vFire

vFire Server Console Guide Version 1.5





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Version Details

This guide supports the version of the product listed, and supports all subsequent versions until the document is replaced by a new edition. The table below contains version details for the guide.

Version Number	Date	Details
1.0	12 June 2015	This document describes the processes involved in creating and configuring the server console for vFire Core 9.2.2.
1.1	17 July 2015	Minor update following comment and feedback
1.2	25 September 2015	This document was updated to reflect the release of 9.2.3 and contains minor changes and updates based on feedback
1.3	7 September 2016	This version reflects updates following the 9.6 release
1.4	25 January 2017	This version reflects updates following the 9.7 beta release, which includes the introduction of a Run Custom PowerShell Scripts option on the Server Console Properties window which you can use to configure your settings in order to run the Alemba API. See page 37 for more details.
1.5	9 August 2017	Updated to remove Oracle, which is not supported in vFire 9.9.0 onward.

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About this guide

This guide describes how to create and configure your server console, as well as carry out server console system tasks on the latest version of vFire Core 9.2.

This guide contains instruction for the latest version of the vFire Core software. For earlier versions of vFire Core please refer to earlier versions of the guide as outlined on page 4.

Intended Audience

This guide is written for system administrators responsible for installing vFire.

Standards and Conventions

The following standards and conventions are used throughout the guide:

	Prerequisites, including security rights and access you may need prior to completing the task. Prerequisites are also highlighted in a shaded box.
Ţ	Information related to the current topic that may be of particular interest/significance. Notes are also highlighted in a shaded box.
	Warnings. These are also highlighted in a shaded box.
Field name	Fields are highlighted in bold text.



Introduction

You can use the vFire Server Console application to create, rename, delete and configure your vFire Core systems from 9.2 onwards. You can also use the Server Console to perform a range of tasks, such as archiving calls, and importing/exporting workflow templates.

The following topics will take you through how to access the server console, and create and maintain your system.

- Accessing the Server Console
- Creating a new system
- Configuring your systems
- Server Console system tasks



Accessing the Server Console

From the **Start** menu, select the Server Console, selecting **Yes** if prompted to confirm. This displays your Console Root window, which is your vFire Core Server Console.

The Server Console window is divided into three panes.

- The left pane displays the folder structure within the Console Root folder. From the main Alemba vFire node you can create a new vFire Core system. Each system you add is listed below the main node.
- The middle pane displays the files or items within a selected folder.
- The right pane displays tasks and actions you can perform based on the current node or folder.





Creating a System

You can create a new vFire Core system using the **New System Wizard**. The wizard guides you through the steps for creating and configuring a new vFire Core system.

🖑 Before you start

Before you create a new system, you must have:

- The prerequisite hardware and software, as described in the **Prerequisites Guide** for your version of the software
- A license key, which will be provided by your Account Manager
- Set up your database
- Database Login ID and password, or Windows Authentication to the database, with appropriate permissions to make schema changes, as provided by your database administrator
- Configure the vFire Server and installed vFire Core, as described in the **Installation Guide** for your version of the software

Further documentation is available on the Alemba website.

Oracle databases are not supported for vFire 9.9 and above.

1. Access the Server Console, as described on page 7.



 In the left pane, under Console Root, expand the tree view out if necessary to see Alemba vFire. Select it and then select New System from the right hand pane. (Alternatively, you can right click on Alemba vFire and select New System from the contextual menu.)

0	Console Root\Alemba vFire	×
Console Root	CONSOLE	Actions
		New System
	Setup and maintain your Alemba vFire Server	View New Window from Here
		Refresh
		2 Help

3. The **General** window in the New System Wizard is displayed in which you can specify the General System Properties.

If you are configuring an existing system, select the system in the server console window and under **System Setup**, select **Properties**. Ensure that the **General** tab is uppermost.



\$ <mark>\$</mark> \$	New System Wizard
System Name System Path Default Portal	test C:\Program Files\Alemba\wFire\test\ ■
	< Previous Next > N Finish Cancel

System Name Type a name for the system. You can choose any name you like. Each system name must begin with a letter, not a number. By default, the system name is System1.



System Path Choose a name for the folder (under the Alemba vFire folder) where the system and its subfolders are to be stored. By default, the system directory name is the same as the system name, though you can edit it. The system directory name must be all ASCII characters.

You can specify a path that does not exist. You will be prompted to create it when you select **Next**.

Default SelfSelect to make this vFire system the default system used from thisService Portalserver.

4. Click Next.



5. If a folder with this name does not exist, the Server Console prompts you to confirm that you want to create this system.

	vFire Server Console	x
?	The directory C:\Program Files\Alemba\vFire\test\ does not exist. Would you like to create it?	
	Yes No	,

- 6. Select **Yes** to proceed, or **No** to cancel this operation. Selecting **Yes** will start the server console copying system files and templates required for creating the vFire Core system.
- 7. The **Database** window appears, in which you can specify the Database Properties.

If you are configuring an existing system, select the system in the server console window and under **System Setup**, select **Properties**. Then select the **Database** tab.



0	New System Wizard	x
SQL Server DB Deta	ls Test Con	inect
DB Server		^
DB Name		
DB Login ID		
DB Password		
DB NT Auth		
DB SSL		
Encrypt In Registry	✓	
Auto Upgrade Stats	Advanced	~
	< Previous Next > Finish Car	ncel

9. You can now configure the vFire Core database.

DB System	Select a database type (SQL Server or Oracle) from the drop-down list. This is the actual database engine type. Connection is done via ActiveX Data Objects (ADO.NET). The default is SQL Server.
DB Server	If you are configuring an SQL Server, type the name of the server on which the database exists.
	If you are configuring an Oracle Server, type the name of the Oracle connection string. The name you enter should be the TNS alias name that has been configured in the Oracle client software when connecting to the Oracle database.

DB Name Type the name of the database.



DB Login ID	If you are not using NT authentication, enter the DB Login ID provided by your database administrator. For SQL Server databases, the default DB Login ID is "sa".
	This is the login for the database, not for vFire Core. The account defined when creating this system should be a member of the System Administrator role.
	For Oracle databases, you will need to type the Login ID and Password for the vFire Core table space.
DB Password	If you are not using NT authentication, enter the DB Password provided by your database administrator.
DB NT Auth	This applies to SQL Server types only.
	Select to authenticate the database login against the user's network login. Admins logging into the database must use NT Authentication details (i.e. the network login and password).
	If you select DB NT Auth , the DB Login ID and DB Password fields are disabled because they are irrelevant. It is recommended that before you use this option, you review the implications with Alemba Support.
DB SSL	This applies to SQL Server types only.
	Select to enable SSL encrypted communication between the vFire Core and the database. For this option to work, SSL must be configured on the selected SQL Server.
	This is a complex process. We recommend that you discuss it with your Account Manager before enabling it.
Encrypt in Registry	Encrypts the database login ID, password and connection string when these are stored in the registry. This offers additional database security, and is selected by default.
	This option will encrypt the database password only, not the password for any vFire Core person record login IDs.



Auto Upgrade Stats

This applies to Oracle server types only.

Select to run the upgrade statistics processes when an upgrade, patch or custom SCP script is initiated.

The Oracle script DBMS_STATS is used to gather all table and index statistics. The default estimate percentage is 20%. This may be overridden through the Oracle Advanced Options.

If you wish to perform the statistic updates manually, clear this option.

If you deselect **Auto Upgrade Stats**, Alemba recommends the database statistics are kept up to date manually to ensure vFire Core performs optimally.

Auto Upgrade Stats can also be set through the registry key DBAUTOSTATS.

10. Select **Advanced** if you want to set additional advanced Oracle and SQL database settings. The options displayed will depend on whether your system is configured for Oracle or SQL.

Oracle	Oracle Adva	nced Options
Advanced Options	Oracle Index Tablespace DBMS_STATS Estimate Percentage	20
		OK Cancel

Oracle Index Tablespace	Specify a secondary or alternative Oracle table space for creating indexes
DBMS_STATS	Define the estimate percentage (the default is 20 percent) for the
Estimate	Oracle script DBMS_STATS to gather all table and index statistics

Estimate Percentage



SQL Server	SQL Server Advanced Options
Advanced Options	Set Concat NULL Yields NULL OFF on every connection Maximum Connection Pool Size O OK Cancel
Set Concat NULL Yields NULL OFF	This setting allows SQL statements to return data. It can be configured at the session-level or the database level. Because the default configuration at the database level is ON, this box should be checked to override the database-level configuration where SQL statements are to return data. It should only be unchecked if the database has been configured such that Concat NULL Yields is off (for example, to improve performance).
Maximum Connection Pool Size	The size of the client connection pool. The default number of connections is 100, and this is represented by the value '0'. Key in any other value manually.
	If the limit is exceeded, errors will occur and as such will be recorded in the event log.

Select **OK** to apply the advanced options or **Cancel** to close the advanced options without saving your changes.

11. Select **Test Connect** to test the connectivity of the server and the information entered.



12. If all checks are successful, "Connection Successful" is displayed in the text field below the **Test Connect** button. If not, a detailed error message will be displayed that will help you diagnose the problem with the connection.

The following message is displayed if you are using an existing database:

	System1 Properties							
General	Database	Licence	Website	Settings	Diagnostics	Virus Check	:	
SQL Se	rver DB Det	ails					Test Connec	t
DB Sen	ver				Attempting to o Server= er Id=sa;Passv	connect to Database: vord=	= .;Us	^
DB Log	in ID	sa			Connection Su	iccessful.		
DB Pas	sword	•••••	••••		VFIre Core data	abase schem	a at 5.5.0.0	
DB NT	Auth							
DB SSL								
Auto Up	in Registry ograde Stats		Advand	ced				~
				[OK	Cancel	Ap	ply

If you are using a blank database, you will also see the message "vFire Core database schema not defined".

Test Connec	t
Attempting to connect to Server=pm- demo-db;Database=TEST;User Id=sa;Password=*****	^
Connection Successful.	
vFire Core database schema not defined	

- 13. Click **Next** to continue.
- 14. The next window appears, in which you can specify the License Properties.

If you are configuring an existing system, select the system in the server console window and under **System Setup**, select **Properties**. Then select the **Licence** tab.

16. Enter the licence key in the Enter New Licence Key field.



С.	New System Wizard	
Enter New Licence Key		Load From File
		Сору
	HER ALL SHE HER THE SHE REAL PRODUCTS AND	Paste
		Decode
	^	
	=	
	< Previous Next > Fir	hish Cancel

17. The licence key is shown in an encrypted form. Select **Decode** to see the details.

0	New System Wizard	x
Enter New Licence Key		Load From File
	And a second sec	Сору
	and the second s	Paste
	The second	Decode
	ander der eine Balter an eine Berleitigen	~
8	vFire Core Licence Key	^
	General Organisation: Development Licence Type: Standard Expires: False Expiry Date: NONE Database: SQL Server Officers	=
	Concurrent Officers: 100 Named Officers: 1000	
	Functional Modules	~
	< Previous Next >	Finish Cancel

Licences control the number of analysts that can access the system. You can increase the number of analysts on your licence by contacting your Alemba Account Manager.

18. Select **Next** to continue.



19. The Unicode window appears if using a SQL server.

New System Wizard	x
Create as a Unicode Schema	
< Previous Next > Finish Cancel	

20. If you are using a multi-language database, you can specify this system as pointing to a Unicode database, and choose the default language for this particular system (it is possible to have multiple systems pointing to the one database, each with a different default language). Unicode databases can use a greatly extended character set and can display multiple languages on the same window. However, the databases need to be properly configured to take advantage of Unicode's features.

Alemba recommends you **do not** select the **Create as a Unicode Schema** without consulting Alemba Professional Services. If your database is to support Unicode,

it should be created from scratch. Existing databases that do not support Unicode can be upgraded to support Unicode, but this is a complex process that requires specialist consulting work.

If you are creating an **Oracle** database, the option **Create as a Unicode Scheme** option is selected by default and disabled in this screen. This is because vFire Core allows you to create only Unicode Oracle databases.

21. Select **Next** to continue.



22. The Server Console starts creating the vFire Core database using the settings you specified. This may take several minutes.

0	New System Wizard	x
In Progress		
Reading query files		
	<pre>< Previous Next > Finish Ca</pre>	incel

23. When it is complete, the **Website** window appears. Here you can specify the Website Properties.

If you are configuring an existing system, select the system in the server console window and under **System Setup**, select **Properties**. Then select the **Website** tab.

2,2	New System Wizard	X
Website	Default Web Site 🗸	
Virtual Directory	6	Create
MMA URL	http://TEST/Core.aspx	
Chat Virtual Directory	/TEST/Chat	
	< Previous Next > Finish	Cancel

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24. Here you can identify the virtual directory you want to use, and the default URL for MMA. You can choose an existing virtual directory, or create a new one. The fields are completed as follows:

Website	Default Web Site is selected. This is the website under which vFire Core will run.
Virtual Directory	The directory created in Internet Information Server (IIS), which points to the physical location of vFire Core files. At system creation this is blank and a new virtual directory must be created.

25. To create a virtual directory for this system, select **Create**.

If you do not do this, you can continue to create your system, but you will need to add a website before completing the configuration in order to avoid errors.

26. The New Virtual Directory popup window is displayed.

	New Virtu	al Directory	8	2
Please enter a nan	ne for this virtual	directory.		
test				
Use SSL				
SSL encrypts the of Server preventing	communication b malicious users f	etween the vFire rom intercepting	e Client and traffic.	
It is recommneded	that this setting	be enabled.		
		ОК	Can	cel

Type the name of the virtual directory you want to create, and select/deselect **Use SSL**. Then select **OK**.

When you create a new virtual directory, vFire Core will also create a new application pool in IIS.

Ensure that your virtual directory is configured correctly, as otherwise you will have difficulties with running and upgrading your system, and using Chat. This is particularly important if you have multiple systems.



- 27. The **Chat Virtual Directory** will default to being within the chosen virtual directory for the system, and you are advised to leave the default unless you specifically need to change it.
- 28. **MMA URL** displays the default URL for Mail Message Access (MMA) messages, in the form **http://machinename/Virtual Directory/Core.aspx**. The URL for MMA points to the current server by default. You may choose to change it to a different virtual directory, or to a different URL on another server, or to a load balancer.
 - If you choose to Use SSL, be sure to start the address with https when logging in.

If you are using a qualified domain name for the Self Service Portal, you should specify the qualified domain name in the MMA URL field. This way, all the pages on the Self Service Portal will use the qualified domain name, rather than the name of the server/virtual directory.

29. Select Next.

Ф.	New System	m Wizard		x
Language	ENGLISH	~		
	< Previous	Next >	Finish Can	cel

- 30. The default and currently only language available is English, so select Next.
- 31. The Server Console updates the database. Once all the files are copied and your system has been configured, the process is complete.

You can make changes to the system properties and configure it further following the instructions on Configuring the Server.

Server Console Guide





Configuring Your System

Once you have created your server console, you can configure and update the system properties.

1. From the left window pane, select the system you want to examine.

Image: Second Secon	** •		ServerConsole - [Co	insole Root\Alemb	a vFire\Training]	_ [x
 	File Action View	v Favorites Window	Help				- 8 ×
Console Root A demba vFire A demba vFire C O N SOLE General System Name Training System Name System Path C.\Program Files\Alemba\vFire\Training\ Default Sef Service Pottal Database Database Database Database Database Database Database Database Database DB System SQL Server DB NT Auth No DB Server \ \ Database DB System SQL Server DB NT Auth No DB Server \ \ Database DB System SQL Server DB NT Auth No DB Server \ \ Database DB System SQL Server DB NT Auth No DB Server \ \ Database DB System SQL Server DB NT Auth No DB Server \ \ Database DB System SQL Server DB NT Auth No DB Server \ \ Database DB System SQL Server DB NT Auth No DB Server \ \ Database DB System SQL Server DB NT Auth No DB Server \ \ Database DB System SQL Server DB NT Auth No DB Server \ \ Database DB System SQL Server \ \ Database DB System SQL Server \ \ Database DB System SQL Server \ \ Database DB Server \ \ Database DB System SQL Server \ \ Database DB Solema Version STAU \ Database DB Solema VersioN DB Solema VersioN DB Solem VER \ DATABB VER \ DATA	🗢 🄿 🙎 🖬 👔						
A A Hemba virie C O N S O L E Training General System Name Training System Name Training System Setup System Name Training Parse Query Files System Path C\Phogram Files \Alemba \wFire\Training\ Parse Query Files Default Self Service Portal Properties Database Database B System SQL Server DB System SQL Server DB NT Auth No DB Server \Alemba BSSL No Reporting Setup Pupdate Reports DB Name demo Encrypt In Registry No Parse Query Files Pupdate Reports DB Schema Version 9.7.0.0 View New New Window from Here New Window from Here Vitual Directory /Training/Chat Setings Rename Refresh Refresh Refresh Refresh Refresh Help V	Console Root					Actions	
General System Name Training System Name Training System Name C:\Ptogram Files \Alemba \wfire\Training\ Default Self Service Portal Properties Database Database DB System SQL Server D8 NT Auth No DB System SQL Server D8 NT Auth No DB Server \Lambda DB SSL No Porting Setup DB Server \Lambda DB SSL No Porting Setup Porting Setup DB Schema Version 9.7.0.0 Workflow Workflow Workflow New Window from Here Workflow Were New Window from Here What Directory /Training/Crea.aspx Refresh Properties Settings Setsings Setsings Properties	Alemba vFire	v⊢ire	CONSOLE			Training	^
General a System Name Training System Nath C.\Phogram Files \Alemba \v/ Fire\Training\ Properties Default Self Service Potal Properties Parate Query Files Database Properties Database Tasks DB System SQL Server DB NT Auth No DB System SQL Server DB NT Auth No DB Server \L DB SSL No DB Name demo Encrypt In Registry No DB Schema Version 9.7.0.0 Workflow Workflow Server Vicw New Window from Here Workflow Vicw /Taining/Chat Properties Properties Settings Settings Refresh Properties	,	Ganad				System Setup	
System Path C:\Program Files\Alemba\wFre\Training\ P Parse Query Files System Path C:\Program Files\Alemba\wFre\Training\ P Parse Query Files Default Sef Service Portal P Properties Parse Query Files Database P Properties Database Tasks DB System SQL Server DB NT Auth No DB Server \L DB SSL No DB Name demo Encrypt In Registry No DB Schema Version 9.7.0.0 View New Window from Here View New Window from Here View New Window from Here MMA URL http://PM-96-MARY/Training/Core aspx Refresh Properties Settings Settings Properties Properties		System Name	Training			Copy Files	
Jysein Fash C. drugtain free Verlau over Heritaling V Default Set Service Potal Properties Database Database DB System SQL Server DB System SQL Server DB System SQL Server DB Server \Lambda DB SSL DB Server \Lambda DB SSL DB Login ID sa DB Schema Version 9.7.0.0 Server View Vitual Directory /Training Ordt Vitual Directory /Training/Core aspx Och Vitual Directory /Training/Chat Settings Setsings Setsings Yeight Heip		System Path	C:\Pmgram Files\Alemb			Parse Query Files	
Default Set Service Portal Properties Database Database DB System SQL Server DB NT Auth No DB Server \ DB SSL No DB Name demo Encrypt In Registry No DB Schema Version 9.7.0.0 Yiew No Server Vitual Directory /Training Yiew No Server Vitual Directory /Training/Core.aspx Refresh Refresh Chat Vitual Directory /Training/Chat Properties Properties Settings Sestings 120 Yiew Yiep		System Fatri	C. (Frogram Files Went)	a whie (maining (Page 1 Run Custom PowerShell Scrip	ts
Database Database Sul Server DB NT Auth No DB System SQL Server DB NT Auth No Set System Language Set System Language Reporting Setup Set System Language No Set System Language No Set System Language No		Default Self Service Por	tal			Properties	
Database DB system SQL Server DB NT Auth No DB System SQL Server DB NT Auth No DB Server \Lambda No DB SSL No DB Name demo Encrypt In Registry No DB Schema Version 9.7.0.0 Yiew > Server Vitual Directory /Training Yiew > MAA URL http://PM-96-MARY/Training/Core.aspx Chat Vitual Directory /Training/Chat Image: Properties Settings Sestings Sestings Image: Properties Image: Properties						Database Tasks	
Database DB SQL Server DB NT Auth No Reporting Setup Reporting Setup Polata Reports Polata Ret						Page 1 Run Custom SQL Script	
DB System SOL Server DB NAme Reporting Setup DB Server .\ DB SSL No DB Name demo Encrypt In Registry No DB Login ID sa		Database				Set System Language	
DB Server A DB SSL No DB Name demo Encrypt In Registry No DB Login ID sa DB Schema Version 9.7.0.0 Server Virtual Directory /Training MAA URL http://PM-96-MARY/Training/Core.aspx Chat Virtual Directory /Training/Core.aspx Chat Virtual Directory /Training/Core.aspx Chat Virtual Directory /Training/Core.aspx Settings		DB System	SQL Server	DB NT Auth	No	Reporting Setup	
DB Name demo Encrypt In Registry No DB Login ID sa DB Schema Version 9.7.0.0 Server View Vitual Directory /Training MMA URL http://PM-96-MARY/Training/Core.aspx. Chat Virtual Directory /Training/Chat Settings Setsings Setsing New Out 120		DB Server	A	DB SSL	No	Update Reports	
DB Login ID sa DB Schema Version 9.7.0.0 Server New Window from Here Virtual Directory /Training MMA URL http://PM-96-MARY/Training/Core.aspx Chat Virtual Directory /Training/Chat Settings Properties Setsion Time Out 120		DB Name	demo	Encrypt In Registry	No	C Austrian	
DB Schema Version 9.7.0.0 Server New Window from Here Vitual Directory /Training MMA URL http://PM-96-MARY/Training/Core.aspx. Chat Vitual Directory /Training/Chat Settings Properties Setsion Time Out 120		DB Login ID	sa			Morlflow	
Server Vitual Directory /Training/Core.aspx Crate Arrow (Charles and Core.aspx) Crate Vitual Directory /Training/Core.aspx Crate Vitual Directory /Trainin		DB Schema Version	9.7.0.0			View	
Server New Yillow Hold Hale Virtual Directory /Training MMA URL http://PM-96-MARY/Training/Core.aspx Chat Virtual Directory /Training/Chat Settings Properties Session Time Out 120						New Window from Here	•
Virtual Directory //Training MMA URL http://PM-96-MARY/Training/Core.aspx Chat Virtual Directory /Training/Chat Settings Properties Settings 120		Server				✓ Delete	
MMA URL http://PM-96-MARY/Training/Core.aspx Image: Refresh Chat Virtual Directory /Training/Chat Image: Refresh Settings Image: Properties Image: Refresh Settings Image: Refresh Image: Refresh		Virtual Directory	/Training			- Delete	
Chat Virtual Directory /Training/Chat Settings Properties Session Time Out 120		MMA URL	http://PM-96-MARY/Tr	aining/Core.aspx		Refresh	
Settings Properties 22 Help V		Chat Virtual Directory	/Training/Chat			Propertier	
Session Time Out 120		Settings					
		Session Time Out	120			П неір	~



2. In the right window pane, under **System Setup**, select **Properties**. This displays the **Properties** window, with a selection of tabs relating to different system settings.

			Trai	ning Pro	perties		×
General	Database	Licence	Website	Settings	Diagnostics	Virus Check]
System System Default	Name Tra Path C: Self Service	aining Program Fi ∌ Portal [v	iles\Alemba	\vFire\Tra	ining		Browse
				[OK	Cancel	Apply

3. Select the appropriate tab to update the details, referring to the relevant section in this document:

General	To configure general system properties	page 9
Database	To update database properties	page 11
License	To view or update the license details	page 16
Website	To update website properties	page 19
Settings	To update your system settings	page 26
Diagnostics	To update the system diagnostics settings	page 30
Virus Check	To add a virus checking application	page 32



After changing the system properties, you must apply the settings by following these steps:

- 1. Select Apply and OK to close the system properties.
- 2. Exit the Server Console. A dialog box is displayed asking you if you want to save the vFire Core Server Console settings. Select **Yes** to save your settings and exit the Server Console.

On exiting the Server Console, the cache on the application server is automatically cleared and refreshed. This may cause some slight performance delays.

3. Restart the polling and IIS services.



Configuring System Settings

The **Settings** tab displays the session timeout and server date format for the system. To configure these settings, use the following procedure:

- 1. Access the **Properties** window, as described on page 23.
- 2. Select the **Settings** tab.

Training	Properties X			
General Database Licence Website Sett	ings Diagnostics Virus Check			
Session Time Out	120			
Self Service Portal Session Time Out	120			
Server Date Format	dd/MM/www.HH:mm			
Sample	16/01/2017 15:53			
Currency Symbol	£			
Self Service Portal Security Cookie				
Provide Fact Champion Set				
	Default Y			
Report Font Name	Default			
	OK Cancel Apply			

3. Complete the details.



Session Time Out

The server holds an idle session open with each client browser. There is an idle time limit placed on each session before the connection times out. By default this is set to 120 minutes. There is no maximum time limit.

The system timeout applies to both named and concurrent analysts who are logged into the system and idle. Named analysts are included in system timeouts so that lost sessions don't get held open, leaving calls in a locked state.

You can disable the session time out by setting the time to zero. However, we do not recommend that you do so as this can lead to calls being left open for an extended period of time and may lead to performance issues.

You can specify a particular session timeout for license corrals, if you have configured these. This is done within the System Administration settings in vFire Core.

You must restart the polling and IIS services for changes to session time out to take effect.

Self Service Portal Session Time Out Specify a different time out (in minutes) if you want to set a different session timeout value for the Self Service Portal.

You must restart the polling and IIS services for changes to the session time out to take effect.



Server Date Within the application, vFire Core uses the date format that is set Format on the analysts' client machine. However, there also needs to be a default date format set for each particular system for underlying processes within the application, such as the email polling service and report scheduler, which are not attached to a particular client. Setting the date format in the Server Console sets how these processes use dates.

The default date format is dd/MM/yyyy HH:mm, as shown in the **Sample**. You can format the date and time as follows:

dd	day
ММ	month
уууу	year
нн	hour
mm	minutes
tt	AM or PM

CurrencyType the symbol for the currency used by your vFire Core systemSymbol

Self ServiceSelect to enable a security check to prevent users from accessing
another user's browser session. If this option is selected and a user
attempts to access another session by copying the URL for that
session to another browser, the following error message is
displayed, "Invalid Security Cookie"

Reporting FontSelect a character set from the drop-down list to use as the default**Character Set**character set in vFire Core Reports.

Report FontSelect a font from the drop-down list to use as the default in vFireNameCore Reports.

After changing the system properties, you must apply the settings by following these steps:

1. Select Apply and OK to close the system properties.



2. Exit the Server Console. A dialog box is displayed asking you if you want to save the vFire Core Server Console settings. Select **Yes** to save your settings and exit the Server Console.

On exiting the Server Console, the cache on the application server is automatically cleared and refreshed. This may cause some slight performance delays.

3. Restart the polling and IIS services.



Configuring Diagnostics Settings

The **Diagnostics** tab displays the system diagnostic settings. To configure these settings, use the following procedure:

- 1. Access the **Properties** window, as described on page 23.
- 2. Select the **Diagnostics** tab.

			Trai	ning Pro	perties		x
General	Database	Licence	Website	Settings	Diagnostics	Virus Check	
🗌 Tra	ace To Debu	g					
	Trace A	plication					
	Trace Po	olling					
	Trace So	erver Admir	1				
🗌 Qu	ery Tracing			_			
	Extract & (Clear	Clear	Irace			
				[ОК	Cancel	Apply

3. Complete the details.

Trace to Debug Select to enable diagnostics for this system

Trace Select to trace all the actions performed by analysts in vFire Core.

ApplicationIf selected, application trace information for this system will be
sent to DBWin32 (or DBGView). If disabled, application trace
information will not be recorded for this system.



- **Trace Polling** Select to trace all the polling information for this system. If this option is selected, polling trace information for this system will be sent to DBWin32 (or DBGView). If it is disabled, polling trace information will not be recorded for this system.
- Trace ServerSelect to trace all the actions performed by a system administratorAdminon the vFire Core system through the Server Console
- Query Tracing Select to enable logging of every query run in the system. This includes details such as the analyst who ran the query, what query it was, how long it took to run, how many results returned and the SQL statement itself. This information is logged in a database table, referred to as the trace table.

Query Tracing also logs slow running queries as well as logging a warning to the Windows Events log and a row is added to the trace table.

4. Select **Extract & Clear** to extract all of the record queries into an XML file and place the file into the System/Diagnostics directory. Everything is then deleted from the trace table.

Extracting data from the table into XML format can be slow.

5. Select **Clear Trace** to delete everything from the trace table.

After changing the system properties, you must apply the settings by following these steps:

- 1. Select **Apply** and **OK** to close the system properties.
- 2. Exit the Server Console. A dialog box is displayed asking you if you want to save the vFire Core Server Console settings. Select **Yes** to save your settings and exit the Server Console.

On exiting the Server Console, the cache on the application server is automatically cleared and refreshed. This may cause some slight performance delays.

3. Restart the polling and IIS services.



Configuring Virus Check Properties

The **Virus Check** tab displays the virus checking properties for this system. vFire Core can interface with a third-party virus checking application in order to scan files uploaded to vFire Core.

If you have defined a virus checker in the Server Console, then whenever someone attempts to upload a file in vFire Core, the following steps occur.

- The file is copied into a temporary location.
- The virus checker application specified is run against the uploaded file.
- It is assumed that if it finds a virus, will remove any virus if it is capable of doing so, and will delete any file with an unknown or irremovable virus.
- If vFire Core finds the file in the temporary location, it will assume the file is clean.
- If vFire Core finds the file has been deleted from the temporary location, it will assume the file was infected.
- 1. Access the **Properties** window, as described on page 23.



2. Select the Virus Check tab.

			Traii	ning Pro	perties		x
General	Database	Licence	Website	Settings	Diagnostics	Virus Check	
🗹 Enat	bled						
Applicat	ion / Script	File	:\Program	Flles\Anti	virus\Endpoin	t Antivirus.exe	Browse
Commar	nd Line Argu	ments	-V				
							Test
Test							
				[ОК	Cancel	Apply

3. Complete the details.

Enabled	Select to turn on virus checking and thus subsequently enable the other fields on this tab
Application/Script File	Select Browse to locate a virus checking application. Use the Open File dialog box to locate an application file (such as an .EXE or .BAT file) to use as your virus checker.
Command Line Arguments	If you need to pass any parameters to the virus checking application, type them into this field. Check the documentation for your virus checker for more information on the required command line parameters. vFire Core will run the virus checker in the following way: [Virus checker path] [target file] [command line parameters]



4. Select **Test** to test the virus checking functionality. The vFire Core Server Console will attempt to create the virus checking directory and run the application you have specified.

After changing the system properties, you must apply the settings by following these steps:

- 1. Select **Apply** and **OK** to close the system properties.
- 2. Exit the Server Console. A dialog box is displayed asking you if you want to save the vFire Core Server Console settings. Select **Yes** to save your settings and exit the Server Console.

On exiting the Server Console, the cache on the application server is automatically cleared and refreshed. This may cause some slight performance delays.

3. Restart the polling and IIS services.



Server Console System Tasks

A range of tasks can be performed within the Server Console. These can be accessed from the **Actions** pane to the right of the server console window. Tasks are grouped by functional area (that is, System Setup, Database Tasks, Reporting Setup, and so on).

	2	ServerConsole - [C	onsole Root\Alemb	oa vFire\Training]	_ _ X
🛟 File Action View	v Favorites Window	Help			_ 8 ×
🗢 🄿 🙍 🖬 👔					
Console Root	General System Name System Path Default Self Service Port	CONSOLE Training C:\Program Files\Alem al		Actions Training System Setup Copy Files Parse Query Files Run Custom PowerShell Scripts Properties	
	Database DB System DB Server DB Name DB Login ID DB Schema Version	SQL Server .\ demo sa 9.7.0.0	DB NT Auth DB SSL Encrypt In Registry	No No No	Database Tasks Tun Custom SQL Script Set System Language Reporting Setup Update Reports Archiving Vorkflow
	Server Virtual Directory MMA URL Chat Virtual Directory Settings Session Time Out	/Training http://PM-96-MARY/7 /Training/Chat 120	Fraining/Core.aspx		View New Window from Here Concernent Processes View New Window from Here Properties Help View New Yindow from Here View New Yindow from Here New Yindow from Here New Yindow from Here New Yindow from Here New



System Setup Tasks



Copying Files

The Copy Files task enables you to create a system directory structure. It copies the files from the original directory to the new directory structure.

This task may overwrite customized files. You should only undertake this task following consultation with Alemba.

Parsing Query Files

The P

Parse Query Files

task parses a custom query file if you do the following:

- Create a custom query file
- Change config-queries.xml
- Change an existing custom query file

You must run this command to parse the updated query file. This process will create a parsed .SQP file in the queries folder for that vFire Core system (this is a binary file and cannot be read or edited in a text editor).

This task:

- Identifies the query files and the order in which they are used by the system;
- Fetches information about the database schema to enforce correct parameter lengths in the queries;
- Writes the queries into a format that is quick to read by the application.



You should parse the query files after any change to a query file, config-queries.xml, or the database schema.

Running Custom PowerShell Scripts

You can use this option to manually run the PowerShell scripts required to use the Alemba API. When you select the option, the script will be automatically selected and you simply need to run it.

Configuring System Properties

The **Properties** task displays the System Properties for your vFire Core system; where you can specify a new system name, path, or configure your database connection.

For more information on configuring the system properties, see **Configuring Your** System on page 23.



Database Tasks

Database Tasks				
9	Run Custom SQL Script			
9	Update Database Statistics			
9	Set System Language			

Upgrading the vFire Core Database

The **Patch Database** task updates a database from a previous version of vFire Core. The database schema and default data is brought up to date with the latest version of vFire Core. (This only appears if your database details need upgrading.)

Running a Custom SQL Script

The **Run Custom SQL Script** task allows you to run a specified custom upgrade script on a system.

Like the custom query files (which follow the naming convention QUERIES-*.SQL), it is possible to have a custom database upgrade script that can add new tables, indices, stored procedures, triggers and rows to a database, as well as override and replace existing ones.

To run custom upgrade scripts, follow these steps:

- 1. Define all custom procedures, triggers etc. by adding them to a file called CUSTOM_ UPDATE.SCP.
- 2. After saving your custom script file in the config directory, select **Run Custom SQL Script** from the **Actions** pane.
- 3. The **File Open** dialog box in the system's config directory is displayed, with a file selected called CUSTOM_UPDATE.SCP.

You can select any file with a .SCP extension, and as of 9.2.1 .XML extension, from any source, though it is recommended you use the default file. The Server Console will then run the script much like it runs the Update script.

This file is not removed when the system is upgraded.



Updating the Database Statistics (Oracle only)

Select the Update Database Statistics task to upgrade the database statistics, which will optimize the performance of the database.

Reporting Setup Tasks

Updating Reports

The Update Reports task under Reporting Setup refreshes all reports with the base version of a report.

Update Reports
Importing Report

If a report has been altered, the changes will be overwritten with the base version of the report when this option is run. Any new reports created are not overwritten. For more information on creating reports, based on existing reports, see the **Report Designer Guide**.



Archiving

Archiving moves call detail and call history data out of the Call Logging and Call History tables to Archive tables, providing the advantages of increasing speed and improving performance by reducing the size of the Call Logging and Call History tables. When an Analyst is performing a call search, they can check the Archived option to search against calls in the archived table.

Other data linked to the archived calls, and the link data itself is deleted, freeing up space and reducing the size of the database.

When a call is archived, the following happens:

- All items within the CL_CALL_LOGGING database table which holds the Call Details are moved to the table ARCHIVE_CALL_LOGGING.
- All items within the CL_PROBLEM_HISTORY database table which holds the Call History are moved to the table ARCHIVE_PROBLEM_HISTORY.
- Any calls and knowledge entries linked to the archived call are unlinked.
- All other items linked to the archived call are deleted.
- Links to archived calls are removed from non-archived entities.

Before you start

It is recommended that you perform archiving outside of peak hours for database usage, as it is quite a resource-intensive task (especially for a large database). Furthermore, if Analysts are taking action on a call during the archive process, an error may be generated through the archiving process. If you do receive an error during the archiving process, you should perform the archive again.

Note that once calls have been archived, they cannot be moved back to the standard tables (unless this is done manually through SQL commands).

1. Select the Archiving option beneath the **Reporting Setup** group.



2. From the pop-up menu, select **Archive Calls...** The Archive Wizard window is displayed.

:():	Archive Wizard	×
Archive Calls Actioned Until	13/06/2016	
Include Experience Base C	Calls	
	< Previous Next >	Finish Cancel

3. Complete the details.

Archive Calls Actioned Until	Select an end date for closed calls that you want to archive. All closed calls prior to this date will be archived. The actual date used by the archiving process is Time Last Actioned .
Include Experience	Select to also archive calls that have been selected for the Experience Base.
Base Calls	This option is unselected by default, since it is assumed that administrators would want to keep Experience Base calls separate from the archiving process.

- 4. Select Next. The archiving process will start. This may take a few minutes.
- 5. After the archiving is complete, the **Archive Calls** window confirms the success or failure of the archive process. To view the log file of the results, select **View Log File**.
- 6. Select Finish to close the Archive Calls window.



If you receive an error during the archiving process, you should perform the archive again.



Workflow Tasks

You can export workflow templates within vFire Core out of a system and into another system. This is particularity useful for transferring workflow templates from a test system to a production system, or when best practice templates have been provided by Alemba.

When importing workflow templates, Alemba strongly recommends that the source and target vFire Core systems have the same configuration settings. This is especially

important when importing workflow templates that are partitioned. To ensure the templates are ported to the correct partition, the systems must have the same partition settings configured within System Administration in the main application.

There is more information about Service Workflow Template Portability in the **Workflow Template Portability Guide**.

View Tasks

You can change the display of information in the Server Console by selecting the relevant option (that is, Add/Remove Columns, Large Icons, Small Icons, List, Detail, or Customize) from the **View** menu on the **Actions** pane.

Other Tasks

Systems can also be deleted, renamed and refreshed by selecting the relevant option, (that is **Delete**, **Rename**, **Refresh**) on the **Actions** pane.



Further Information

Product Information and Online Support

For information about Alemba products, licensing and services, visit www.alemba.com.

For release notes and software updates, go to www.alemba.help.

Up-to-date product documentation, training materials and videos can be found at www.alemba.help/help.

🏷 You may need to register to access some of these details.

Technical Support

For technical support, please visit: **www.alemba.com** and select the **vfire support** link. You will need to log in to the alemba self service portal to contact the Alemba Service Desk.

Comments and Feedback

If you have any comments or feedback on this documentation, submit it to info@alembagroup.com.

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