

# Assuria Auditor System Requirements

## Overview

### Introduction

This document defines the system requirements for Assuria Auditor version 4.2.8 at AutoUpdate 3.85 or later. These requirements are subject to change. The latest version of these requirements is available on the Assuria Online Customer Resource Centre Web site at <http://www.assuriaonline.com>.

### Assuria Auditor

**Assuria Auditor** is a security configuration assurance, vulnerability assessment, change detection system for enterprise servers. Assuria Auditor examines and verifies system settings, the selected system options and user preferences of computer systems against an organisations system configuration policy. Variances and deficiencies from the desired configuration policy are highlighted.<sup>1</sup>

## Assuria Auditor Requirements

### Introduction

The system requirements you need to satisfy in order to install Assuria Auditor on your computer:

### Assuria Auditor components

Assuria Auditor consists of the following components:

- Assuria Auditor Console version 4.2.8 (AutoUpdate 58 and later)
- Assuria Information Manager (AIM)
- Assuria Auditor VITA version 4.2.8 – Web interface
- Assuria Auditor Agents for Windows – 2000/2003/2008
- Assuria Auditor Agents for Unix and Linux
- Assuria Auditor Remote Adaptor (RA)

### Typical installation scenario

An Assuria Auditor installation usually consists of one or more consoles that manage and report on multiple agents. An installation can be as small as a single agent installed on the console computer, or it can consist of multiple consoles managing a large number of agents.

The Assuria Information Manager and Remote Scan Adaptor are optional components which must be co-resident with the console.

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<sup>1</sup> Formerly known as ISS System Scanner™ Assuria Auditor is a continuation and evolution of ISS System Scanner and built from the same source code tree. Since 2005, Assuria have added many features and functions to Assuria Auditor.

## Installation requirements for the Assuria Auditor Console (evaluation version)

The system requirements for installing the Assuria Auditor Console on a computer if you are evaluating the software or are conducting small-to medium installations are:

Requirement	Recommendation
Processor	1 GHz Intel Pentium III or greater.
Operating system	<b>Windows 2000</b> <ul style="list-style-type: none"> <li>Windows 2000 Professional (SP4 or later)</li> <li>Windows 2000 Server (SP4 or later)</li> </ul> <b>Windows 2003</b> <ul style="list-style-type: none"> <li>Windows Server 2003 Standard Edition (SP2 or later)</li> <li>Windows Server 2003 Enterprise Edition (SP2 or later)</li> <li>Windows Server 2003 Release 2 (R2)</li> </ul> <b>Windows 2008</b> <ul style="list-style-type: none"> <li>Windows Server 2008 (all x86 based editions)</li> <li>Windows Server 2008 core (all x86 based editions)</li> </ul>
Free hard disk space	2GB for vulnerability results and reports <b>Note:</b> The disk space depends on the policy you use, the amount of activity, and the number of agents you are monitoring.
RAM	1GB or greater
User privileges	Local or Domain Administrator
Database	Microsoft SQL Server 2000 / 2005 Microsoft SQL Server 2005 Express
	<i>System requirements for the Console (evaluation version)</i>

## Installation requirements for the Assuria Auditor Console (Enterprise version)

The system requirements for installing the Assuria Auditor Console on a computer if you are installing the Enterprise version of the console are:

Requirement	Recommendation
Free hard disk space	2GB – 4GB for vulnerability results and reports <b>Note:</b> The disk space depends on the Assuria Auditor policies you use, the amount of activity, and the number of agents you are monitoring.
Processor	1 GHz Intel Pentium III or greater
RAM	1GB (2GB or greater recommended)
User privileges	Local or Domain Administrator
Database	Microsoft SQL Server 2005 Microsoft SQL Server 2000 recommended Microsoft SQL Server 2005 Express
Third-party software—not included	Microsoft Internet Explorer 6.0 or later (to run HTML Help and HTML reports) ( <i>needed for console only</i> ) <a href="http://www.microsoft.com/windows/ie/default.asp">http://www.microsoft.com/windows/ie/default.asp</a> Adobe Acrobat Reader 6.x or later (to view PDF files) ( <i>needed for console only</i> ) <a href="http://www.adobe.com/products/acrobat/readstep2.html">http://www.adobe.com/products/acrobat/readstep2.html</a> Microsoft SQL Server 2005 Microsoft SQL Server 2005 Express Microsoft SQL Server 2000 <a href="http://www.microsoft.com/sql">http://www.microsoft.com/sql</a>
Dedicated system?	Yes
Additional requirements	TCP/IP with bi-directional name resolution between the agent and console hostnames
	<i>System requirements for the Assuria Auditor Console (Enterprise version)</i>

## Installation requirements for Assuria Auditor VITA

Use Assuria Auditor VITA (the Web-based management application) if you require distributed operational management access to one or more Assuria Auditor Consoles or management from ISS's Site Protector.

**Important:** When you install Assuria Auditor VITA, you should increase the Assuria Auditor Console requirements for both types of installations—evaluation/small-to medium and Enterprise.

The system requirements for installing Assuria Auditor VITA on a computer are:

Requirement	Recommendation
Operating system	<b>Windows 2000</b> <ul style="list-style-type: none"> <li>Windows 2000 Professional (SP4 or later)</li> <li>Windows 2000 Server (SP4 or later)</li> </ul> <b>Windows 2003</b> <ul style="list-style-type: none"> <li>Windows Server 2003 Standard Edition (SP2 or later)</li> <li>Windows Server 2003 Enterprise Edition (SP2 or later)</li> <li>Windows Server 2003 Release 2 (R2)</li> </ul>
Memory	1GB or greater recommended for the Console
Disk space	200MB additional disk space
Third party software—not included	Microsoft Internet Explorer 6.0 or later <a href="http://www.microsoft.com/windows/ie/default.asp">http://www.microsoft.com/windows/ie/default.asp</a>
	<i>System requirements for the Assuria Auditor VITA</i>

## Installation requirements for Assuria Information Manager (AIM)

Assuria Information Manager must be co-resident with the Assuria Auditor Console. The system requirements for installing Assuria Information Manager are in addition to the requirements for the console, and are:

Requirement	Recommendation
Operating system	<b>Windows 2000</b> <ul style="list-style-type: none"> <li>Windows 2000 Professional (SP4 or later)</li> <li>Windows 2000 Server (SP4 or later)</li> </ul> <b>Windows 2003</b> <ul style="list-style-type: none"> <li>Windows Server 2003 Standard Edition (SP2 or later)</li> <li>Windows Server 2003 Enterprise Edition (SP2 or later)</li> <li>Windows Server 2003 Release 2 (R2)</li> </ul> <b>Windows 2008</b> <ul style="list-style-type: none"> <li>Windows Server 2008 (all x86 based editions)</li> <li>Windows Server 2008 core (all x86 based editions)</li> </ul>
Auditor Console	At AutoUpdate 85 or later
Memory	A minimum of 50MB additional memory
Disk space	A minimum of 32MB additional disk space
	<i>System requirements for the Assuria Information Manager</i>

## Installation requirements for Assuria Remote Scan Adaptor

Assuria Remote Scan Adaptor must be co-resident with the Assuria Auditor Console. The system requirements for installing Assuria Remote Scan Adaptor are in addition to the requirements for the console, and are:

Requirement	Recommendation
Operating system	<b>Windows 2003</b> <ul style="list-style-type: none"> <li>Windows Server 2003 Standard Edition (SP2 or later)</li> <li>Windows Server 2003 Enterprise Edition (SP2 or later)</li> <li>Windows Server 2003 Release 2 (R2)</li> </ul> <b>Windows 2008</b> <ul style="list-style-type: none"> <li>Windows Server 2008 (all x86 based editions)</li> <li>Windows Server 2008 core (all x86 based editions)</li> </ul>
Auditor Console	At AutoUpdate ?? or later (to be determined)
Third-party software	Microsoft .NET framework 3.5 Sun Java 6 Virtual Machine
Memory	A minimum of 256MB additional memory
Disk space	200MB additional disk space
	<i>System requirements for the Assuria Remote Scan Adaptor</i>

## Assuria Auditor Agents

### Installation requirements for Assuria Auditor Agent 4.2.x for Windows

The following table describes the system requirements for installing the Assuria Auditor Agent 4.2.x for Windows.

Requirement	Minimum Recommendation
Operating system	<b>Windows 2000</b> <ul style="list-style-type: none"> <li>Windows 2000 Professional</li> <li>Windows 2000 Server</li> </ul> <b>Windows 2003</b> <ul style="list-style-type: none"> <li>Windows Server 2003 Standard Edition</li> <li>Windows Server 2003 Web Edition</li> <li>Windows Server 2003 Enterprise Edition</li> <li>Windows Server 2003 Release 2 (R2)</li> </ul> <b>Windows 2008</b> <ul style="list-style-type: none"> <li>Windows Server 2008 (all x86 based editions)</li> <li>Windows Server 2003 (all x64 based editions)</li> <li>Windows Server 2008 core (all x86 based editions)</li> <li>Windows Server 2003 core (all x64 based editions)</li> </ul>
Memory	64MB minimum (128MB or greater recommended for the Console)
Disk space	200MB additional disk space
<b>Additional requirements</b>	<p>Assuria Auditor on an NTFS-formatted partition. (You will not be able to properly harden FAT and FAT32 partitions.)</p> <p>Install TCP/IP with bi-directional name resolution between the agent and console hostnames.</p>
<i>System requirements for the Assuria Auditor Agent 4.2.x for Windows</i>	

## Installation requirements for Assuria Auditor Agent 4.2 for Unix and Linux

The following table describes the system requirements for installing the Assuria Auditor Agent 4.2 for Unix and Linux on a computer:

Requirement	Minimum Recommendation
Operating Systems	Solaris 7, 8, 9 and 10 (SPARC) Solaris 10 (X86) Red Hat Enterprise Linux 3, 4, 5 (X86, X64) SuSE Enterprise Linux 10 (X86, IBM Z system) AIX 5L (5.1, 5.2, 5.3) HP-UX 11.0, or 11i (PA-RISC) HP-UX 11.23 (Itanium)
Memory	512MB RAM
Disk space	35MB free disk space 50MB for scan results (typical installation)
Additional requirements	Please read the readme.txt file before installing the Red hat Enterprise agents. TCP/IP with bi-directional name resolution between the agent and console hostnames. The Red Hat Enterprise v3/4 Linux Agent installation process requires the presence of the utilities 'uudecode' and 'compress' on the agent machine. If these are not already installed, they can be obtained by installing the 'sharutils' and 'ncompress' RPMs from Red Hat, Inc.
	<i>System requirements for the Assuria Auditor Agent 4.2 for Unix or Linux</i>