



DefendX Software Control-Audit™

Installation Overview

This guide details the components of DefendX Software Control-Audit™ along with their related documentation from an administrator's perspective.

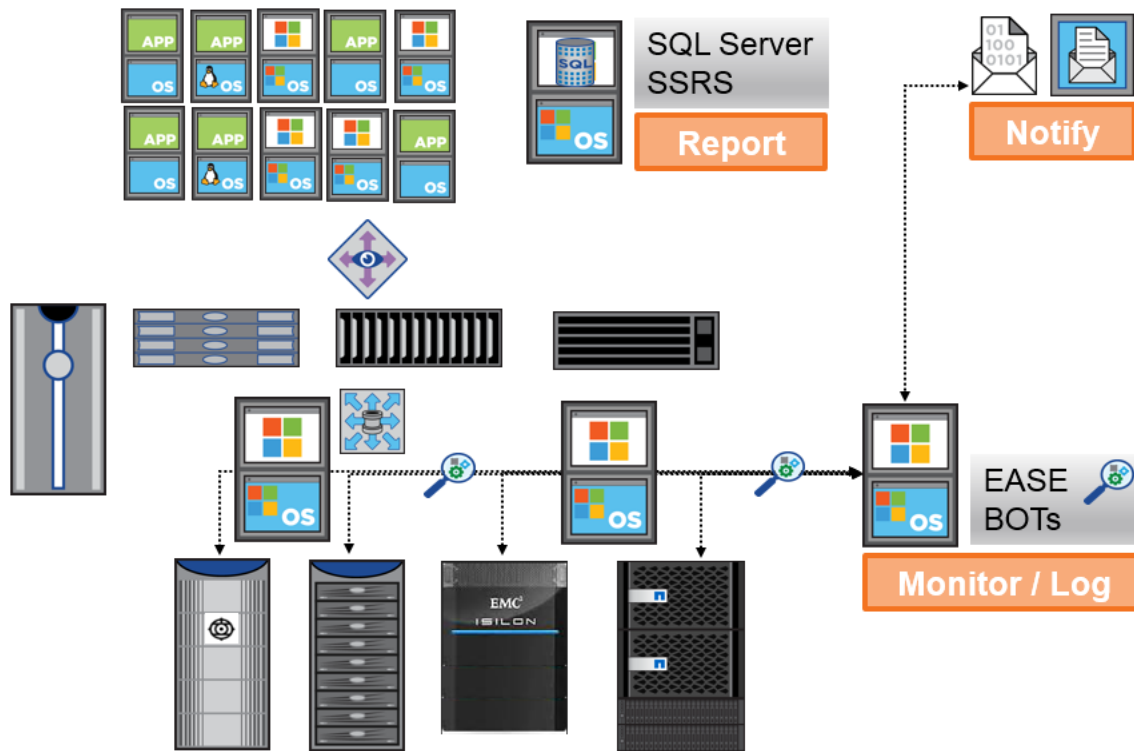


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Section 1: Executive Summary

DefendX Software's Control-Audit gives an immediate view of who is accessing which documents across your entire storage environment. The view is in real time. This file auditing software gives you automatic reporting and auditing tools. These tools help you build an extra layer of security around your company's sensitive file data and intellectual property. With file auditing software, you'll have confidence knowing that you can trust your storage file data to perform when you it.



Section 2: Control-Audit System Requirements and Components

Here are the recommended Requirements, based on Implementation size:

For Small (up to 100TB of data to protect) Implementations

	RAM	CPU	DISK GB	IOPS	NET
DB Server	16	8	250*	400	1 x 1Gb
IIS	8	3	80	20	1 x 1Gb
Data Collection Agent + Proxy (per server)	8	3	60	120	2 x 1Gb

For Medium (101 to 500TB of data to to protect) Implementations

	RAM	CPU	DISK GB	IOPS	NET
DB Server	16	8	500*	800	1 x 1Gb
IIS	8	4	80	40	1 x 1Gb
Data Collection Agent + Proxy (per server)	8	4	60	120	2 x 1Gb

For Large (501TB to 2PB of data to protect) Implementations

	RAM	CPU	DISK GB	IOPS	NET
DB Server	32	16	2000*	1200	1 x 10Gb
IIS	12	6	80	80	1 x 1Gb
Data Collection Agent + CTE + Proxy (per server)	8	4	60	240	1 x 10Gb

For Enterprise (Greater than 2PB of data to protect) Implementations

	RAM	CPU	DISK GB	IOPS	NET
DB Server	64	32	4000*	1800	1 x 10Gb
IIS	16	8	80	160	1 x 1Gb
Data Collection Agent + Proxy (per server)	8	4	60	360	2 x 10Gb

*Control-Audit Database growth dependent on data monitoring

The following is a list of the requirements for the application server that will host the Control-Audit applications. These are to be considered “minimum requirements:”

1. Operating System: Windows 2008 or later

2. DefendX Products / Components:

- a) Smart Policy Manager
- b) Control-Audit
- c) BOTs

Note: Additional software may be required depending upon your Storage. Please see the appropriate installation guide.

2.1. MS SQL Server

Control-Audit will support installations to instances on MS SQL Server 2008 or Later.

2.1.1. When Installing SQL Server 2008 or Later

- 1. Mixed mode authentication must be enabled on SQL Server at installation.
- 2. Assure that Reporting Services are installed (**SSRS**).
- 3. The Remote Connection to the SQL Server should be enabled.
- 4. A Service Account must be available that has the following permissions enabled on the Control-Audit databases and report services:
 - a. Systems Administrator (sa)
 - b. db_datareader
 - c. Backup_operator
 - d. Content Management
 - e. Execute

2.2. Ports required for communication

From	To	DCA Server	DC	SQL	Webserver
Prim Storage		135			
DCA Server			389, 3260	80, 1433, SSRS port	
SQL					80, 1433

Section 3: Control-Audit Installation Sequence

Step	Description
STOP!	Before you begin: please confirm that we have a service account (or accounts) with the following conditions: <ol style="list-style-type: none">1. Local administrator on the server that Control-Audit components will run on2. A service account must have full read/write rights on each of the host storage devices (Please see the appropriate installation guide for your storage type for more information)
1	See appropriate Installation document for your specific storage (DefendX Software Control-Audit for Windows, NetApp, EMC, or Hitachi)

About DefendX Software

DefendX Software helps organizations secure their critical business files and maximize the value of their enterprise file storage resources. From comprehensive intelligence, modeling, costing and chargeback to seamless file movement, protection and archiving, DefendX provides industry-leading capabilities to eliminate waste and align the value of files with the storage resources they consume. With DefendX, important file locations and the users who access them can be monitored to provide governance, protect against theft and enforce compliance policies. For more than 20 years, DefendX Software has been helping public and private sector customers around the world save money and eliminate risk every day.

DefendX Software Professional Services

DefendX Software's Professional Services offers consulting, training, and design services to help customers with their storage management challenges. We have helped hundreds of customers to implement cost-effective solutions for managing their storage environments. Our services range from a simple assessment to in-depth financial analyses.

For further assistance in creating the most cost-effective Storage Management Infrastructure, please contact your DefendX Software Representative at 800-390-6937.

Legal & Contact Information

The information contained in this document is believed to be accurate as of the date of publication. Because DefendX Software must constantly respond to changing market conditions, what is here should not be interpreted as a commitment on the part of DefendX Software, and DefendX Software cannot guarantee the accuracy of any information presented after the date of publication.

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