FileSure	Installing and Setting Up the FileSure Web	Console on Windows 2008

ByStorm Software

877-BYSTORM

**R2 Standard** 

This document walks through our process of installing & setting up the Web Console—with all the errors and fixes we encountered. Hopefully by reading through this first, you can eliminate some troubleshooting in your installation and have a quick and easy set-up (or if you hit the same small snags we did, you'll know how to address them!).

To Install and set up the FileSure Web Console on Windows 2008 R2 Standard, here are the first steps:

- 1. Install Windows 2008 R2
- 2. Apply all the Microsoft updates
- 3. Add the Web Server role
- 4. Install FileSure 2.5
- 5. Start Microsoft IE 8 and accept all the defaults
- 6. Browse to http://localhost to ensure that IIS is working.

IS7	<u>à</u> • ₪	→ 🖃 拱 → Page → Safety →	T <u>o</u> ols +
Willko Bienvenue 歡迎 Velkommen Benvenuto Welkom Välkommen Hoş Geldi Ü	welcome Bienvenido Bem- Bem- Deme Bem- Bem- Bem- Bem- Bem- Bem- Bem- B	vindo Vítejte Tervetuloa ברוכים הבאים VELKOMEN 文辺 Witamy Witamy مرحبا	

7. Start FileSure from the start menu.

					1
Ø	Internet E	Explorer (64-bit)			
Internet Explorer					
e	Accessorie	Update			
	Accessorie	es ative Tools			
	ByStorm S	Software		allengb	
	File Su	ure User Guide			
	FileSu	re Quick Start		Documents	
	TileSu	re User Companio	n	Commuter	
	わ FileSu	<u>re</u>		Computer	
	Maintenar Startup	nce		Network	
				Control Panel	
				Devices and Printers	
				Administrative Tools	
				Help and Support	
				Run	
4	Back				
S	earch prog	rams and files		Log off	
🤹 F	ileSure Defe	end- Trial version e	xpiring in 21 days		
Eile	Options <u>W</u>	orkstations <u>H</u> elp			
Rea	al-time monito	Managed machin	ie status		
Cu	rrent file acti	vity for : WIN-38F	UN3RNRJN	<ul> <li>Note: Selecting a differe</li> </ul>	nt machine will clear the file activity window.
Tim	e	Usemame	Operation	File	
⊢					
-					
⊢					
		Pula management	Applysic Depart	and Alarta	
	Inition (daka)	Nule management	Analysis, Nepon	and Alerts	
1	Audi Catch Dragg	t folder moves those Accidental F ers.	older	Audit access to files Who is reading patient data or customer lists?	Stop file theft Protect what is important while still allowing people to use it.
	Audi Catch Dragg	t folder moves those Accidental F ers. a report	older	Audit access to files Who is reading patient data or customer lists? Search audit logs	Stop file theft Protect what is important while still allowing people to use it. Set up an e-mail alert

**Record user activity** 

Got Disgruntled Employees?

Lock file

**ByStorm Software** 

access.

Protect a file from any user

# -mail when something ht happens. Manage workstations

0

Manage workstations throughout your enterprise.

🛛 Close

8. Moving on, create a sample rule to turn on which monitors file accesses:

t Analys	sis, Reports	and Alerts	
<mark>S</mark> Folder	/	Audit access to files Who is reading patient data or customer lists?	1 1 1
		Search auditlogs	2

- a. Click "Audit access to files"
- b. Type in 'txt' in the extension area and select 'Text Document':

🇞 Audit Access to Files			
What file types? Select the types of files for which you want	t to record user access	es.	
			Registered types
Description	Extensions	1	
	🔳 txt		
Text Document	.log; .scp; .txt	; .wtx	
1			
	< Back	Next >	Cancel

- c. Click Next
- d. Select "They are on every drive on the computer"

🌯 Audit Acce	ess to Files	
Where are Select	the files? the location where the files are located.	
When	e are these files?	
	They are all in a certain folder (and subfolders)	
	They are on every drive on the computer	
	They are on just some of the drives	
	< Back (	Cancel

9. Now there is a new file auditing rule called 'Watch File Accesses'

Common tasks	Rule management	Analysis, Report	s and Alerts	
Local rules Ma	aster rules (read-only)			
✓ Auditing Rule	- Trial Rule for Local	Machine - Audit Ac	cess to Micr	osoft Office File
Auditing Rule	- Watch File Accesse	s		
l				
				•

10. Now I right click on the desktop and create a text file.

1	1	
т	т	•

	View Sort by Refresh	+ +	Folder
	Paste Paste shortcut <b>Undo Delete</b>	Ctrl+Z	Eitmap image Contact Rich Text Document Text Document
	New	Þ	Compressed (zipped) Folder
12.	Screen resolution		

13. Then I rename the new text file to cause something to be recorded (the rule doesn't pick up 'creates' only accesses to existing files)



14. Verify that FileSure detected and recorded the file rename

💦 FileSure Defend- Trial version expiring in 21 days.						
File Options W	orkstations <u>H</u> elp					
Current file activ	vity for : WIN-38F	UN3RNRJN	Note: Selecting a different machine will clear the file activity window.	6		
Time	Usemame	Operation	File			
9/27 5:13 PM	WIN-38FUN3RN	Opened for Del	C:\Users\allengb\Desktop\New Text Document.txt			
9/27 5:13 PM	WIN-38FUN3RN	Rename	C:\Users\allengb\Desktop\New Text Document.txt to C:\Users\allengb\Desktop\Bob.txt			

15. Let's set up the automatic publishing

🌯 Configure					_ 🗆 🗵
Network options	Console options	Service options	Security	Pull rules/Push data	Publish
Publish audit	logs to Microsoft Ac	cess File			
Publish audit	log every 30 mi	nutes.			<b>E</b>
Publish the la	ist _30 days of au	iditing data.			
Folder to pub	lish to:				
C:\inetpub	wwwroot				
Include w	orkstation audit logs	•			
				🖌 ОК	Cancel

16. While we've set the schedule up to happen every 30 minute, since we're just starting the publishing, FileSure publishes its current log. So you can check to make sure that it's really there:



17. Download (www.bystorm.com/binaries/webconsole.zip) and unzip into the wwwroot folder:



18. Click 'yes' and give permission to copy the files.

19. If you browse to <u>http://localhost</u> you may get:

20. Hmmmm . . . looks like IIS doesn't like our ASPX files . . . you can start the Server Manager and go to the Web Server role and add the server roles you need:

Server Manager						
Eile Action View Help						
🗢 🔿 🖄 📊						
Server Manager (WIN-38FUN3RNR	Web Server (IIS)					
Roles     Web Server (IIS)     Web Server (IIS)     Winternet Information Se     Arrow Server	Provides a reliable, manageable, an	nd scalable Web application infrastructur	e.			
Configuration	Role Services: 15 installed		Add Role Services			
🕀 🚰 Storage	Role Service	Status	🚰 Remove Role Services			
	🐁 Web Server	Installed				
	Common HTTP Features	Installed				
	皆 Static Content	Installed				
	👆 Default Document	Installed				
	📩 Directory Browsing	Installed				
	HTTP Errors	Installed				
	HTTP Redirection	Not installed				
	WebDAV Publishing	Not installed				
	Application Development	Not installed				
	ASP.NET	Not installed				
	.NET Extensibility	Not installed				
	ASP	Not installed				
	CGI	Not installed				
	1010151	ALCONT OF USE				

21. Accept the suggested services . . .

Add Role 9	Services	×
¢;≡	Add role services required for ASP.NET?         You cannot install ASP.NET unless the required role services are also installed.         Role Services:       Description:         Web Server (IIS)       Web Server (IIS)         Web Server       Web Server         Application Development       ISAPI Filters         ISAPI Extensions       NET Extensibility	liable, b application
(i) Why	Add Required Role Services	Cancel

### 22. Click next and install. Done:

Add Role Services		
Installation Resu	ilts	
Role Services Confirmation	The following roles, role services, or feat	tures were installed successfully:
Progress	Web Server (IIS)	🔇 Installation succeeded
Results	The following role services were insta <b>Web Server</b> Application Development ASP.NET .NET Extensibility ISAPI Extensions ISAPI Filters	alled:

23. Ok...browse to <u>http://localhost</u> and now you may see this . . .

HTTP 500 Internal Server Error - Wind	ows Internet Explorer	_D×
🕒 🗢 🖉 http://localhost/	💽 🔄 🔀 Bing	<b>₽</b> •
🔆 Favorites 🛛 👍 🏉 Suggested Sites 🔹	Ø Web Slice Gallery ▼	
O HTTP 500 Internal Server Error	have a safety - 🖸 👘 - Page - Safety -	• Tools • 🔞 •
i l		
1	Context from the work of a listed below in being	-
	Corrent from the website listed below is being     Locked by the Internet Explorer Enhanced	
	- Security Conliguration.	
1	about.internet	
	Continue to prompt when website content is blocked	
	Learn more about Internet Explorer's Enhanced Security Configuration	-
		ſ
	If you trust this website, you can lower security settings for the site by adding it to the Trusted sites zone. If you know this website is on your local intranet,	
	review help for instructions on adding the site to the local intranet zone instead.	ē,
l l	To add this site to Trusted sites zone : Select the Tools menu, then Internet	
	Options. On the Security tab, select Trusted Zone and then Sites.	
	Important: adding this website to the Trusted sites zone will lower the security settings for all content from this web site for all applications, including Internet	
	Explorer.	
(		-
Waiting for res://ieframe.dll/http_500.htm	🛛 📄 🦓 😜 Internet   Protected Mode: On 🛛 🖓 🗸	🔍 100% 🔻 //.

Turn off IE ESC and try again and . . . drum roll:

[] The 'Microsoft.Jet.OLEDB.4.0' provider is not registered on the local machine Windows Internet Explorer	_
🚱 🔄 🖉 http://localhost/default.aspx 🔽 🗟 🍫 🗙 🖸 Bing	
🖕 Favorites 🛛 😤 Suggested Sites 👻 🙋 Get More Add-ons 👻	
🍘 🕹 👘 🐨 🖾 🗸 🖉 👘 🖉 Page 🗸 Safety 🗸 To	ols -
Server Error in '/' Application. The 'Microsoft.Jet.OLEDB.4.0' provider is not registered on the local machin	ne
Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.	tion
Exception Details: System.InvalidOperationException: The 'Microsoft.Jet.OLEDB.4.0' provider is not registered on the local machine.	
Source Error:	
Line 16: if (!IsPostBack) Line 17: { Line 18: IEnumerable ie = AccessDataSource1.Select(new DataSourceSelectArguments()):	

24. If you too got this, it appears the ADODB drivers aren't installed. Download and install MDAC 2.8 (http://www.microsoft.com/downloads/en/details.aspx?familyid=6C050FE3-C795-4B7D-B037-

# 185D0506396C&displaylang=en

Download details: Microsoft Data Access Components (MDAC) 2.8 - Window	vs Internet Explorer
🕞 🕞 🗢 📶 http://www.microsoft.com/downloads/en/details.aspx?familyid: 💌 💈	🗟 🗲 🗙 🔽 mdac download
🖕 Favorites 🛛 👍 🌈 Suggested Sites 🔹 🙋 Web Slice Gallery 🔹	
🔡 🔻 🏀 http://localhost/default.asp	🏠 🔹 🔝 👻 🖃 🌧 🔹 Page 🔹 Safety 🕶
	United
Microsoft <sup>*</sup> Download Center	Downloads A-Z Product Families
Contraction of the second s	
Microsoft Data Access Components (	MDAC) 2.8
Brief Description	On this page
Microsoft Data Access Components (MDAC) 2.8 contains core Data Access	♦ Quick Details
components such as the Microsoft SQL Server IM OLE DB provider and ODBC driver.	Overview     System Requirements
	♦ <u>Instructions</u>
	<ul> <li>Related Resources</li> <li>What Others Are Downloading</li> </ul>
File Name: Siz	Download
MDAC_TYP.EXE 5.3	MB
17% of MDAC_TYP.EXE from download.microsoft.com Complet	
Download to: Temporary Folder	
Iransfer rate: II./KB/Sec  Close this dialog box when download completes	
Open         Open Folder         Cance           Image: Smart Screen Filter checked this download and did not report any threats. Report an unsafe download.         Image: Smart Screen Filter checked this download and did not report any threats.	

25. Once you've downloaded and installed MDAC 2.8, try again:

[] The 'Microsoft.Jet.OLEDB.4.0' provider is not registered on the l	ocal machine Windows Internet Explorer	_
COO V //localhost/default.aspx	💌 🗟 🐓 🗙 🔽 Bing	
🖕 Favorites 🛛 🚔 🏉 Suggested Sites 🝷 🖉 Get More Add-ons 🝷		
C The 'Microsoft.Jet.OLEDB.4.0' provider is not register	🏠 🕶 🖾 👻 🖃 🖶 👻 Page 👻 Safety 🕶 To	ols +
Server Error in '/' Application.		

## The 'Microsoft.Jet.OLEDB.4.0' provider is not registered on the local machine.

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

Exception Details: System.InvalidOperationException: The 'Microsoft.Jet.OLEDB.4.0' provider is not registered on the local machine.

Source Error:		
Line 16:	if	(!IsPostBack)

Line 17: {
Line 18: IEnumerable ie = AccessDataSource1.Select(new DataSourceSelectArguments());

- 26. Hmmm...let's see....Ahhh...this is a 64 bit machine, MDAC is 32 bit.
- 27. Back to the Server Manager to change the Advanced settings on the default application pool:



28. We need to set 'Enable 32-bit Applications' to true:

General)		
NET Framework Version	v2.0	
Enable 32-Bit Applications	True	
Managed Pipeline Mode	Integrated	
Name	DefaultAppPool	
Queue Length	1000	
Start Automatically	True	
CPU		

29. Now...let's try this one more time: <u>http://localhost/Default.aspx</u> and

🖉 FileSure Web Console - Windows In	iternet Explorer			
C C v Attp://localhost/default.	aspx		💌 🗟 🐓 🗙 📴 Bing	<b>P</b> -
🔆 Favorites 🛛 🚔 🏈 Suggested Sites 🖓	🕶 🙋 Get More Ad	d-ons •		
EileSure Web Console			🚹 🔹 🗔 👻 🖃 🛻 👻 Page 👻 Safety 👻 Tools 👻 (	<b>?</b> -
		FileSure from	n ByStorm Software	
		9/27/201	10 10:08:17 PM	
		1	through	
		9/28/20	10 1:14:28 AM	
ByStorm Software		Total	records: 66	
Drag a column header here to group by that column				
Time	User	Operation	Filename	
>				
9/27/2010 10:08:17 PM WIN-38FU	JN3RNRJN\allengb	Opened for Read/Write	C:\Windows\logs\ServerManager.log	
9/27/2010 10:08:17 PM WIN-38FU	JN3RNRJN\allengb	Write	C:\Windows\logs\ServerManager.log	
9/27/2010 10:10:04 PM WIN-38FU	JN3RNRJN\allengb	Opened for Delete	C:\\$Recycle.Bin\S-1-5-21-3088050760-3504149413-2904064366-1000\\$RJSLPR4.txt	C
9/27/2010 10:10:04 PM WIN-38FL	JN3RNRJN\allengb	Rename	C:\\$Recycle.Bin\S-1-5-21-3088050760-3504149413-2904064366-1000\\$RJSLPR4.txt	t
9/27/2010 10:10:04 PM WIN-38FU	JN3RNRJN\allengb	Opened for Read/Delete	C:\\$Recycle.Bin\S-1-5-21-3088050760-3504149413-2904064366-1000\\$IJSLPR4.txt	
9/27/2010 10:10:04 PM WIN-38FL	JN3RNRJN\allengb	Read	C:\\$Recycle.Bin\S-1-5-21-3088050760-3504149413-2904064366-1000\\$IJSLPR4.txt	╸┛
Done			State of the second sec	• //

- 30. Woohoo!
- 31. Here is how you filter; the top row is called the 'Filter' row and that is where you refine your search. If you click on one of the buttons you will be prompted to select what sort of filter you want to apply.



				_
Time	User	Operation		
1				
9/27/2010 10:08:17 PM	WIN-38FUN3RNRJN\allengb	Opened for Read/Write	= Equals → ≠ Not Equals	naç
9/27/2010 10:08:17 PM	WIN-38FUN3RNRJN\allengb	Write	* Like	na <u>c</u>
9/27/2010 10:10:04 PM	WIN-38FUN3RNRJN\allengb	Opened for Delete	I Not Like	08
9/27/2010 10:10:04 PM	WIN-38FUN3RNRJN\allengb	Rename	< Less Than < Less Than Or Equals	08
9/27/2010 10:10:04 PM	WIN-38FUN3RNRJN\allengb	Opened for Read/Delete	> Greater Than	08
9/27/2010 10:10:04 PM	WIN-38FUN3RNRJN\allengb	Read	≥ Greater Than Or Equals	08
9/27/2010 10:10:07 PM	WIN-38FUN3RNRJN\allengb	Opened for Read/Delete	Does Not Start With	-3(
9/27/2010 10:10:07 PM	WIN-38FUN3RNRJN\allengb	Read	Ends With	-3(
9/27/2010 10:10:15 PM	WIN-38FUN3RNRJN\allengb	Opened for Delete	Does Not End With	lev
9/27/2010 10:10:15 PM	WIN-38FUN3RNRJN\allengb	Rename	Does Not Contain	lev
9/27/2010 10:11:16 PM	WIN-38FUN3RNRJN\allengb	Opened for Read/Delete	C:\\$RECTCLE.DIN\3-1-3-21	-3(
			I	

### 32. If you double click in one of the cells on the filter row, you will be allowed to enter a filter.

	•				
Í	Drag a column header h	nere to group by that column		1;	2
	Time	User	Operation	Filename	
	>				ļ
Г	9/2//2010 10:08:17 PM	WIN-38FUN3RNRJN\allengb	Opened for Read/Write	C:\windows\logs\ServerManager.log	îΠ

#### 33. Here is a 'Contains filter' of 'log' being applied to the Filenames.

Drag a column header here to group by that column

Time	User	Operation	Filename
>			
9/27/2010 10:08:17 PM	WIN-38FUN3RNRJN\allengb	Opened for Read/Write	C:\Windows\logs\ServerManager.log
9/27/2010 10:08:17 PM	WIN-38FUN3RNRJN\allengb	Write	C:\Windows\logs\ServerManager.log
9/27/2010 10:12:18 PM	WIN-38FUN3RNRJN\allengb	Opened for Read/Write	C:\Windows\logs\ServerManager.log
9/27/2010 10:12:18 PM	WIN-38FUN3RNRJN\allengb	Write	C:\Windows\logs\ServerManager.log
9/27/2010 10:12:18 PM	WIN-38FUN3RNRJN\allengb	Read	C:\Windows\logs\ServerManager.log
9/27/2010 10:22:18 PM	WIN-38FUN3RNRJN\allengb	Opened for Read/Write	C:\Windows\logs\ServerManager.log
9/27/2010 10:22:18 PM	WIN-38FUN3RNRJN\allengb	Write	C:\Windows\logs\ServerManager.log
9/27/2010 10:24:18 PM	WIN-38FUN3RNRJN\allengb	Read	C:\Windows\logs\ServerManager.log
-			

Hopefully this document will help you have a quick and smooth installation, enjoy your new web console!