.1 or later.

- Common HTTP Features
  - Static Content
  - Default Document
  - Directory Browsing
  - HTTP Errors
- Application Development
  - ASP.NET (all versions, if available)
  - ,NET Extensibility
  - ASP
  - ISAPI Extensions
  - ISAPI Filters
- Health and Diagnostics
  - HTTP Logging
  - Request Monitor
- Security
  - Request filtering
- Performance
  - Static Content Compression
  - Dynamic content compression
- Management Tools
  - IIS Management Console

Windows Server 2016

The following IIS roles must be added in Windows Server 2016 when using Web VNA 1.5. Requires .NET 4.6.1 or later.

- Server Roles
  - Web Server (IIS)
- Features
  - .NET Framework 4.6 Features
    - ASP.NET 4.6
- IIS Role Services
  - Common HTTP Features
    - Default Document
    - Directory Browsing
    - HTTP Errors
    - Static Content
    - HTTP Redirection
  - Health and Diagnostics
    - HTTP Logging
    - Custom Logging
    - Logging Tools
    - Request Monitor
    - Tracking
  - Security
    - Request filtering
    - Centralized SSL Certificate Support
- Management Tools
  - IIS Management Console

Web VNA Compatibility

This section describes which versions of Web VNA support various third-party features and products.

NilRead Launch

The following table indicates which versions of Web VNA can launch studies in NilRead.

	Nil 4.0 and earlier	**Nil 4.1**	**Nil 4.2**
Web VNA 1.3	No	No	No
Web VNA 1.4	No	Yes	Yes
Web VNA 1.5	No	Yes[1]	Yes[2]

1. When legacy Nil URLs are configured.
2. Auto login not supported with Nil-provisioned accounts (must use AD)

NilRead QC Launch

The following table indicates which versions of Web VNA can launch studies in NilRead QC. Requires the corresponding NilRead QC license and special configuration in Web VNA.

	Nil 4.0 and earlier	**Nil 4.1**	**Nil 4.2**
Web VNA 1.3	No	No	No
Web VNA 1.4	No	Yes	Yes
Web VNA 1.5	No	No	Yes[1]

1. Auto login not supported with Nil-provisioned accounts (must use AD)

Windows Server

The following table indicates which versions of Web VNA support which versions of Windows Server.

	Server 2008	**Server 2008 R2 SP1**	**Server 2012**	**Server 2016**
Web VNA 1.3	Yes	Yes	Yes	No
Web VNA 1.4	Yes	Yes	Yes	No
Web VNA 1.5	No	Yes	Yes	Yes

AcuoMed

The following table indicates which versions of Web VNA support which versions of AcuoMed.

	6.0.2 HF 4	**6.0.3**	**6.0.4**
Web VNA 1.3	Yes[1]	No	No
Web VNA 1.4	Yes	Yes	Yes
Web VNA 1.5	Yes	Yes	Yes

1. Up to build 6.0.2.400. Later builds/versions require Web VNA 1.4.