



Apteco

Technical Guide

Helping you to get the most out of the
Apteco Marketing Suite™

FastStats Getting Started Guide
D030T1X004 – June 2021

FastStats Getting Started Guide

D030T1X004 - June 2021

Revision Tracking Sheet

This manual may be revised periodically to incorporate new or updated information.

Note:

Every effort has been made to keep the information up to date there may be changes to the install process in doubt contact your support department.

Listed below is the revision date of each page (if applicable):

Page Revision

All pages D030T1X004 - June 2021

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1 Introduction

This manual details the processes required to prepare for an installation and the steps involved.

Please ensure you have installed all the pre-requisite Microsoft software and components.

See Appendix A: Apteco Marketing Suite Pre-Requisites for more information

After attending the Installation and Administration training you will be provided with a certificate and login credentials, so you can access our website, forum, knowledge base software downloads and release notes.

CAUTION

This guide assumes you have experience installing similarly complex software systems, this manual is intended to be used as a walkthrough of the FastStats installation and is intended for use while attending an Installation and Administration training with one of our consultants.

Summary of Getting Started Guide

Typical Enterprise Overview

This Getting Started Guide describes the process of installing FastStats on a single server.

The recommended Enterprise infrastructure is shown below. We will install the FastStats Configurator on the FastStats Server/Application Server and this will allow us to configure all the FastStats components by using the three configuration buttons as shown below.

Getting Your System Ready

Please review the Prerequisites Guide and ensure you have installed **MS SQL Server**, **SSMS** (Sequel Server Management Studio), and Installed & Configured **IIS**.

Note:

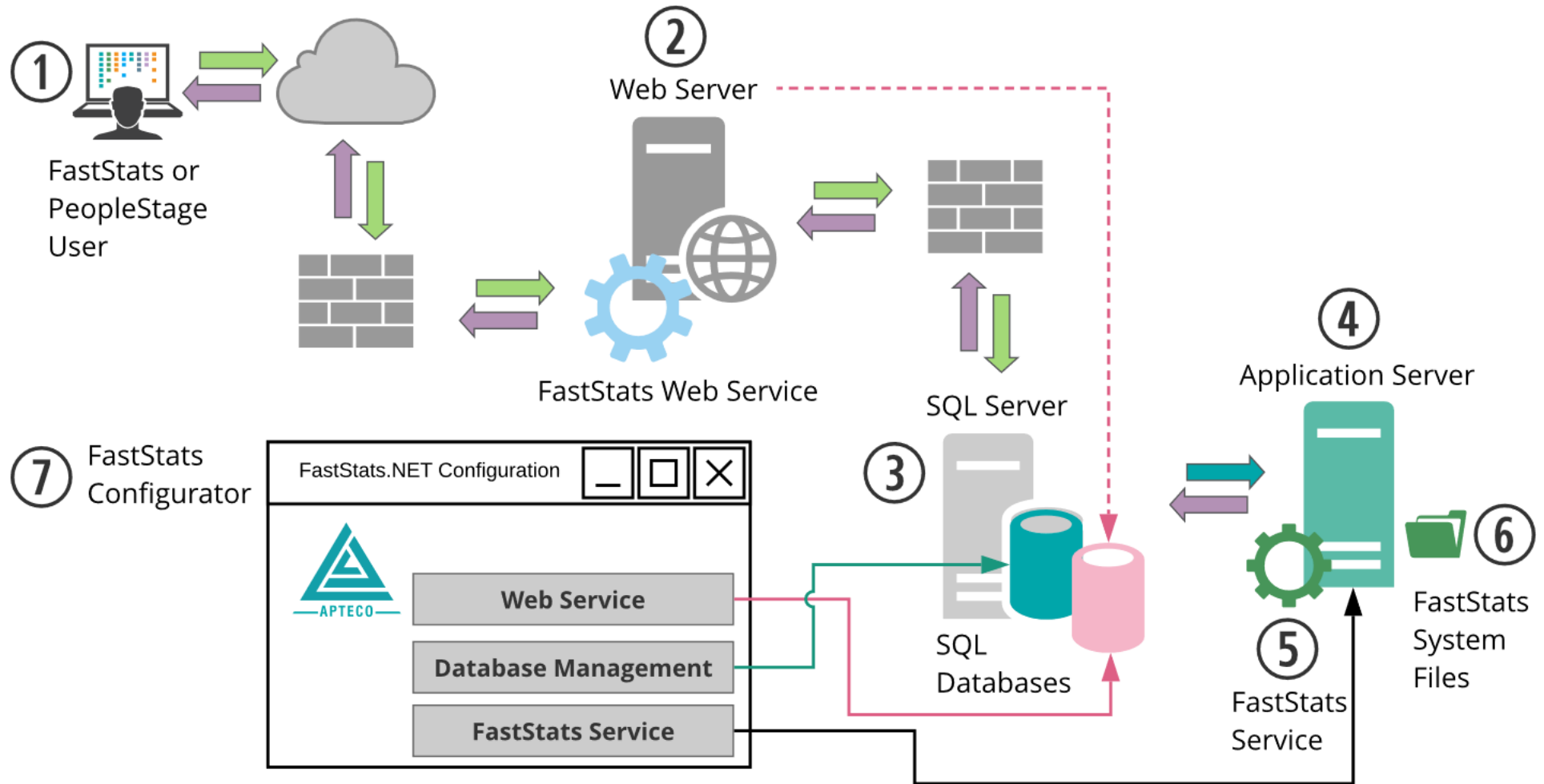
This guide is designed to be used on a Training and Consultancy day with an Apteco consultant, the install instructions are appropriate to using either a spare PC or virtual machine to practice setting up the AMS.

Please consult Apteco for the appropriate requirements for your main production system/s.

For information on security please refer to the following documents:

- Apteco Security Summary
- Apteco Security Supplement

Apteco Marketing Suite System Architecture



- ① **Client PC** – FastStats or PeopleStage.
- ② **Web Server** – FastStats Web Service installed into Windows Internet Information Server (IIS) for Authentication, Authorization and Auditing.
Connection string added to the FastStats Configuration Database (**FS_Config**) to allow the Web Service to retrieve the details of each system.
- ③ **SQL Server** (SQL Server or SQL Server Express)
FastStats Web Service Database (Green) *WS_SystemName*
FastStats Configuration Database (Red) *FS_Config*
- ④ **FastStats Application Server**
- ⑤ **FastStats Service** – A Windows Service configured with the Web Service, the location of the SQL Web Service Database, the Web Service URL and the Base Directory of the FastStats System
- ⑥ **FastStats System** – FastStats System/Database collection of files created by Designer
- ⑦ **FastStats Configurator** – Installed on the **FastStats Server / Application Server** and can configure all components.
This can be installed on any machine that can access the SQL server which would allow you to configure web service Settings including Binaries and Launcher Client Configurations and any Database Management actions. You won't be able to configure any service details unless this is on the machine that holds the FastStats Service.
The **Database Management** button allows the creation of the **FastStats SQL Databases**

2 Installation Introduction

Essential to a successful FastStats installation is a clear understanding of the scale, size, and intent of your application, as well as the roles the various computers play in that application. Review this guide in its entirety before beginning the installation.

2.1 Minimum Hardware Requirements

The processing speed and capacity of FastStats will depend on the power and capacity of your machine. FastStats' multi-dimensional cubes and large profile reports may not operate on machines with insufficient memory.

FastStats Application Server System Requirements

System	Minimum Specification
Processor	Core i5 or better
Memory	8GB or better
Disk Space	110MB required for installation of FastStats
Connectivity	10Mbps or better
Operating System	The recommended 64-bit version of FastStats requires a 64-bit version of Windows: • Windows Server 2019 Standard • Windows Server 2016 Standard • Windows Server 2012 R2 • Windows Server 2008 R2 SP1
	Windows 10 SP1 for test environments using a single server
Microsoft .NET Framework	v4.6.2 minimum, v4.7.2 recommended
SMTP Server	Access to SMTP Server for email to perform scheduled task exports

FastStats Build Server System Requirements

System	Minimum Specification
Processor	Core i5 or better
Memory	8GB or better
Disk Space	110MB required for installation of FastStats
Connectivity	10Mbps or better
Operating System	The recommended 64-bit version of FastStats requires a 64-bit version of Windows:

	- Windows Server 2019 Standard - Windows Server 2016 Standard - Windows Server 2012 R2 - Windows Server 2008 R2 SP1
	Windows 10 SP1 for test environments using a single server
Microsoft .NET Framework	v4.6.2 minimum, v4.7.2 recommended
SMTP Server	Access to SMTP Server for email to perform scheduled task exports

Web Server System Requirements

System	Minimum Specification
Processor	Core i5 or better
Memory	8GB or better
Disk Space	110MB required for installation of FastStats
Connectivity	10Mbps or better
Operating System	The recommended 64-bit version of FastStats requires a 64-bit version of Windows: - Windows Server 2019 Standard - Windows Server 2016 Standard - Windows Server 2012 R2 - Windows Server 2008 R2 SP1
	Windows 10 SP1 for test environments using a single server
Microsoft .NET Framework	v4.6.2 minimum, v4.7.2 recommended
SMTP Server	Access to SMTP Server for email functionality

Note:

FastStats client machines do not need significant bandwidth to connect and use the system, however file transfers may cause higher network use. PeopleStage client machines do need a high bandwidth connection.

SQL Server System Requirements

System	Minimum Specification
Processor	Core i5 or better
Memory	8GB or better

Disk Space	Microsoft's recommended hard drive size for Windows Server is 120 GB. In addition to the operating system and installed software, an additional xx GB plus xx GB for each ??
Connectivity	10Mbps or better
Operating System	The recommended 64-bit version of FastStats requires a 64-bit version of Windows
	Windows Server 2012 R2
SQL Server	SQL Server 2017* SQL Server 2016 with SP2* SQL Server 2014 with SP3 SQL Server 2012 with SP4 SQL Server 2008 with R2 (*supports SQL compression out of the box)
SSMS	SQL Server Management Studio

Client PC Requirements

System	Minimum Specification
Processor	Core i5 or better
Memory	8GB or better
Disk Space	110MB required for installation of FastStats
Connectivity	10Mbps or better
Operating System	The recommended 64-bit version of FastStats requires a 64-bit version of Windows: Windows 10 SP Windows Server 2012 R2 (requires 1 user CAL)
Microsoft .NET Framework	v4.6.2 minimum, v4.7 recommended

2.2

Pre-installation Considerations

Carefully planning FastStats installation process before you begin results in a smoother, more effective and efficient system overall.

Before you begin:

Table 1 – Useful to have Installation Notes

Name	Description
System name	Ensure that you have the 8-character System name of the FastStats System Database built with FastStats Designer before starting this process. E.g. Holidays
Holidays FastStats Database.zip	Obtain the FastStats System Database files Available from Software Downloads in the portal https://www.apteco.com/portal/software-releases
FastStats Database	Extract the files and save to install PC
SQL Server Instance Name	Have the SQL Server Instance name to hand (It is a combination of the server name followed by a unique name provided at the time of setting up SQL Server e.g. TDWIN10\SQLExpress), use the SQL Server Management Studio (SSMS) to check this, this manual refers to MySql/Server SQLExpress .
SQL credentials	The SQL Server Administrator username and password, (the FasStats Configurator uses the FastStats Service User credentials by default, this is OK for configuring FastStats, you should use your SA credentials when initially creating the databases)
Installation Files	Have the following up-to-date Installation files extracted from the zip files and available locally on the installation machine or accessible locally to a virtual machine.
FastStatsEnterprise.zip (Setup Manager, Launcher.msi files) WebService.zip (FastStats Configurator, FastStats Web Service) Documentation.zip	

Available from: https://www.apteco.com/portal/software-releases	
FastStats Licence	Obtain the Licence file to use with FastStats.
Email Settings	Your SMTP server details.

Tip:

Create a text file on your desktop, copy/paste the text bellow, save it as Install Notes.

QSG Notes:**SQL Server credentials**

Username = Password =

Database Connection String:

<MySQLServer\SQLExpress>;Initial Catalog=FS_Config;User
Id=faststats_service;Password=<password>;

FastStats defaults at first login:

Username = Administrator Password = password

Where <password> is the default FastStats service password

Note:

If you expect to use the FastStats Excelsior function, install Microsoft Excel® before you install Excelsior.

Client machines need to be able to access <http://telemetry.apteco.com> to get Telemetry coming back to Apteco to allow us to diagnose and resolve issues for you much more quickly. This information does not contain any personally identify data.

2.2.1 User Permissions

User ID permissions are a foremost consideration.

Ensure that the person performing the installation of the SQL Server, Web Service and FastStats Application Server employs a user ID that has the appropriate permissions, such as:

A local user ID that is a member of the Local Administrators group OR

A domain user ID that has been added to the Local Administrators group OR

A mechanism to elevate their permissions locally.

3 Configurator and Databases

3.1 Installing the FastStats Configurator

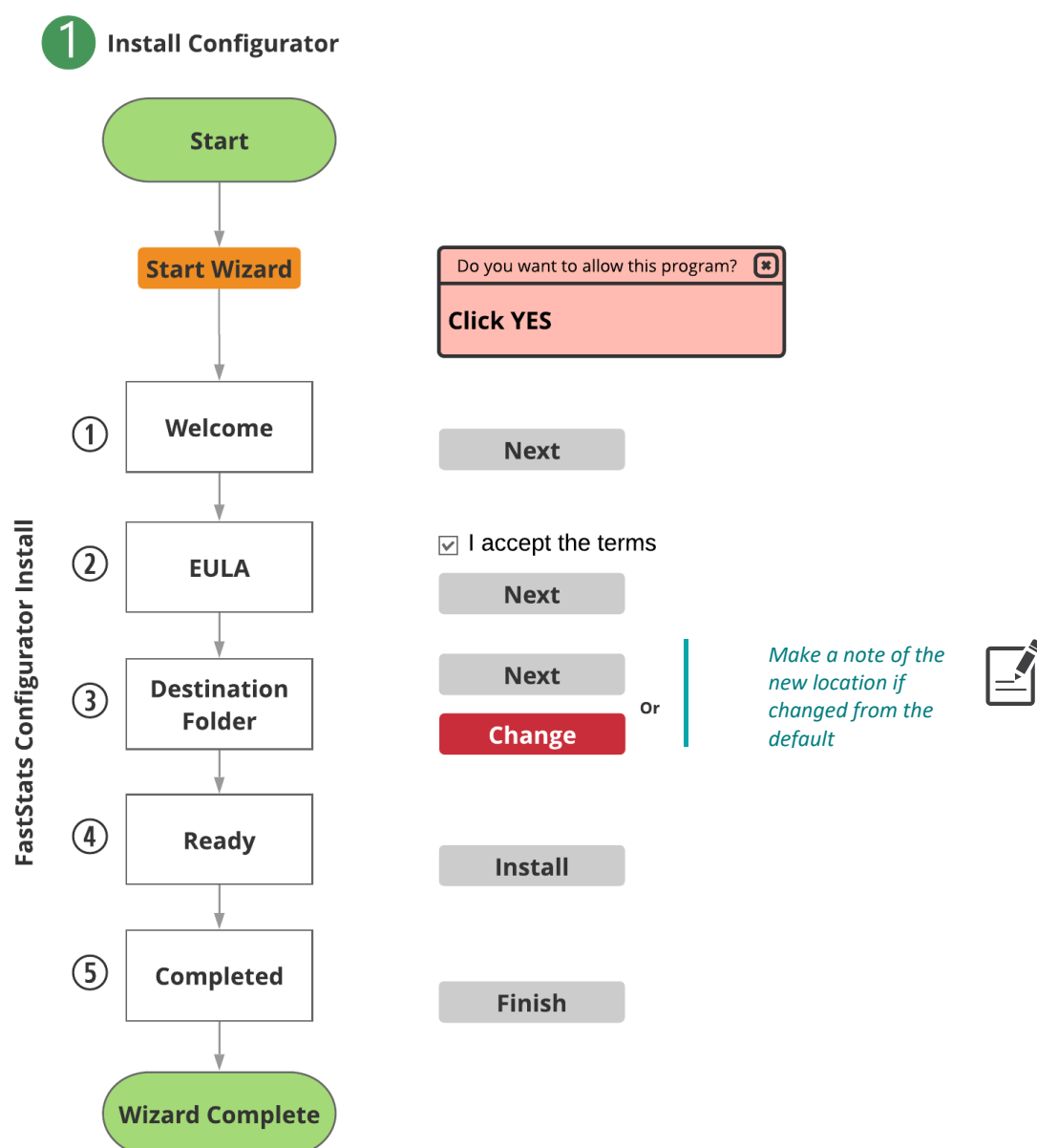
The FastStats Configurator is the main component used for configuring all aspects of the FastStats infrastructure.

To Install the FastStats Configurator

1. Log on to the FastStats Application Server
2. Browse to the **Webservice\Configuration Utility** folder
3. Run the.msi **FastStats Configuration Setup x64 Setup.msi**

Important:

If you have a 64-bit operating system you should not use the 32-bit installer.



3.2 Creating the Systems Databases

You need to create two databases using the FastStats Configurator

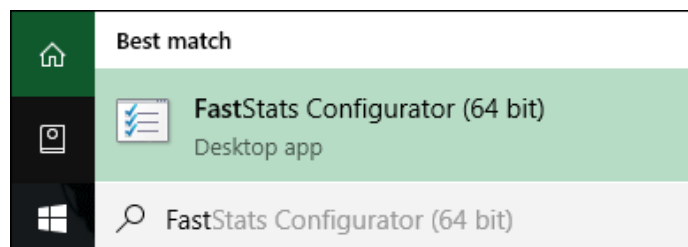
Note:

In a fresh installation you will require the Configuration Database **FS_Config** and the Control Database **WS_<SystemName>**. Please ensure you have created a SQL user with full admin rights to use with the Database Creation wizard

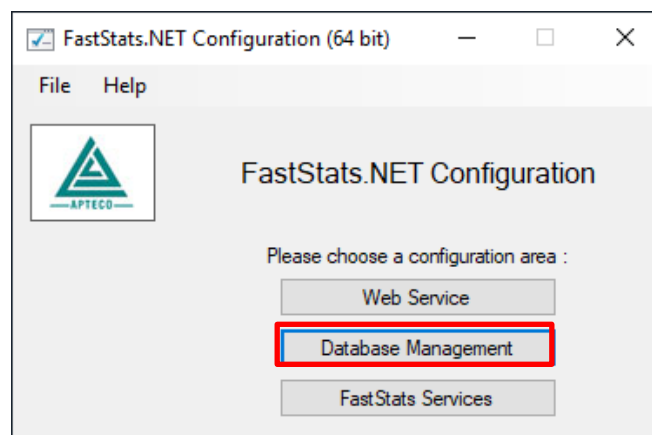
1. Open the **FastStats Configurator**.

Tip:

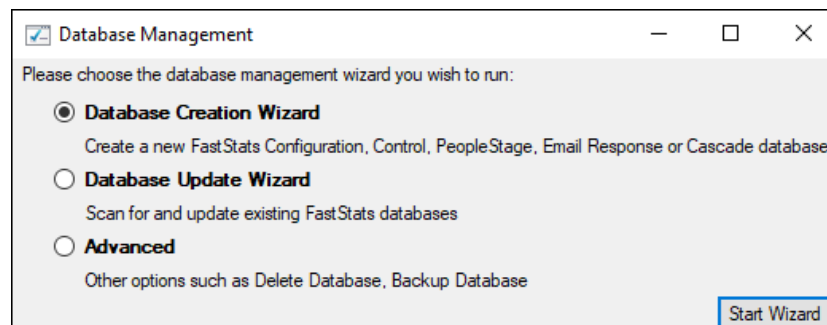
Search for **Fast** in the **Start Menu**



2. Select **Database Management**



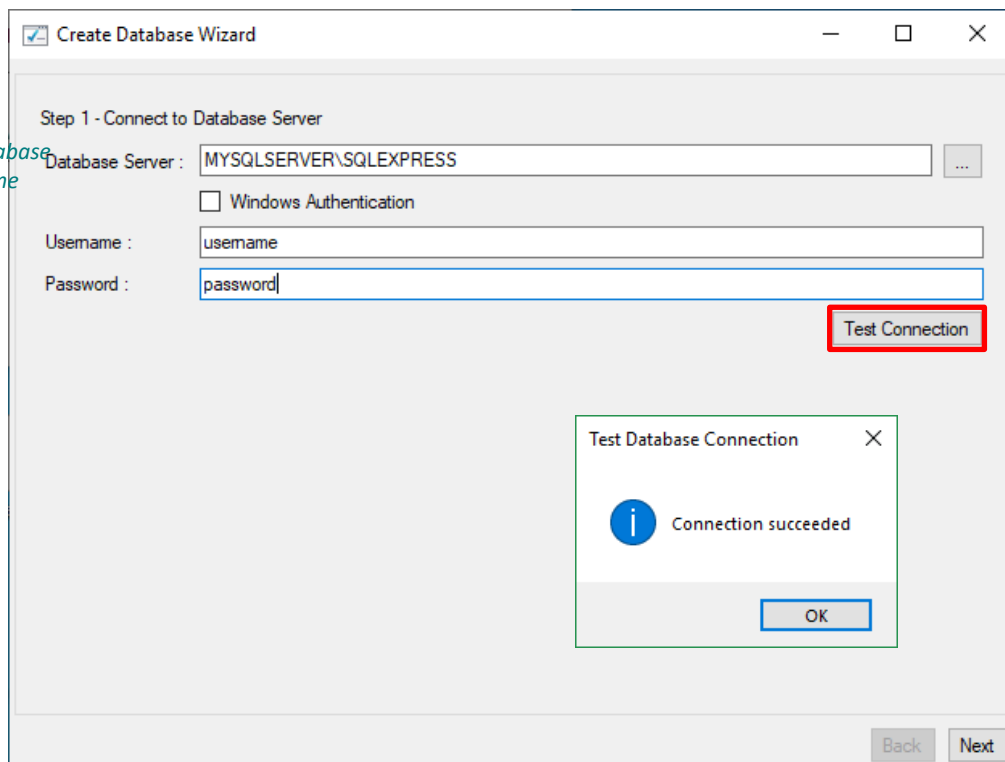
3. Select the **Database Creation Wizard** option and click **Start Wizard**



4. Enter the name of the **Database Server** where you wish to store the databases, click **Test Connection** and once successful click **Next**



Make a note of the Database Server SQL Instance name



Tip:

The Database Server name can be found by launching SSMS and finding the SQL Instance for your FastStats system, for example MYSQLSERVER\SQLEXPRESS.

If there is no SQL Instance enter the SQL Server name shown in SSMS

Note:

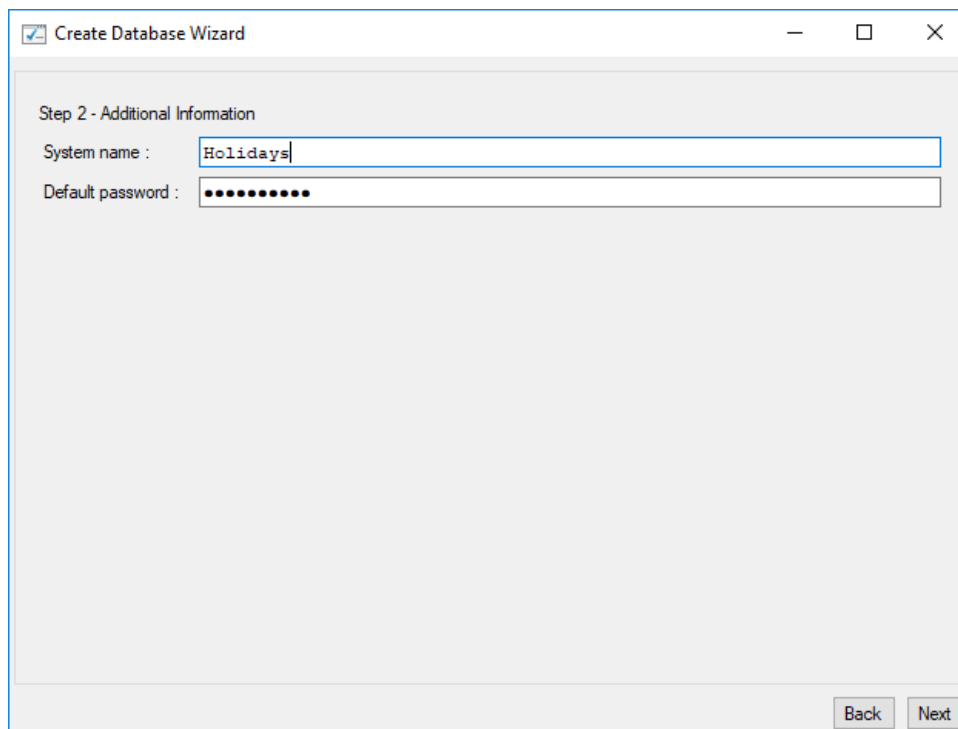
Deselect the **Windows Authentication** check box to enter a SQL **Username** and **Password** with permissions to run the **create database scripts**.

Important:

The Username and Password that you use here will be required each time you use Database Management. Do not use the faststats_service user, this will be created by the install process.

- Enter the eight-character maximum length **System name** that was used in **Designer** (for example Holidays) and your secure password

 Make a note of the System Name, use the Default Password



Step 2 - Additional Information

System name :

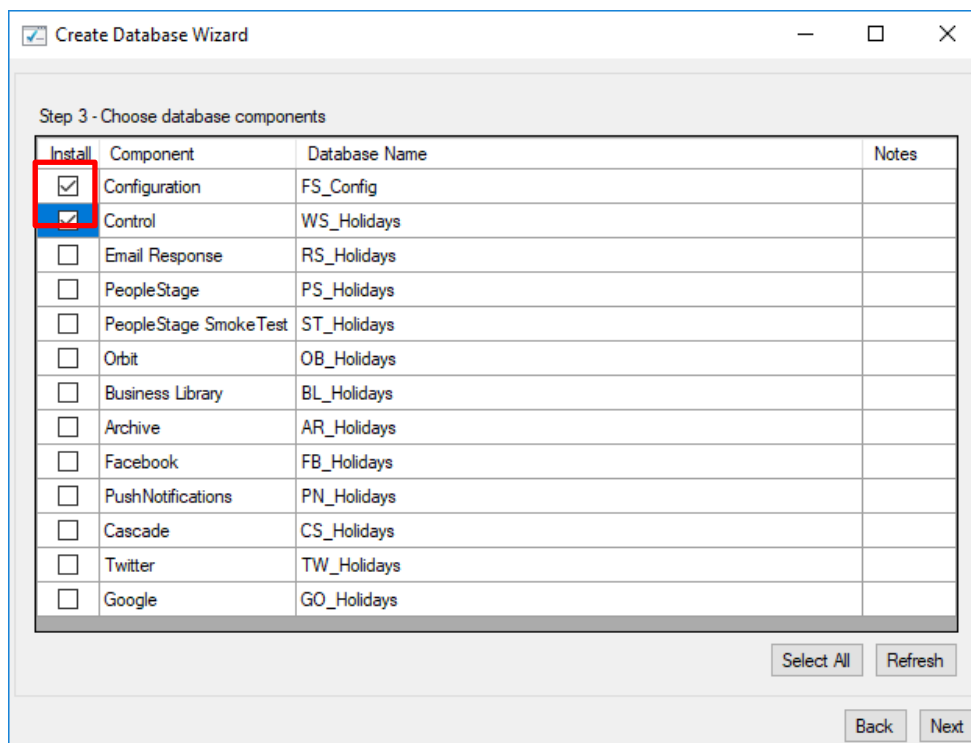
Default password :

Back Next

- Select the **Configuration** and **Control** check boxes, then click **Next**. The name for the non-configuration databases will be substituted with the system name you supplied in the previous section.

 There is one Control database per system which holds User and Job Requests and Results

 There is one FS_Cofig database per AMS Infrastructure



Step 3 - Choose database components

Install	Component	Database Name	Notes
☒	Configuration	FS_Config	
☒	Control	WS_Holidays	
☐	Email Response	RS_Holidays	
☐	PeopleStage	PS_Holidays	
☐	PeopleStage SmokeTest	ST_Holidays	
☐	Orbit	OB_Holidays	
☐	Business Library	BL_Holidays	
☐	Archive	AR_Holidays	
☐	Facebook	FB_Holidays	
☐	PushNotifications	PN_Holidays	
☐	Cascade	CS_Holidays	
☐	Twitter	TW_Holidays	
☐	Google	GO_Holidays	

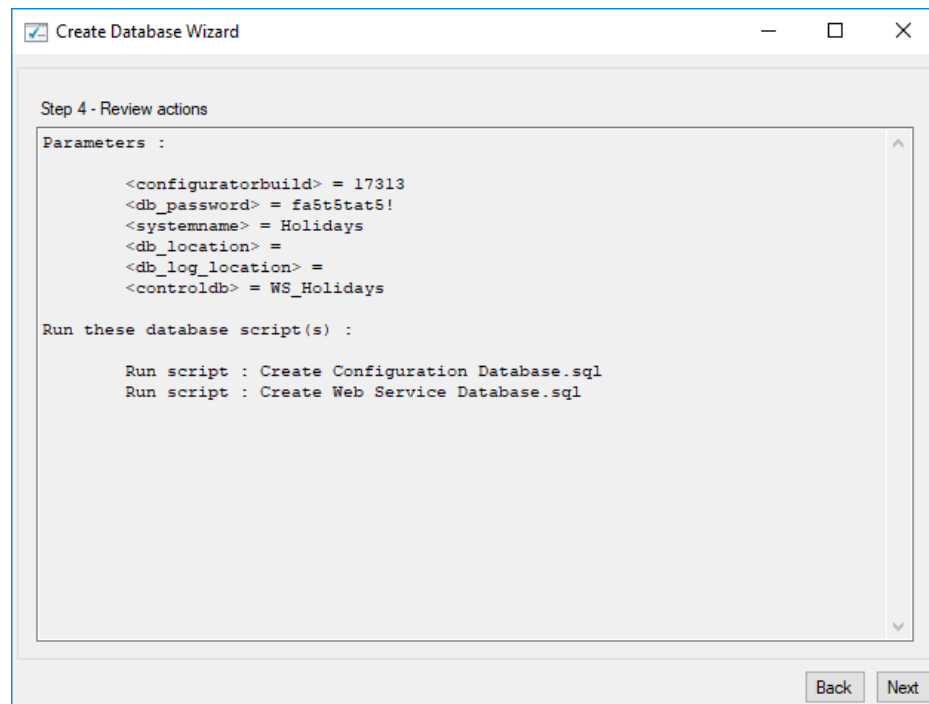
Select All Refresh

Back Next

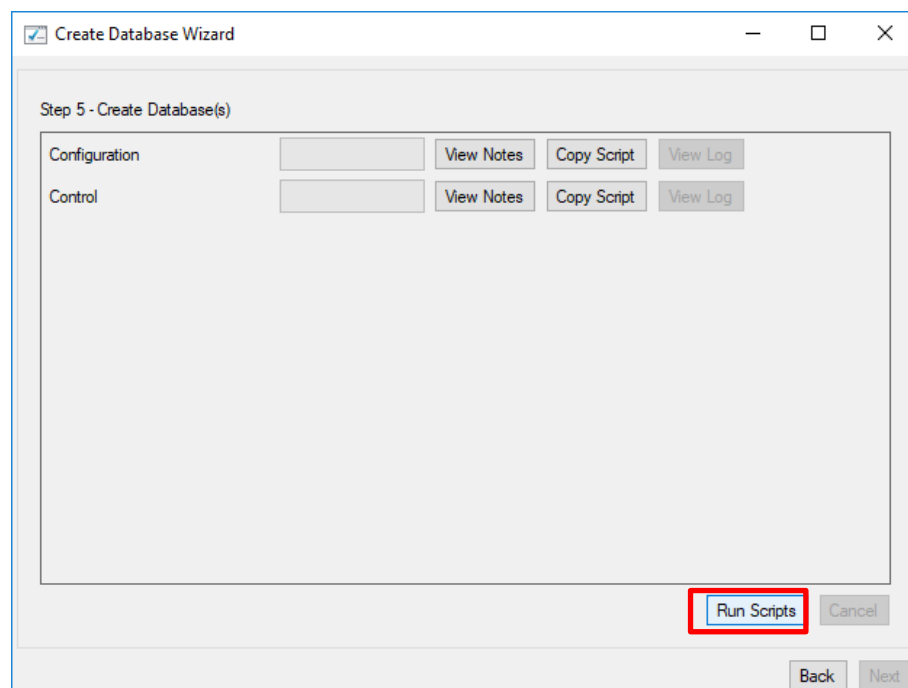
Note:

The FS_Config database is a Single database that is used to hold the FastStats Service, FastStats Webservice, Launcher Binaries, and Client Configuration (the look and feel of all the FastStats systems). There is only one per AMS infrastructure.

- Click **Next** on the Review actions step

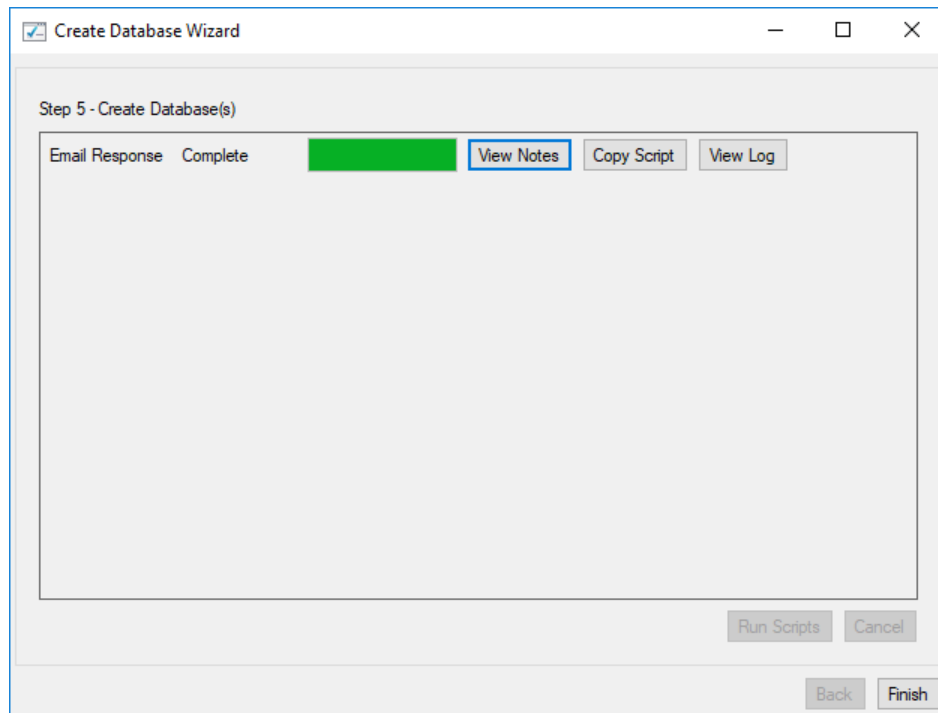


- Click **Run Scripts**



Note:

You can use the Copy Script button to save the script to run outside of the FastStats Configurator.

9. Click **Finish**

4 Installing the FastStats Web Service

4.1 Installing the FastStats Web Service

This section discusses the activities required to successfully install and configure the FastStats Web Service.

1. Run the **Setup.exe** Web Service Installer

Note:

From the **WebService\Web Server\Web Service Installer folder**.

This installation will create a Separate **FastStats App Pool**

within IIS – The FastStats Web Service will be installed into this.

3 Install FastStats Web Service

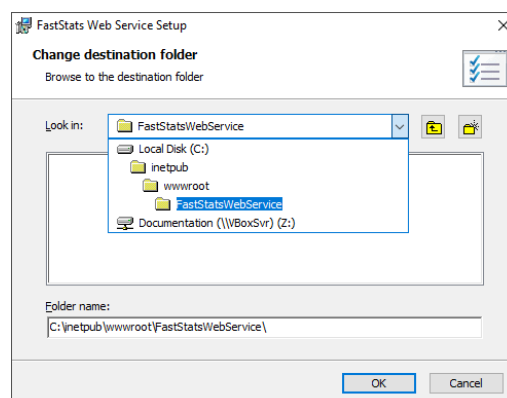


IIS Virtual Directory name

If Internet Information Services (IIS) is not being used for anything else, the default setting as shown will be used.

Check with your IT team if unsure.

Make a note if you change the destination folder



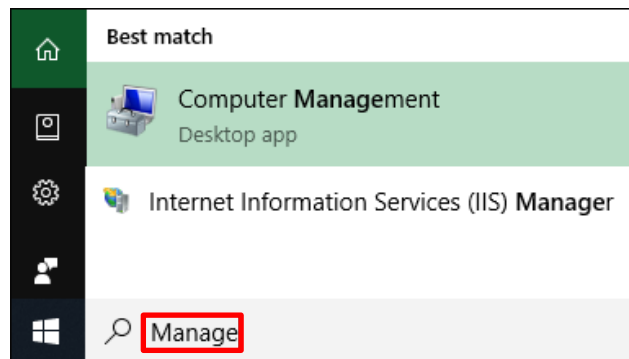
4.2 Configuring IIS

Additionally, you must configure IIS.

1. Open the Computer Management Console – **Run as Administrator**

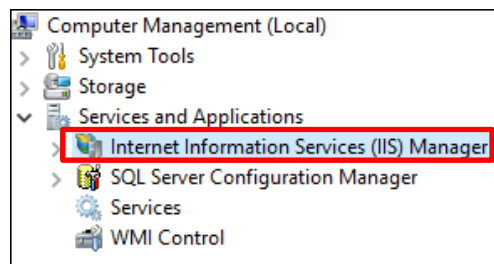
Tip:

Search for **Manage** in the Start Menu, right-click **Computer Management** select Run as Administrator

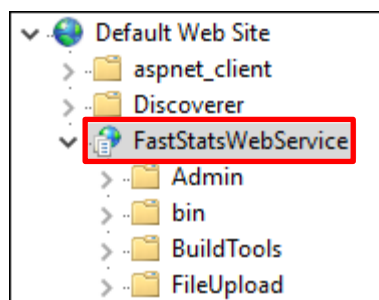


On a **Windows Server** select **Computer Management** from the **Tools** menu

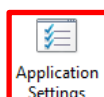
Internet Information Services (IIS) will be under the Services and Applications node



2. Navigate to the **FastStatsWebService** virtual directory



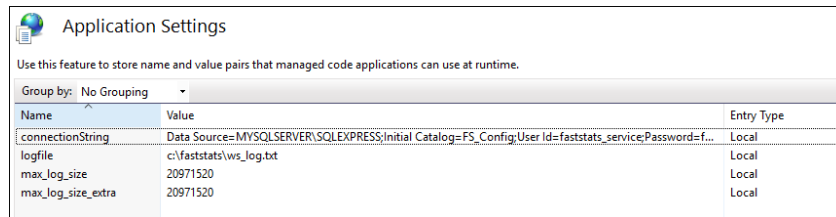
3. Double-click on **Application Settings** in the **ASP.NET** section on the right



Tip

If the ASP.NET section is not shown this will need to be added as a Windows Feature See the Quick Start Guide Pre-Requisites Quick Reference.

4. Edit the following Values



Name	Value	Entry Type
connectionString	Data Source=MYSQLSERVER\SQLEXPRESS;Initial Catalog=FS_Config;User Id=faststats_service;Password=f...	Local
logfile	c:\faststats\ws_log.txt	Local
max_log_size	20971520	Local
max_log_size_extra	20971520	Local

Table 2 – FastStats IIS Application Pool Settings



Open Notepad and keep your connection string to copy and paste

Name	Value
connectionString Where <password> is the default FastStats service password	Data Source=MYSQLSERVER\SQLEXPRESS;Initial Catalog=FS_Config;User Id=faststats_service;Password=<password>;
Change	localhost to the <machine name> \<instance name> e.g. MYSQLSERVER\SQLEXPRESS Note: The Instance name may not have been specified when SLS Server was installed
Ensure	Catalog=FS_Config
logfile	Legacy – the logs now go into the FS_Config database. The webservice will log here if the database is unreachable
max_log_size	Legacy – as above – 20971520 (in bytes, this value is 20 megabytes)
max_log_size_extra	Legacy – as above – 20971520

The **connectionString** entry is configured to allow the FastStatsWebservice to access the FastStats Configuration Database, **FS_Config**.

Once connected to the **FS_Config** database the Webservice can retrieve

- FastStats Web Service Configuration
- FastStats Service Configuration
- FastStats Client Configuration
- FastStats Application Binaries.

Note

This connection string only needs to be configured once. These settings won't be removed when the web service is updated. The Configuration Database only needs to be created once and holds information for all systems that are going to use this web service to serve the customers.

- Section complete



Important:

Backup the **FS_Config** database
regularly in a live environment

5 Adding a FastStats System (Web Service)

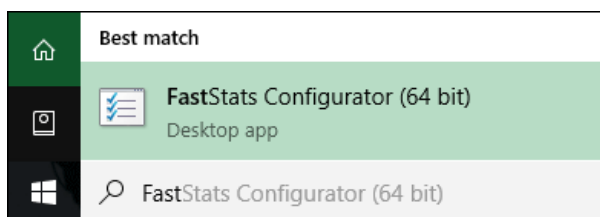
5.1 Setting Up the Web Service Connection

Log on to the FastStats Application Server

1. Open the **FastStats Configurator**

Tip:

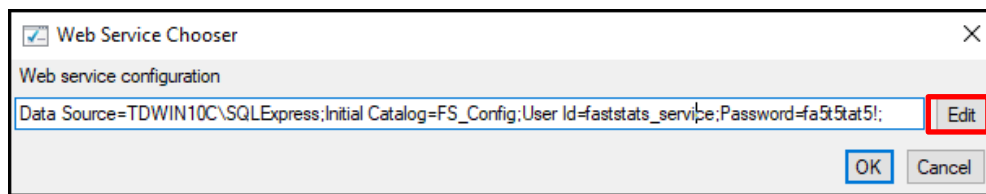
Search for Fast in the Start Menu



2. Select **Web Service** - The **Web Service Chooser** opens



Paste the Connection String that you saved in NotePad earlier into the cell



Note:

This should be the same connection string as configured in the previous section for the Web Service. This ensures you are configuring the same configuration database as referenced by your Web Service

If you click **Edit** use the following settings:

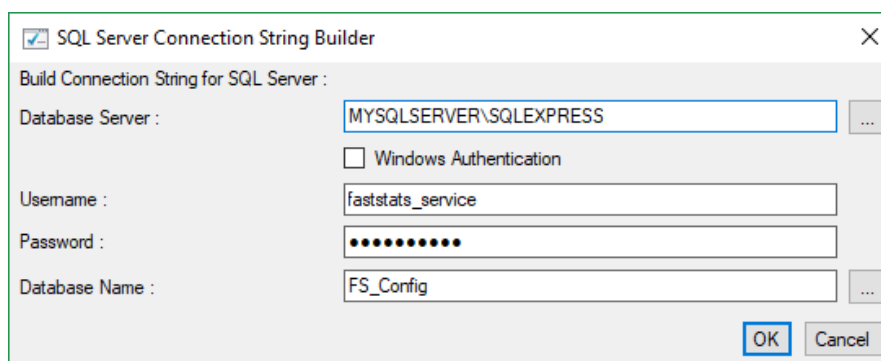


Table 3 – SQL Server Connection String Builder

Name	Value
Database Server	MYSQLSERVER\SQLEXPRESS
Username	faststats_service
Password	<password> Where <password> is the default FastStats service password
Database Name	FS_Config

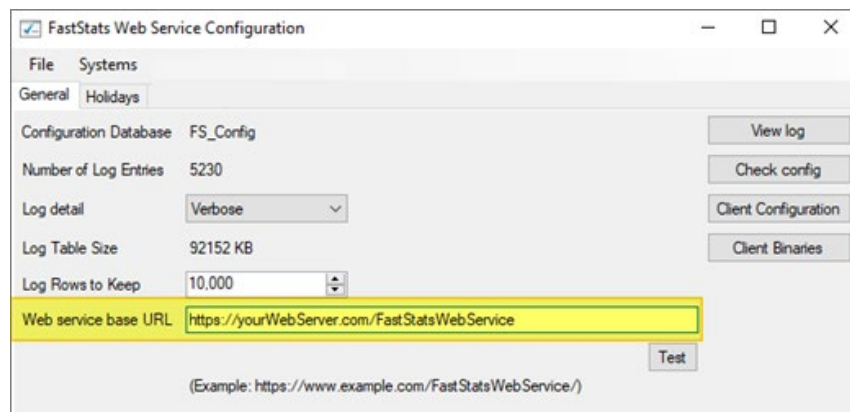
3. Click **OK** when finished

5.2 Adding a FastStats Web Service System

Note:

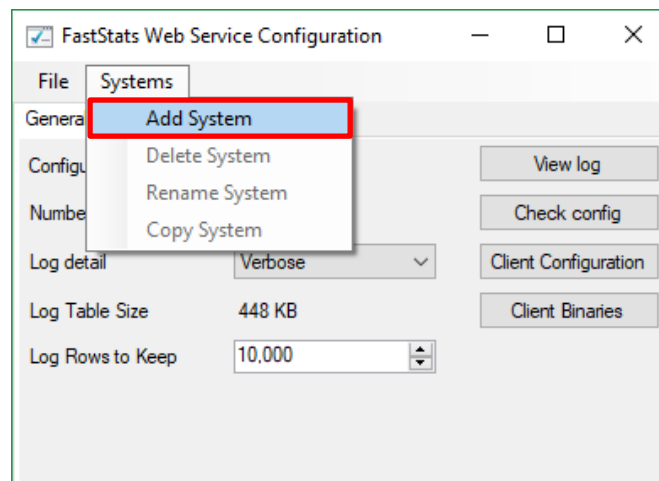
Changes added in Q2 2021, setting to allow the password functionality reset function.

The Q2 2021 release now requires the URL of the FastStats Web Service to be set, for the password reset function. This setting can be found in the **General** tab of your **FastStats Web Service configuration**:



You need to create a Web Service Configuration tab for your system

General tab



1. **Change** the Log Detail to Verbose (you can change this back to Warning after initial setup)
2. **From** the **Systems** menu select **Add System**

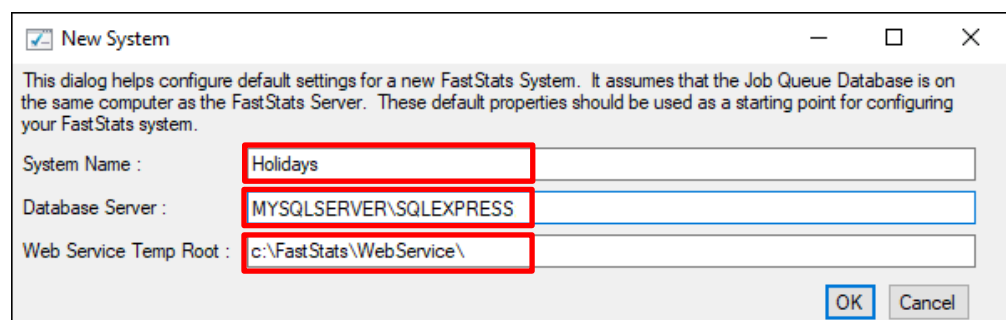


Table 4 – SQL Server Connection String Builder

Name	Value
System Name	Holidays (The 8-character System Name as created by Designer)
Database Server	MySQLServer\SQLEXPRESS This is the SQL Database where you created the Web Service (Control) database WS_Holidays (See Page 11)
Web Service Temp Root	C:\FastStats\WebService

Note:

The Web Service Temporary Root should be the location outside of the IIS usual default path of [c:\inetpub\wwwroot](#). This path should be available on the Web Server. As a default this will be [c:\FastStats\WebService](#) This is used to transfer files to and from client machines and remove them afterwards

3. Click **OK**

5.3 Configuring the Holidays Web Service System

1. Click on the **Holidays** tab to apply the following settings:

Database node

2. Configure the **Database Connection String** to your Web Service (Control) Database, it should look something like this

The screenshot shows the 'FastStats Web Service Configuration' window. The 'Systems' tab is selected, and the 'Holidays' sub-tab is active. In the left sidebar, the 'Database' node is highlighted. The main configuration area shows the 'Data Provider' set to 'SQL Server'. The 'Database Connection String (Global)' is configured with the following text: 'Data Source=MySQLServer\SQLExpress; Initial Catalog=WS_Holidays; User Id=faststats_service; Password=fa5t5tat5!;'. The 'Test Connection' button is highlighted. Below this, there are several other sections for 'Database Connection String' for different systems: (System), (Cascade), (PeopleStage), (Facebook), (Twitter), (Google), (Push Notifications), and (Schedule). Each section has a text input field and buttons for 'Ole DB Wizard', 'Test Connection', and 'Edit Connection String'. The 'Use Global Database Connection String' checkbox is checked for the 'System' and 'Schedule' sections. At the bottom, there is a checkbox for 'Remove non-loggable jobs from the job queue' and a 'Maximum Command Size' dropdown set to '10,000,000'.

3. Click **Test Connection**

Directories node

- Click **Create Directories** this will create the **Email Directory**

Other directories specified here are only relevant for resilient systems. These are the directories that are used via IIS to transfer data to and from the clients.



Download and Upload directories should only be specified for resilient systems

FastStats Web Service Configuration

File Systems

General Holidays

General
Database
Directories
Email
Security
Upload Conversions

Directories

Download Directory :

Upload Directory :

System Updates Directory :

Email Base Directory :

Reports File :

These directories only need to be specified for resilient systems

Find & Replace Check Directories Exist **Create Directories**

Email node

- Enter the required details for your **SMTP Server**. Add your **email address** in the (to) section and specify the email address you want automated emails to come from in the (from) section.
- Click the **Check Connection** button, which will send an email to the (to) configured address

FastStats Web Service Configuration

File Systems

General Holidays

General
Database
Directories
Email
Security
Upload Conversions

SMTP Server :

Administrator email address (to) :

Admin Email Address (from) :

SMTP Username (blank for default) :

SMTP Password :

SMTP Port :

☐ Use SSL

Check Connection

Email Log File :

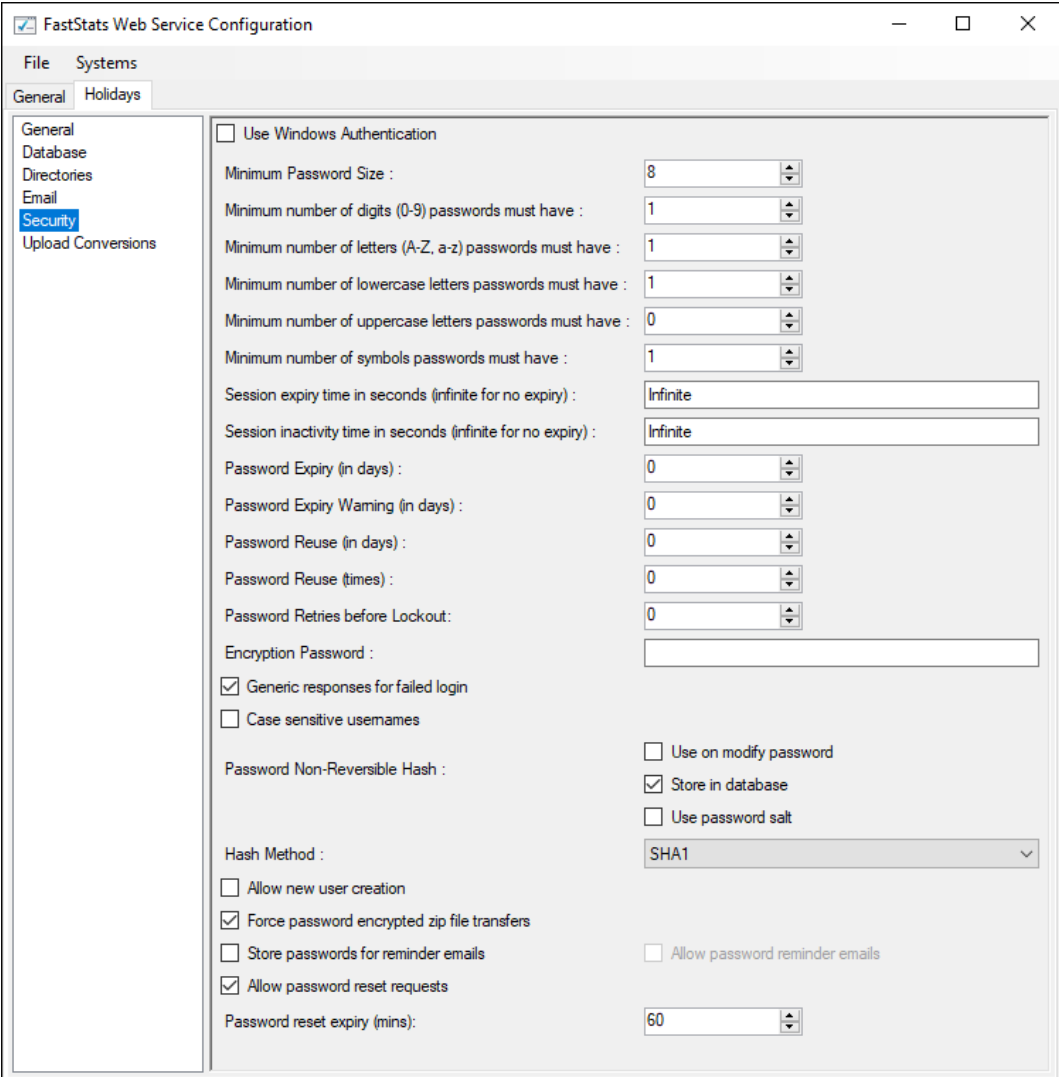
Installed Email Templates :

email_accountlocked
email_lostpassword
email_passwordResetRequest
email_welcome

Add default templates Open Folder

- Click **Add default templates** to add the automated emails that the Webservice can send.

Security node



FastStats Web Service Configuration

File Systems

General Holidays

General
Database
Directories
Email
Security
Upload Conversions

☐ Use Windows Authentication

Minimum Password Size : 8

Minimum number of digits (0-9) passwords must have : 1

Minimum number of letters (A-Z, a-z) passwords must have : 1

Minimum number of lowercase letters passwords must have : 1

Minimum number of uppercase letters passwords must have : 0

Minimum number of symbols passwords must have : 1

Session expiry time in seconds (infinite for no expiry) : Infinite

Session inactivity time in seconds (infinite for no expiry) : Infinite

Password Expiry (in days) : 0

Password Expiry Warning (in days) : 0

Password Reuse (in days) : 0

Password Reuse (times) : 0

Password Retries before Lockout : 0

Encryption Password :

☒ Generic responses for failed login

☐ Case sensitive usernames

Password Non-Reversible Hash :

☐ Use on modify password

☒ Store in database

☐ Use password salt

Hash Method : SHA1

☐ Allow new user creation

☒ Force password encrypted zip file transfers

☐ Store passwords for reminder emails

☒ Allow password reset requests

☐ Allow password reminder emails

Password reset expiry (mins): 60



*Please make a
note of the
Hash Method
used*

8. Configure your required password rules and level of hash encryption.
9. Select **File > Save**
10. Select **File > Close**

Note:

If the hash method is changed at a later date from SHA1 the default administrator password must be changed as this will be setup to use SHA1.

- From: FastStats Configurator > Database Management > Advanced
 - Set the Database server name and instance if required, then click Connect
 - Choose script to run: Select the Reset Administrator Password (HASHTYPE)
 - Database Name: Select FS_Config
 - Click Run Script
-
- *Section complete*

Note:

The configuration of the Web Service for the system has now created Key and Value pairs in the **WebServiceConfigurations** table within the **FS_Config** SQL database.

These have been associated with a **SystemName** column which has been populated with the name entered above, in this case **Holidays**.

Figure 1. SQL Server - Tables in the FS_Config Database

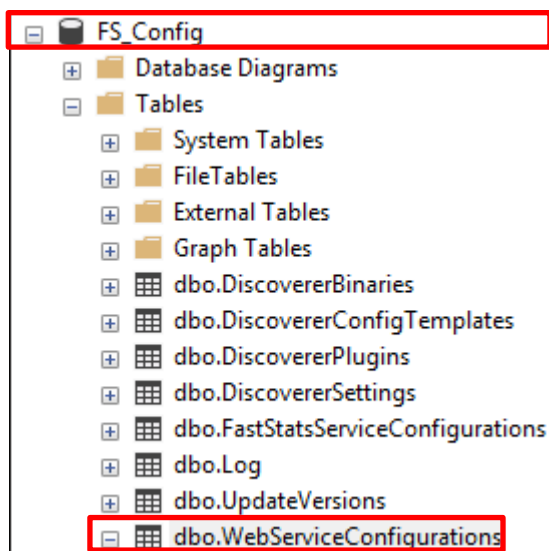
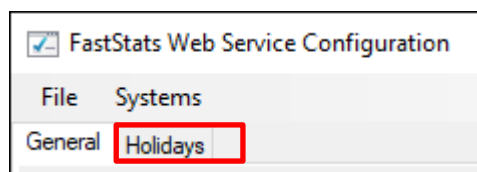


Figure 2. SQL Server – System Name Columns

Holidays	db_connection_users	Data Source=MYSQLSERVER\SQLExpress;Initial Catalog=WS_Holidays;User Id
Holidays	db_connection_system	Data Source=MYSQLSERVER\SQLExpress;Initial Catalog=WS_Holidays;User Id
Holidays	db_connection_cascade	
Holidays	db_connection_clm	
Holidays	db_connection_facebook	
Holidays	db_connection_twitter	
Holidays	db_connection_google	
Holidays	db_connection_pushnotifica...	
Holidays	db_connection_schedule	Data Source=MYSQLSERVER\SQLExpress;Initial Catalog=WS_Holidays;User Id
Holidays	db_type	sqlserver
Holidays	remove_nonloggable_jobs	No
Holidays	max_command_size	10000000
Holidays	smtp_server	exchangename.domain.com

When the FastStats Configurator **Web Service** button is pressed this detail is retrieved and is presented as a Holidays tab in the interface.

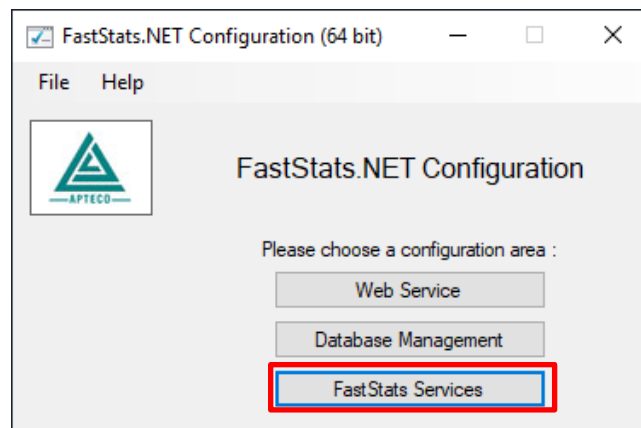


6 Adding a FastStats System (FastStats Service)

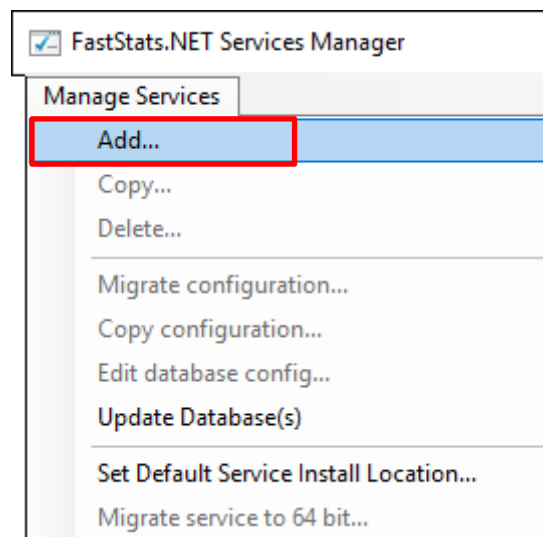
6.1 Adding the FastStats Service

Log on to the FastStats Application Server

1. Open the **FastStats Configurator** and click **FastStats Services**

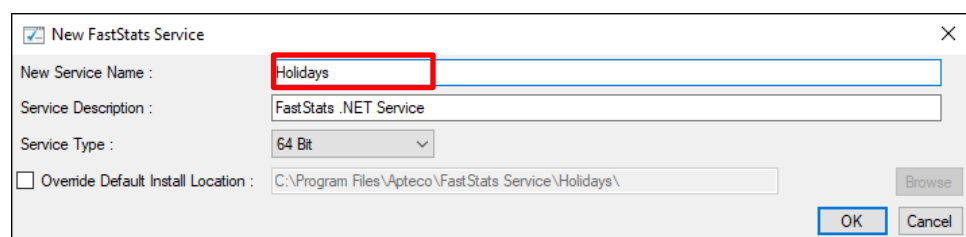


2. Click **Add** from the **Manage Services** menu



This may take a short while...

3. **New Service Name** - Enter the name of your 8-character FastStats system
4. Choose **64-bit** from the **Service Type** drop-down



5. Click **OK**

The **Edit Configuration** dialogue opens

6. **Database connection** - Enter the Connection String for the FS_Config database
7. **Configuration name** - Enter the Configuration name that will be assigned to this set of service options (this is usually the name of the system)

Info:

This information is stored in the service configuration file which retrieves its configuration from FS_Config

Table 3 – Edit Configuration Dialogue

Name	Value
Database Connection	MYSQSERVER\SQLEXPRESS
Configuration name	Holidays

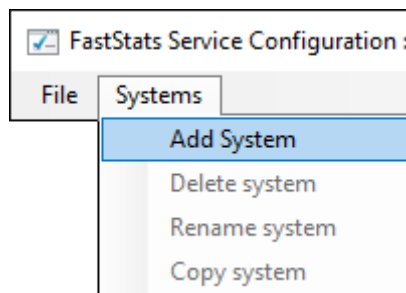
8. Click **OK**
9. Highlight the service in the FastStats.NET Services Manager dialog and click **Properties**.

Info:

You will get a warning that the configuration does not exist, and it will use default values, you can safely ignore this warning.

6.2 Adding the FastStats System to the Service

1. Click **Add System** from the **Systems** menu



2. **System Name** - Enter the name of your system as created by Designer e.g. Holidays
3. **Machine Name** - Enter the Machine Name of your FastStats SQL Server
4. If the SQL Database is on the same machine change the **(Network)** directory to be the same as the **(Local)** directory

The configuration should look like this.

 A screenshot of the 'Add System' dialog box. It contains the following fields:

- System Name: Holidays
- Number of Instances: 8
- Machine Name: MySQLServer\SQLEXPRESS
- FastStats Base Directory (Network): c:\faststats\Publish\Holidays
- FastStats Base Directory (Local): c:\faststats\Publish\Holidays

 The 'OK' and 'Cancel' buttons are at the bottom right.


Enter the Machine Name first, as it will re-write the contents of the (Network) row

5. Click **OK**
6. Wait for the System to build

Important

If it is on a different machine change the Startup User assigned to the FastStats Service. This user will need access to the Shared location and the user that SQL Server Service is running as will also need access to the same UNC paths configured here.

 A screenshot of the 'Add System' dialog box, similar to the previous one, but with the 'FastStats Base Directory (Network)' field updated to a UNC path: \\MyFSServer\faststats\Publish\Holidays. This field is highlighted with a red box.


Ensure this network path is accessible from the Application Server and SQL Server machine/s

6.3 Configuring the FastStats System

Database node

1. Ensure the Database connection string for the Web Service Database, WS_Holidays is correct

Note:

Connection String

Data Source=**MySQLServer\SQLEXPRESS**;Initial Catalog=**WS_Holidays**;User
Id=faststats_service;Password=<password>;

Where <password> is the default FastStats service password

2. Click **Test Connection** to check this connects successfully.



Important:
Click Test Connection

The screenshot shows the 'FastStats Service Configuration' window. The 'Holidays' node is selected in the left sidebar. The 'Database' sub-node is also selected. The 'Data Provider' is set to 'SQL Server'. The 'Database Connection String (Global)' is displayed as 'Data Source=MySQLServer\SQLEXPRESS;Initial Catalog=WS_Holidays;User Id=faststats_service;Password=fa5t5tat5!;'. The 'Test Connection' button is highlighted. Below the connection string, there are several configuration options with spinners: 'Maximum Results Size (bytes)' (100,000,000), 'Query Timeout (seconds)' (1,800), 'Connection Retry Wait Time (milliseconds)' (5,000), 'Maximum Connection Attempts' (5), 'Cold Job Time (minutes)' (120), 'Late Job Time (minutes)' (1,440), and 'Log sql queries if they take longer than (milliseconds)' (-1). A note at the bottom states: 'Note: -1 means no logging'.

Directories node

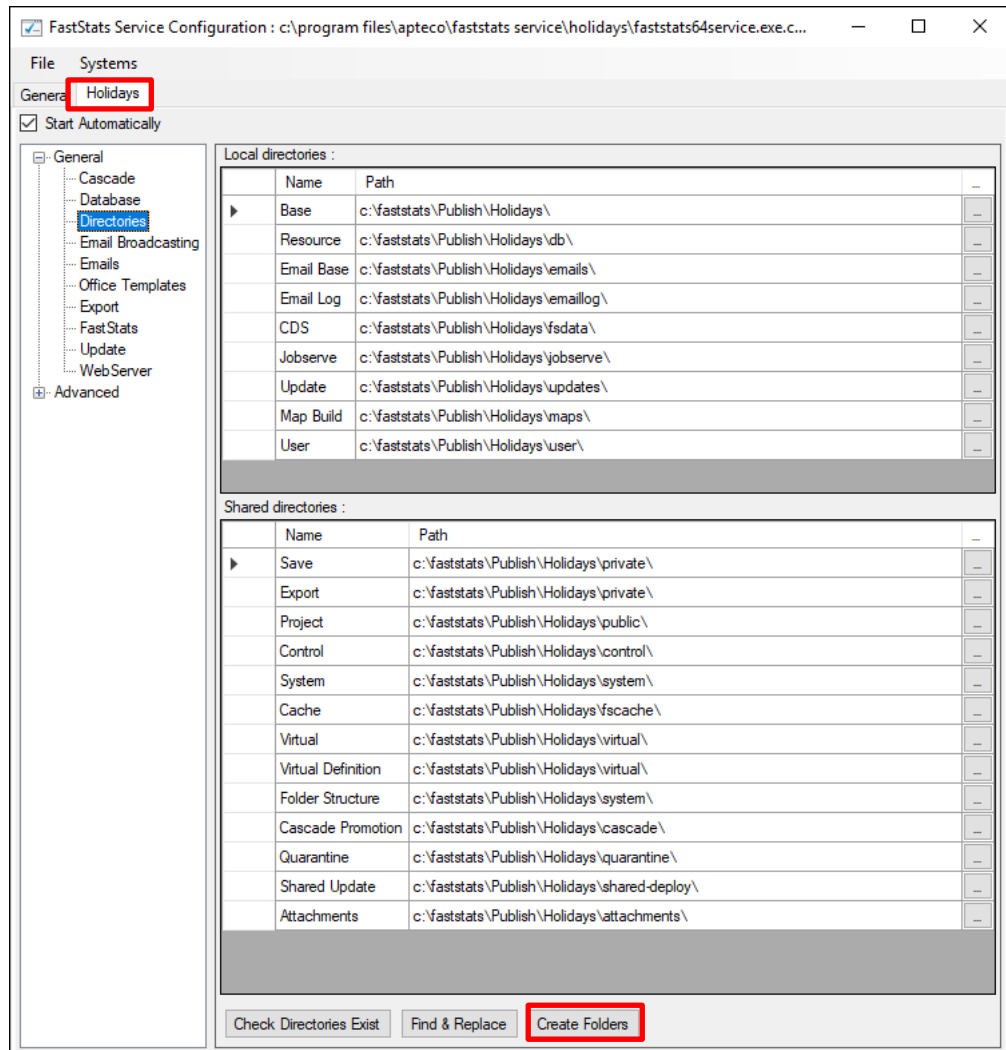
1. Click **Create Folders**

Note:

In a multi-server FastStats Enterprise environment the directories would look like this

\\MyFSServer\faststats\Publish\Holidays\...

otherwise they would all be the local path as shown below



Emails node

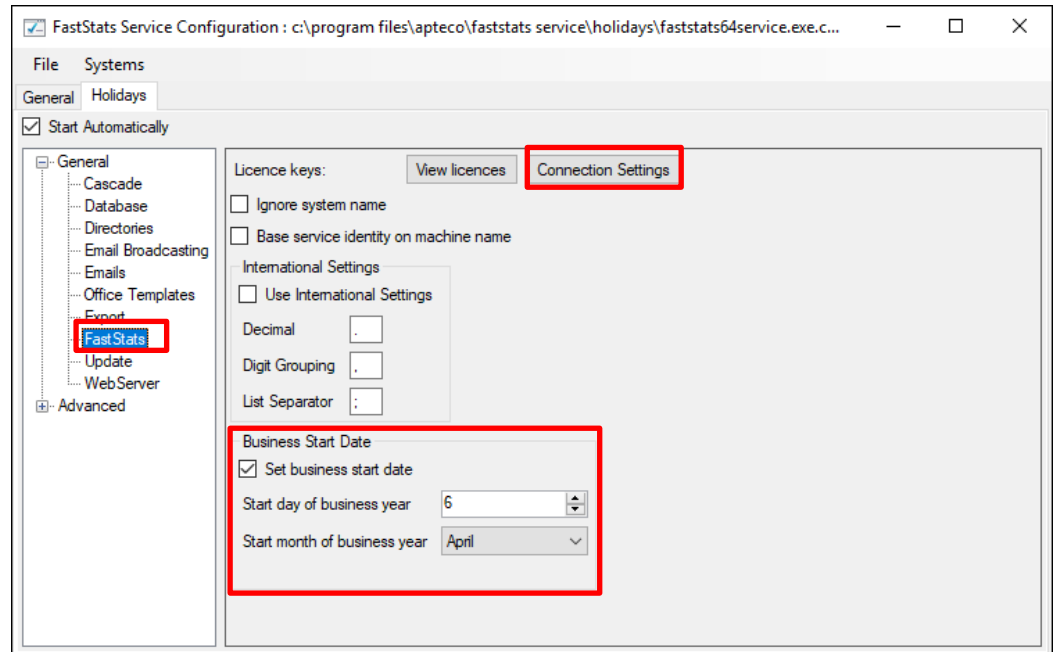
1. Configure your SMTP Server details
2. Click **Check Connection**

The screenshot shows the 'FastStats Service Configuration' window with the 'Emails' node selected in the left-hand tree. The 'General' tab is active. The 'Start Automatically' checkbox is checked. Under the 'Send Emails' section, the 'Admin Email Address (to)' and 'Admin Email Address (from)' are both set to 'admin@domain.com'. The 'SMTP Server' is 'exchangename.domain.com'. The 'SMTP Port' is 25, 'SMTP Retry attempts' is 5, and 'SMTP Retry delay (seconds)' is 60. The 'Log Emails' checkbox is checked. The 'Attachment extension' is '.txt'. The 'Installed templates' list contains 20 files, including 'admin_credit_remaining_warning.txt', 'delivery_fail.txt', 'deliveryagent_error.htm', 'diskquota_fail.txt', 'diskquota_user_warning.txt', 'diskquota_user_fail.txt', 'diskquota_warning.txt', 'DataLayout.rtf', 'PeopleStage/admin_delivery.htm', 'PeopleStage/admin_errors.htm', 'PeopleStage/admin_errors.txt', 'PeopleStage/admin_jobapproval.htm', 'PeopleStage/admin_jobapproval.txt', 'PeopleStage/admin_jobcancelled.htm', 'PeopleStage/admin_jobcancelled.txt', 'PeopleStage/admin_jobcompleted.htm', 'PeopleStage/admin_jobcompleted.txt', 'PeopleStage/admin_jobdelayed.htm', 'PeopleStage/admin_jobdelayed.txt', 'PeopleStage/admin_jobrunning.htm', 'PeopleStage/admin_jobrunning.txt', 'PeopleStage/admin_jobstarted.htm', and 'PeopleStage/admin_lockdelayed.htm'. The 'Check Connection' button is highlighted with a red box. The 'Add Default Templates' button is also highlighted with a red box. The 'Open Template Folder' button is visible at the bottom right.

3. Click **Add Default Templates**

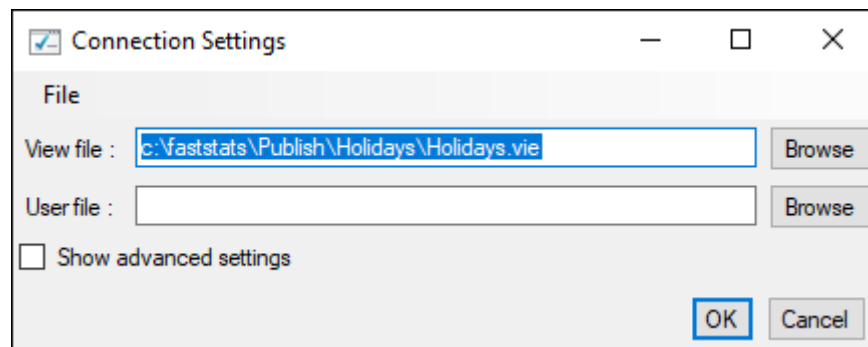
FastStats node

1. **Business Start Date** - Change the **Business Start Date** which allows calculations to be done in respect to a specific Business date



The Set business start date for example will give more options on a Cube when you drag a date to relate this to a business fiscal year.

2. Click **Connection Settings**



3. **View File** - Enter the path the for the View file

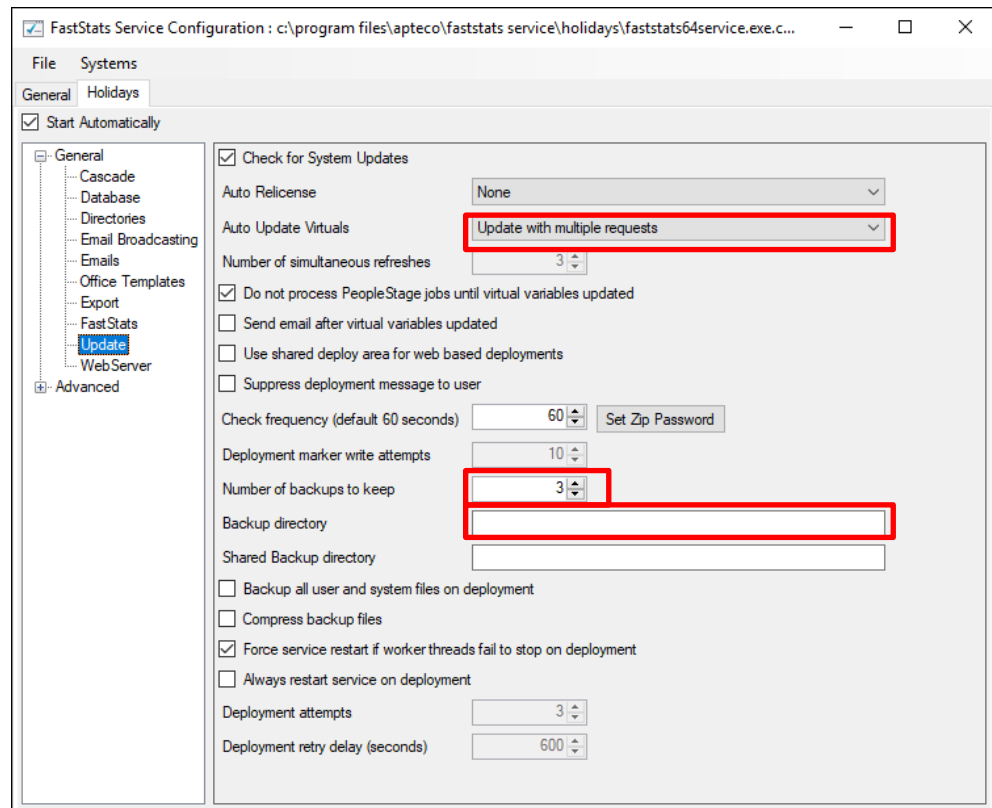
which will be in place in the base folder of the Published location upon deployment, for example
C:\Faststats\Published\Holidays\Holidays.vie

4. Select **File > Save**
5. Select **File > Close**

- Section complete

Update node

1. **Auto Update Virtuals** - Select **Update with multiple requests** from the drop-down



2. **Number of backups to keep** - Modify the number of backups you require
3. **Backup directory** – Add the backup location

If a backup location is not specified a backup directory will be created in the base location previously specified

Important:

FastStats will only backup the virtual directory and files that are overwritten by a deployment by default.

It will not backup:

- User selections
- User exports
- Cascade exports

These should all be taken care of with internal backup procedures alongside SQL backups.

Tip:

Designer which builds the FastStats System has the capability to reach across to the Live Published location, given the correct folder permissions, and retrieve Virtual Variable definitions and refresh them on the Build Server, by way of a virtual package post load action.

The option to refresh the variables in the service allows the service to refresh Virtual Variables after the new dataset has been deployed. This means that if the users connect to a system

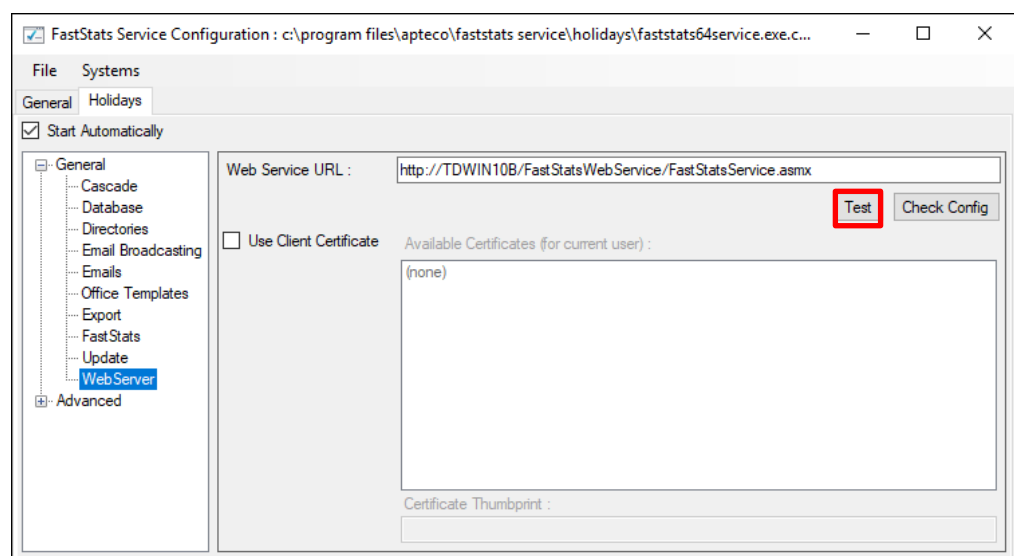
before the Virtual Variables are refreshed, they may only see some of these as being refreshed, however this isn't normally an issue if the deployment is done overnight.

Designer can refresh the Virtual Variables on the build machine and deploy these as part of the system build so they are available immediately on deployment. The consideration of SLA's and scheduled Campaigns to get the fresh data in place would need to be considered alongside the time it would additionally take to fresh the VV's as this would delay the deployment.

Web Server node

1. **Web Service URL** - Add the http address for the FastStats Webservice on your Webserver

For example: **http://MyWebServer/FaststatsWebService/FastStatsService.asmx**



2. Click **Test**

*This will return the version of the **Configurator** and the **Web Service***

3. Select **File > Save**



Important:

If the **Save** step is missed, you will need to complete this section from the start

General Tab

1. **Log file** - Choose the location for your log file

This should be in the log directory of the Base location previously defined. A warning is shown if the location doesn't exist.

C:\FastStats\Publish\Holidays\log\fs_Holidays_log.txt

2. Select the **Scheduling Enabled** check box
3. **Database Settings** – Select the name of the system from the drop-down

*In this case **Holidays**.*



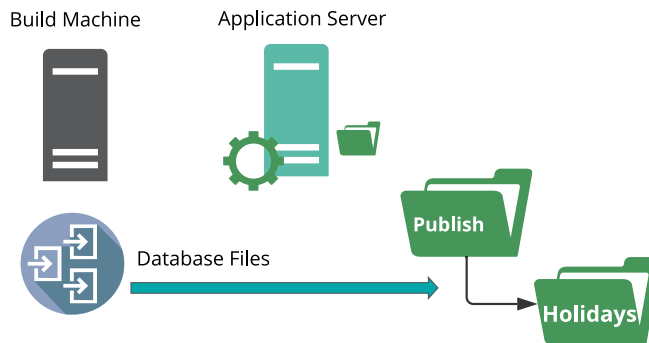
Important:
*If Holidays doesn't appear in the dropdown for the Database Settings, it's likely that the stage to do **File > Save** (previous step) to save the settings back to allow you to select the system has been missed*

4. Select **File > Save**
5. Select **File > Close**

6.4 Copy System Files

Important

Copy your Designer Build FastStats System Database files to this folder.

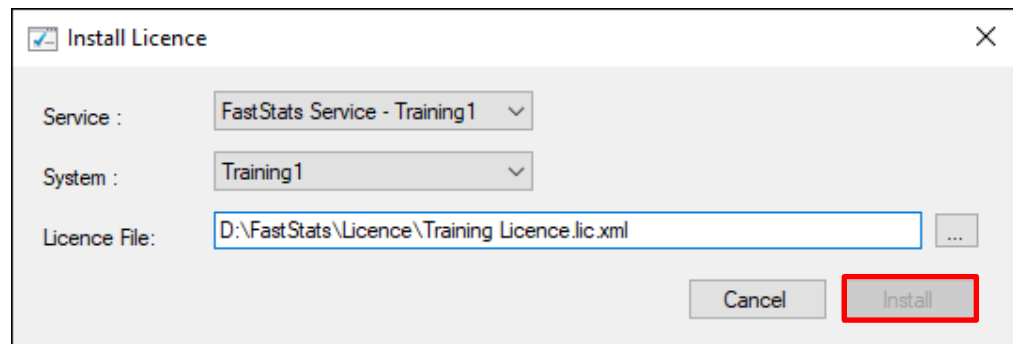


6.5 Installing a Licence

You need to install your licence file to use FastStats

1. Open the **FastStats Configurator** > **FastStats Services** > **Manage Services** window and click **Licensing**
2. Select the service you wish to apply the licence to and click **Install**

The Install Licence dialogue opens

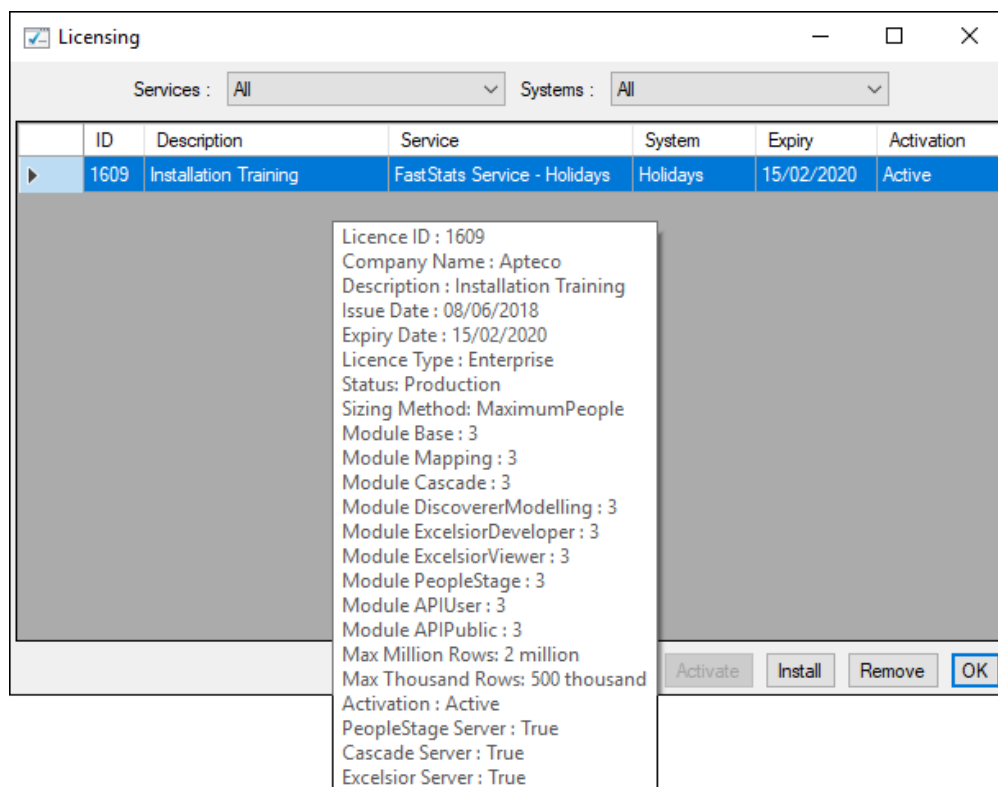


3. Click the **Browse** button to locate your licence file and click **Install**



Tip:

Move your cursor over the service to see the licence details



4. Click **OK**
5. Highlight the service and click **Start**

- *Section Complete*



Important:

When you install a licence and assign users in FastStats those users are dependent on that licence.

If you **remove** a licence all the users will **lose all their previously configured Login and Module rights**. The users will still be shown in the Users Explorer, but as they are longer assigned to a licence they will be **unable to log in**.

If you accidentally **Remove** the licence, log back into the system and reassign the users to the licence and add the relevant modules to allow them to log back in, then **FastStats** will report **“user not licenced”**

Ensure, when you receive an **updated licence** to add users or change the expiry date that you use the **Update** button not the **Remove** option.

If you have a licence installed and it has been Activated, it will show as **Active** in the Licensing window. If you use the **Update** button you will be prompted again to Activate the licence as this is done every time a licence is Installed or Updated. **If it is already Active this can be safely ignored. Activation only ever needs to be done once per licence.**

7 Preparing the Launcher

7.1 Creating the FastStats Launcher Binaries

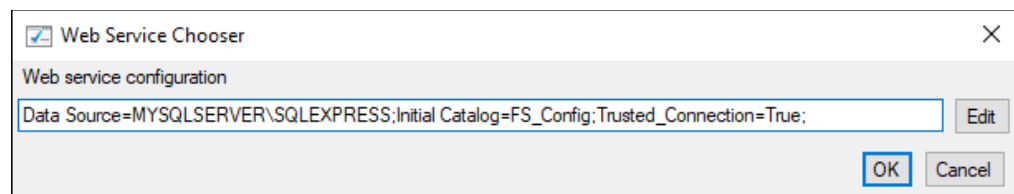
The following steps describe the process of adding Binaries to the Configuration Database - Log on to the FastStats Application Server



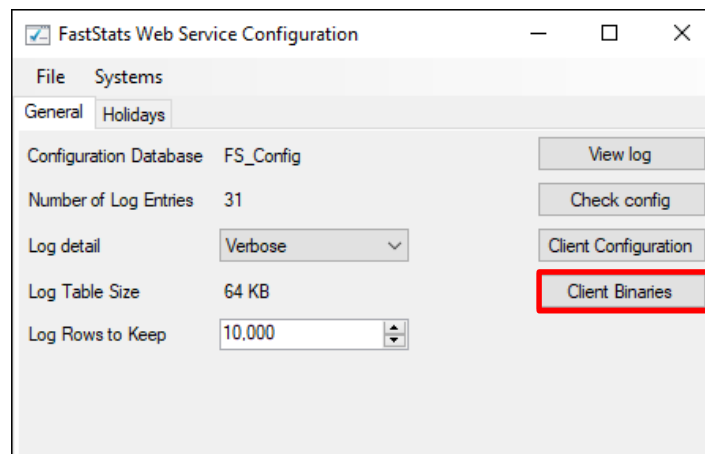
Note:

Please make a note of the name you give the Binaries configuration as Launcher application will need this to reference these Binaries. The FastStats Binaries contain files that are passed to the client which contain the FastStats application itself and customer customization if required.

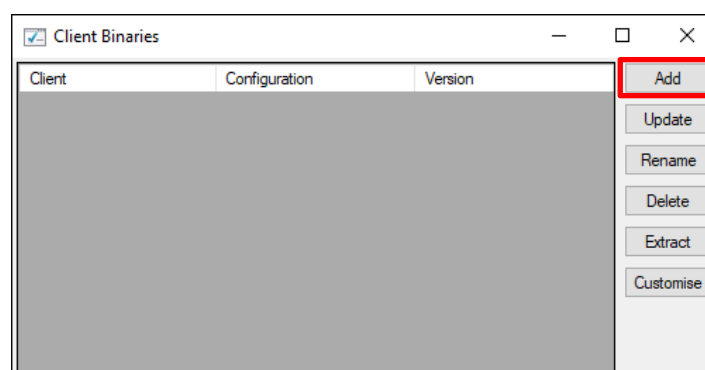
1. Open the **FastStats Configurator**
2. Select **Web Service** - The **Web Service Chooser** opens, click **OK**



3. Click **Client Binaries** on the General tab of the **FastStats Web Service Configuration** dialogue



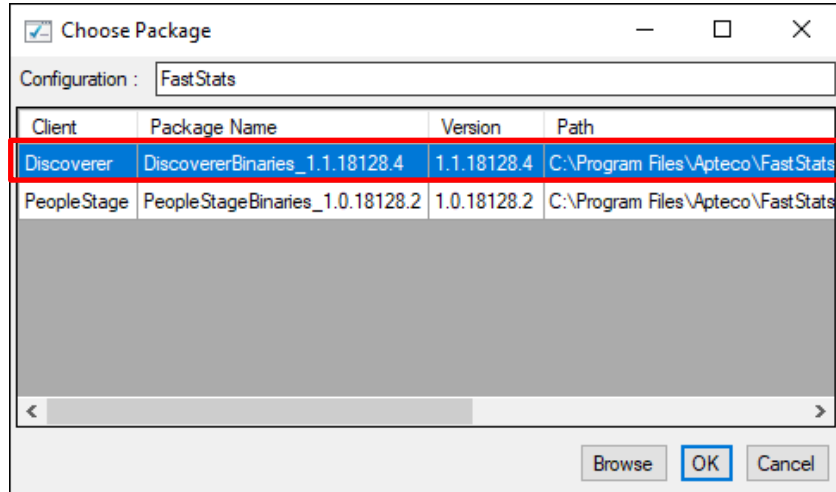
4. The **Client Binaries** dialogue opens, click **Add**



The chosen Client Binaries in this case Discoverer, will be associated with the given Configuration name which.

The suggested Configuration name for the default set of Binaries is “**FastStats**” which will be used in the examples below

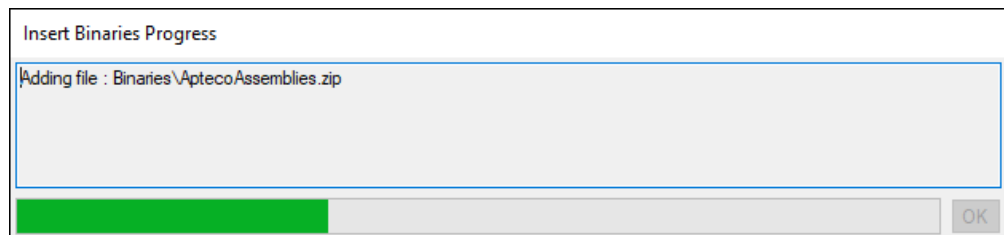
5. Select the **Discoverer** zip file containing the version of the Binaries you wish to use for the FastStats Client you are looking to configure



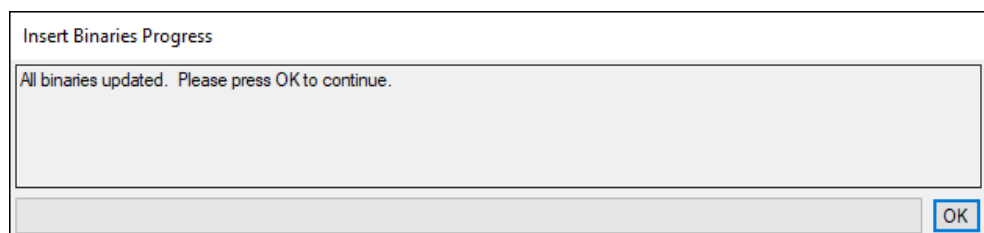
Note:

The version of the FastStats software shipped within the FastStats Configurator is shown on the Choose Package dialogue. In your release, there may only be one Client Package available.

6. Click **OK**



This Binaries package is now being inserted into the SQL Database FS_Config against a Binaries Configuration name of **FastStats**.



7. Click **OK**



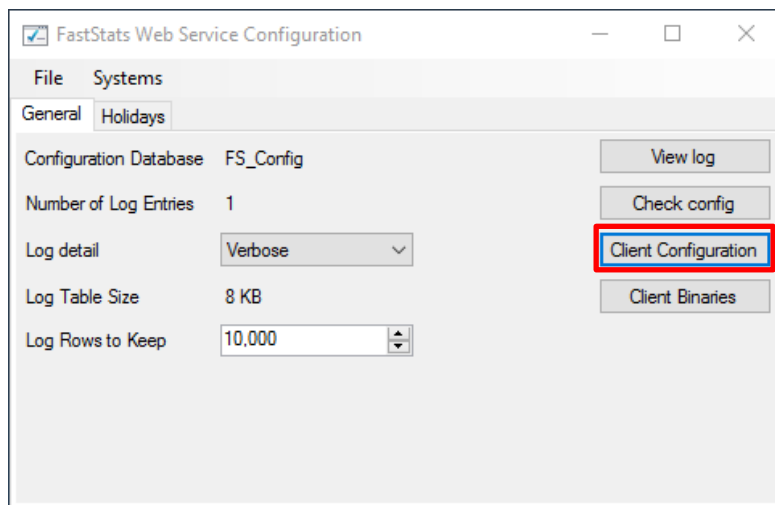
Note:

This has now populated Filename and Data columns in the **DiscovererBinaries** table within the **FS_Config** database.

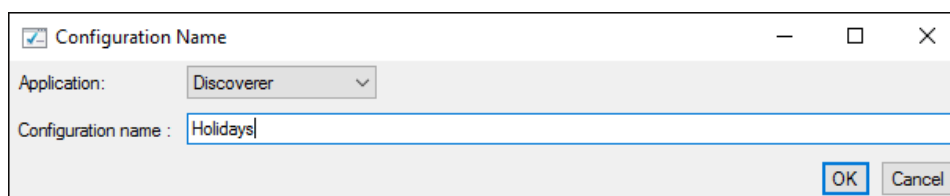
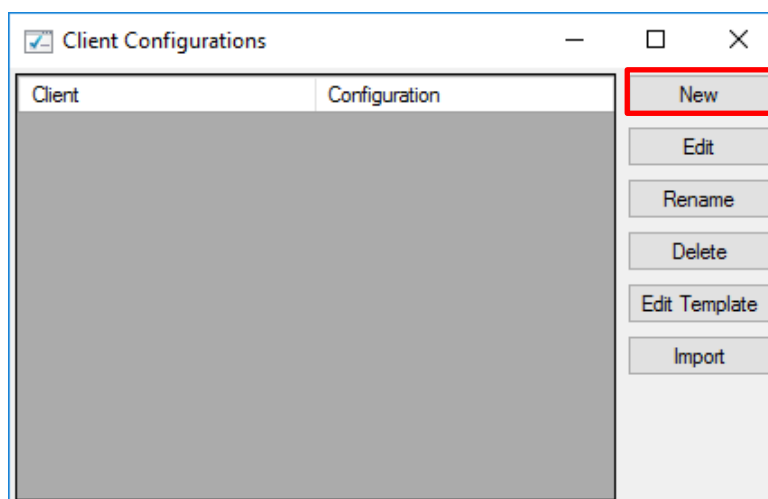
These have been associated with a ConfigurationName column which has been populated with the name entered above, **FastStats**.

7.2 FastStats Client Configuration

1. Go back into the Web Service and from the General tab click **Client Configuration**



2. Click **New** and choose the client type from the dropdown, **Discoverer**, and the name you want to associate with this client specific configuration. The recommended name is the same as your system, [Holidays](#).



You can then use the Edit button to manage the Discoverer Client Configuration as shown in more detail on the next page

7.2.1 Edit the FastStats Client Configuration

From: **Web Service > Client Configuration > Edit**

General Tab

The suggested default configuration is highlighted below.

1. Clear any check boxes that may be selected in this interface as a default to match the configuration. See table below.

Edit Client Configuration

Edit Discoverer configuration : Holidays

General Appearance Restrictions Support Plugins Launcher Network Debug Telemetry

Name
Application Name **FastStats - Holidays**

Login Options
WebService Login Timeout (secs) 60
FastStats Service Login Timeout (secs) 60
☐ Allow Local Login ☐ Show Client Certificate Dropdown
☒ Allow Enterprise Login ☐ Show "Add New User" Button
☐ Show "Password Reminder" Button
☒ Show "Password Reset" Button
☐ Support Auto-Login With Windows Credentials
Maximum Number Of Recently Used Items To Show On Login Screen 5

SystemName
▶ **Holidays**
*

WebService URL **http://selene/FastStatsWebService/FastStats.asmx**
☐ Allow User To Change WebService URL

OK Cancel

Table 4 – Edit Client Configuration - General Tab Settings

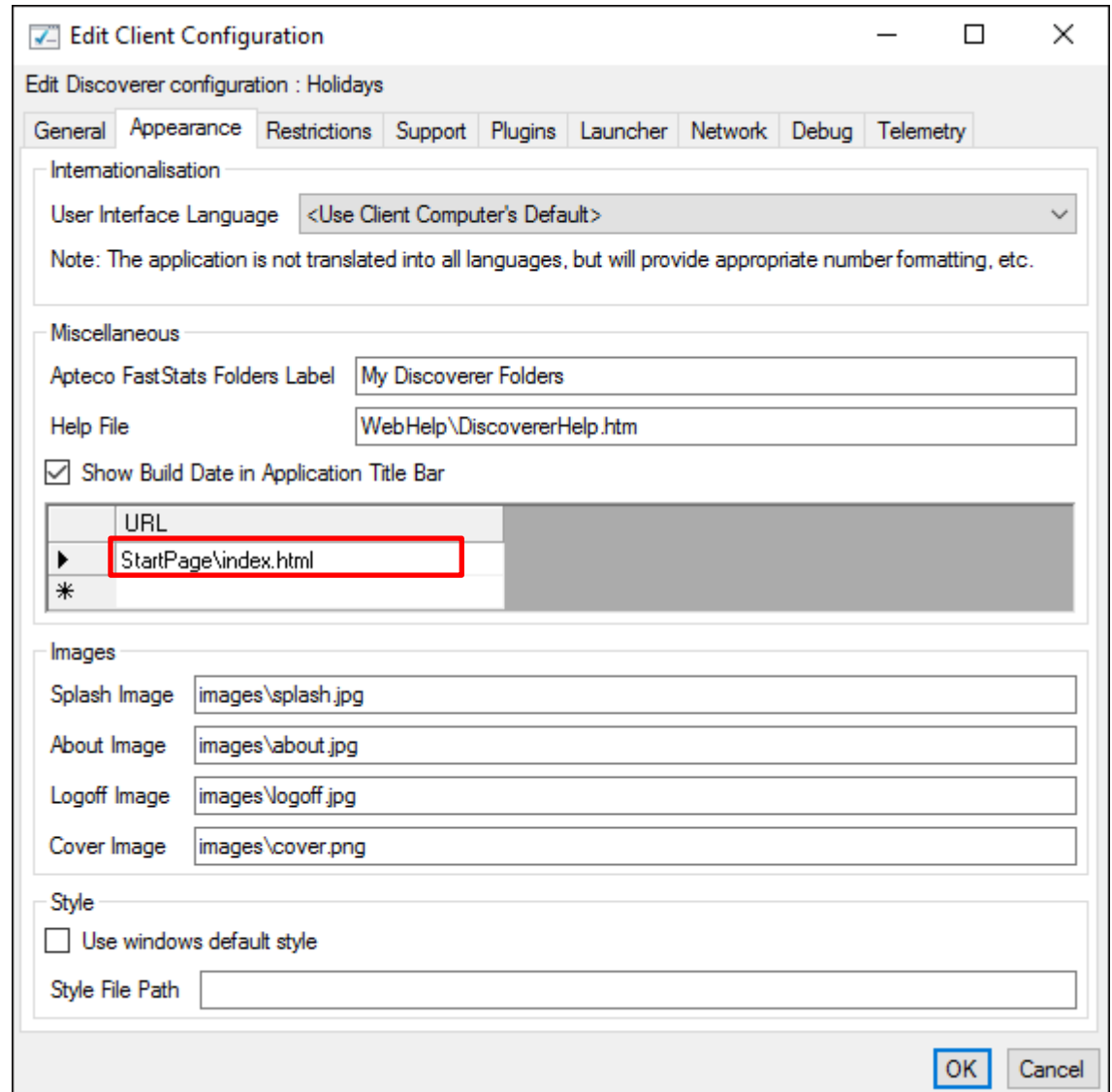


Name	Value
Application Name	FastStats - Holidays (The name that is shown in the top of the FastStats window)
System Name	Holidays The SystemName section is filled in with the name(s) of the systems you want the user to be able to choose from in the system drop down window on the FastStats login screen
WebService URL	http://MyWebServer/FastStatsWebService/FastStats.asmx The FastStats Webservice address must be listed so the Launcher knows how to communicate with the systems' WebService Database
Allow User To Change Webservice URL	Clear this check box

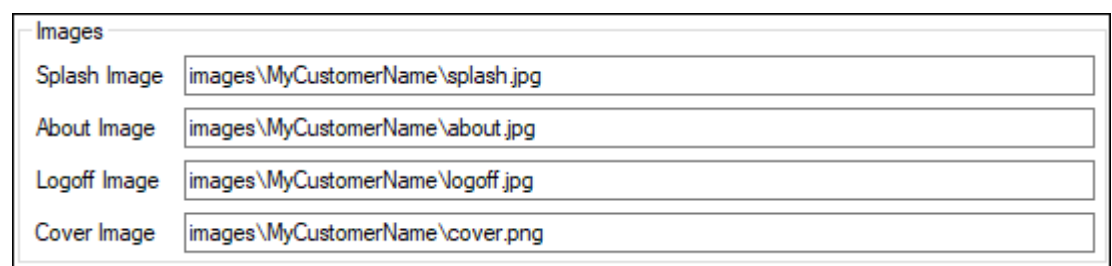
Appearance Tab

On the appearance tab you can change the default start page to a custom website for example <http://www.HolidaysWebsite.com>

You can create specific custom web pages using this dialogue.

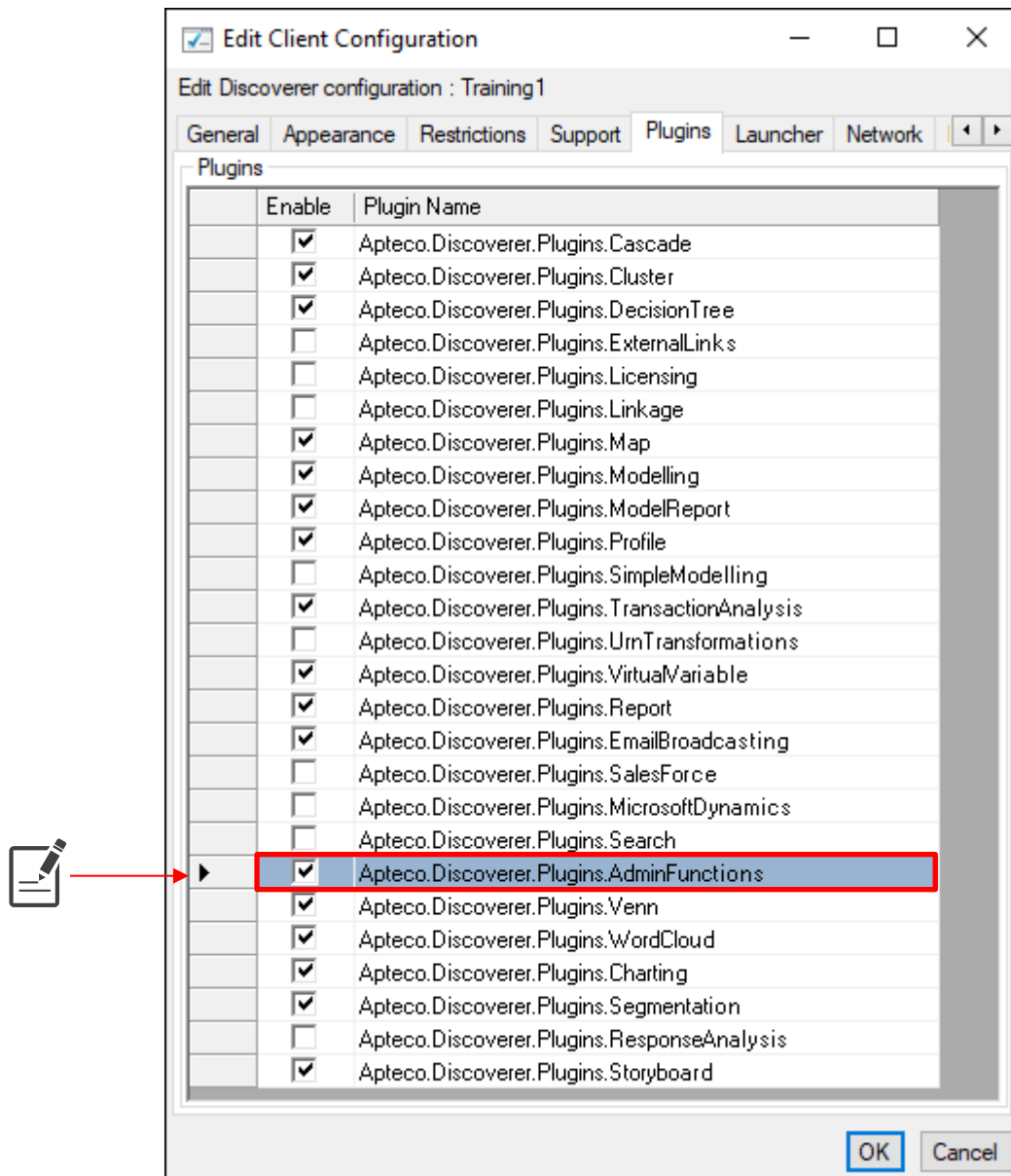


You can either use the same set of Binaries for all customers or customize the images for each customer.



Plugins Tab

Ensure the **AdminFunctions** plugin is enabled on in the Plugins tab.



Note:

If you are not using them, turn off all the entries that aren't required. Some of these will cause an error message if they are enabled but not administratively configured.

Support Tab

You can configure the settings that are used when the user clicks **Support Request by Email** from **File > Help > About**

These are also settings that get populated on an exception

☒ Edit Client Configuration

Edit Discoverer configuration : Aptecons

General Appearance Restrictions **Support** Plugins Launcher Network Debug Telemetry

Support Information

Support Email: support@partner.com

Support URL: www.supporturl.com

Support Phone Number:

Support IM Details:

☒ Prompt User For Support Severity

Support Request Questions

Question 1: What is the issue you are reporting?

Question 2: Can you recreate this issue every time? If so please provide steps to repeat.

Question 3: Does this issue affect you, or all users of the system?

Question 4: Please attach any screenshots or errors messages you have collected.

Question 5: Please advise us of anything else you may be aware of; data refresh, new FastStats version, etc.

OK Cancel

Table 4 – Edit Client Configuration – Support Tab Settings

Name	Value
Support Email	(default is support@apteco.com) Enter the email for your support team
System Name	(default is www.apteco.com) You can enter an alternative support URL here
Support Phone Number	(empty by default) Enter a phone number to use for support
Support IM Details	(empty by default) Enter your Instant Messaging/Support Chat details here

About Support Tab

The information you enter will be shown on the About window Support tab available from: **File > Help > About**

About FastStats Support Tab and Support Information

About FastStats Discoverer Enterprise Edition [Training1 - built on 18/08/2017 12:15:48]

Apteco FastStats™

Support Information

Support Email Address : support@apteco.com

Support URL : www.apteco.com

Support Phone Number : 01234 5678910

Buttons: Force Client Error, Package Server Logs..., Generate Support Extract...

Tabs: Product, System, Host, **Support**, Licence

Buttons: Support Request By Email, Support Request To Clipboard

Copyright UK 2004 - 2018 Apteco Ltd
US Patent No. 7,200,607 www.apteco.com [licence](#) OK

Support email contents and technical details auto generated for the user to complete.

FastStats Discoverer Support Request (Training1)

To: [Apteco Support](mailto:support@apteco.com)

Subject: FastStats Discoverer Support Request (Training1)

FastStats Discoverer Support Request: 10/09/2018 10:44:07
Severity: [Important]

Please answer the following questions to help us with your query:
What is the issue you are reporting?

Can you recreate this issue every time?

Does this issue affect you, or all users?

Please attach any screenshots or error messages.

Please advise us of anything else you may be aware of, data refresh, new FastStats version, etc.

TECHNICAL DETAILS

.NET Framework: .Net Framework 4.0.30319.42000 (64 bit)
Client: Q1 2018 (1.1.18079.15; 64 bit - Release)
Server: 5.6.3.18099 (64 bit)
ChunkSort:
FastStats Service: 1.3.18079.19
Web Service: 1.3.18079.11
Operating System: Microsoft Windows NT 10.0.17134.0 (64 bit)
Active Language Settings: English (United Kingdom) [en-GB]
FastStats System: Training1 (Type FTO / ANSI)
Login Type: Enterprise Edition - Logged in as [tdzumaga](#) (user ID 2)
Licence: 1585: Tony's Test Licence (Production Active expires on 27/11/2018)

Once these settings are configured, they will be visible in the **FS_Config** SQL database associated with the Configuration Name (Holidays), **DiscovererPlugins** and **DiscovererSettings** Tables.

FS_Config

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.DiscovererBinaries

dbo.DiscovererConfigTemplates

dbo.DiscovererPlugins

dbo.DiscovererSettings

dbo.FastStatsServiceConfigurations

dbo.Log

dbo.UpdateVersions

dbo.WebServiceConfigurations

Results

Messages

	ConfigurationName	Client	Plugin
1	Holidays	Discoverer	Apteco.Discoverer.Plugins.Cascade
2	Holidays	Discoverer	Apteco.Discoverer.Plugins.Cluster
3	Holidays	Discoverer	Apteco.Discoverer.Plugins.Decision Tree
4	Holidays	Discoverer	Apteco.Discoverer.Plugins.Map
5	Holidays	Discoverer	Apteco.Discoverer.Plugins.Modelling
6	Holidays	Discoverer	Apteco.Discoverer.Plugins.ModelReport
7	Holidays	Discoverer	Apteco.Discoverer.Plugins.Profile
8	Holidays	Discoverer	Apteco.Discoverer.Plugins.TransactionAnalysis
9	Holidays	Discoverer	
10	Holidays	Discoverer	
11	Holidays	Discoverer	
12	Holidays	Discoverer	
13	Holidays	Discoverer	
14	Holidays	Discoverer	
15	Holidays	Discoverer	
16	Holidays	Discoverer	
17	Holidays	Discoverer	

Results

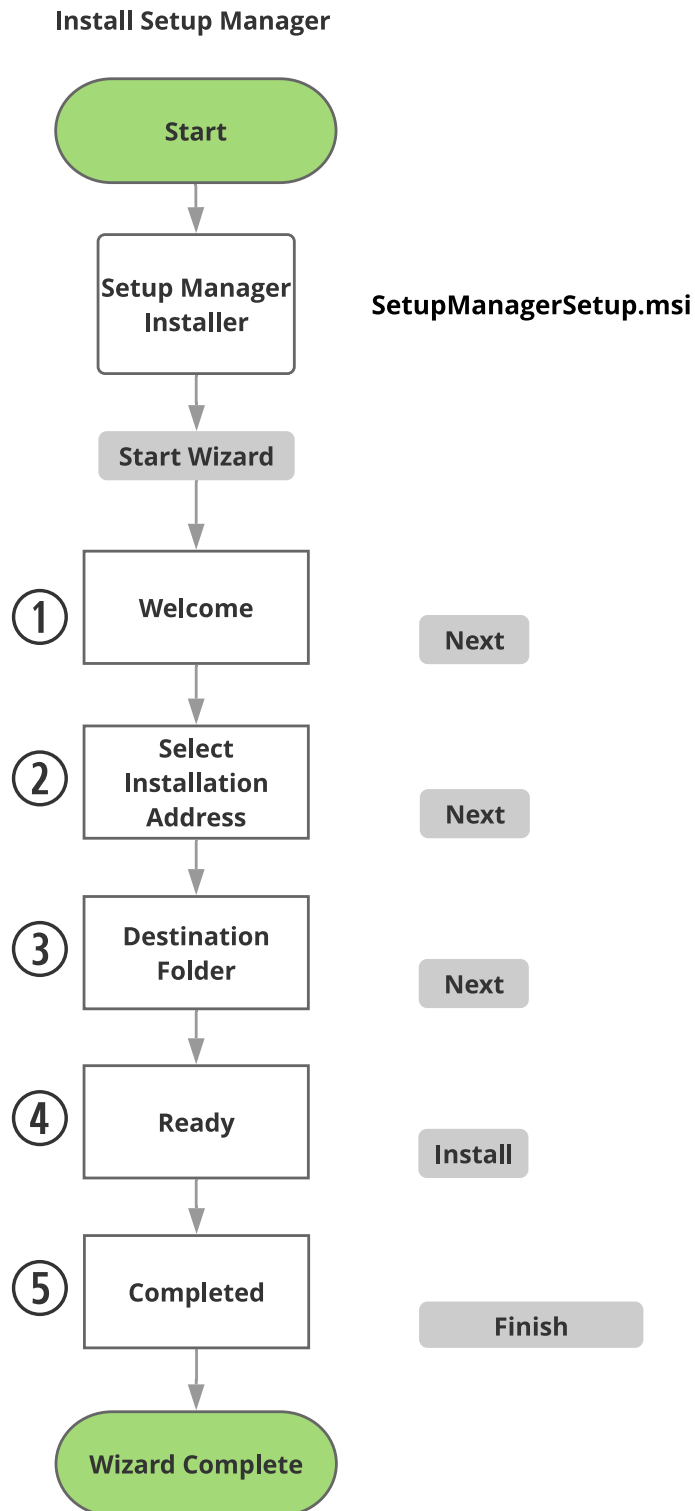
Messages

ConfigurationName	Client	Key	Value
Holidays	Discoverer	Apteco.Discoverer.Core.SupportUrl	www.apteco.com
Holidays	Discoverer	Apteco.Discoverer.Core.SupportPhoneNumber	NULL
Holidays	Discoverer	Apteco.Discoverer.Core.WebServiceLoginTimeout	60
Holidays	Discoverer	Apteco.Discoverer.Core.FastStats32ServiceLoginTimeout	60
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.Tabs	Server
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.SystemNames	Holidays
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.AllowExtendedOptions	False
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.ShowAddNewUserBut...	False
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.WriteDebug	True
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.ProxyAddress	NULL
Holidays	Discoverer	Apteco.Discoverer.Controls.HelpName	WebHelp\DiscovererHelp.htm
Holidays	Discoverer	Apteco.Discoverer.Launch.ApplicationName	FastStats - Holidays
Holidays	Discoverer	Apteco.Discoverer.Core.MyDiscovererFoldersLabel	My Discoverer Folders
Holidays	Discoverer	Apteco.Discoverer.Launch.DiscovererURLs	StartPage/index.html
Holidays	Discoverer	Apteco.Discoverer.Launch.SplashImage	images/splash.jpg
Holidays	Discoverer	Apteco.Discoverer.Launch.AboutImage	images/about.jpg
Holidays	Discoverer	Apteco.Discoverer.Launch.LogoffImage	images/logoff.jpg
Holidays	Discoverer	Apteco.Discoverer.Launch.CoverImage	images/cover.png
Holidays	Discoverer	Apteco.Discoverer.Core.Comms.MessagePollerInterval	120
Holidays	Discoverer	Apteco.Discoverer.Launch.LauncherUrl	NULL
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.MaximumNumberOfRe...	5
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.MaximumNumberOfRe...	500
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.ShowSystemLoadDate...	True
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.PromptUserForSupport...	True
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.SupportQuestion1	What is the issue you are reporting?
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.SupportQuestion2	Can you recreate this issue every time?
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.SupportQuestion3	Does this issue affect you, or all users of it?
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.SupportQuestion4	Please attach any screenshots or error m...
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.SupportQuestion5	Please advise us of anything else you may...
Holidays	Discoverer	Apteco.Discoverer.Core.Visualisations.Output.DataGrid.MaximumSizeMb	0
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.ShowRequestPasswor...	False
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsMainForm.BypassProxy	False
Holidays	Discoverer	Apteco.Discoverer.Core.SupportIMDetails	NULL
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.AllowConnectionToSt...	False
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.CheckSelfCertificateRe...	False
Holidays	Discoverer	Apteco.Discoverer.Core.EnableExperimentalSelectionViews	False
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.ShowCertificateDropD...	False
Holidays	Discoverer	Apteco.Discoverer.Core.FastStatsLoginForm.SupportAutoLoginWith...	False
Holidays	Discoverer	Apteco.Discoverer.Core.Comms.JobStatusPollDelayInMills	500
Holidays	Discoverer	Apteco.Discoverer.Core.Comms.RequestResultChunkSizeInKb	480

Note:
This information is read every time the Launcher on the client’s machine is run. Any details that you change in the Client settings will get passed to Launcher and shown within in the client interface next time they login.

7.3 Installing the Setup Manager

Install the Setup Manager application from the FastStats Enterprise folder.



7.4 Configuring the Launcher Files

You must configure the standard **FastStats64LauncherSetup.msi** with the system specific settings.

1. Run **Setup Manager** from the FastStats Start menu
2. Click **Browse** and open the appropriate **FastStats64LauncherSetup.msi** file from:
(FastStatsEnterprise\Launcher\systemname\FastStats64LauncherSetup.msi)

The **FastStats Setup Manager** window opens

Properties Tab

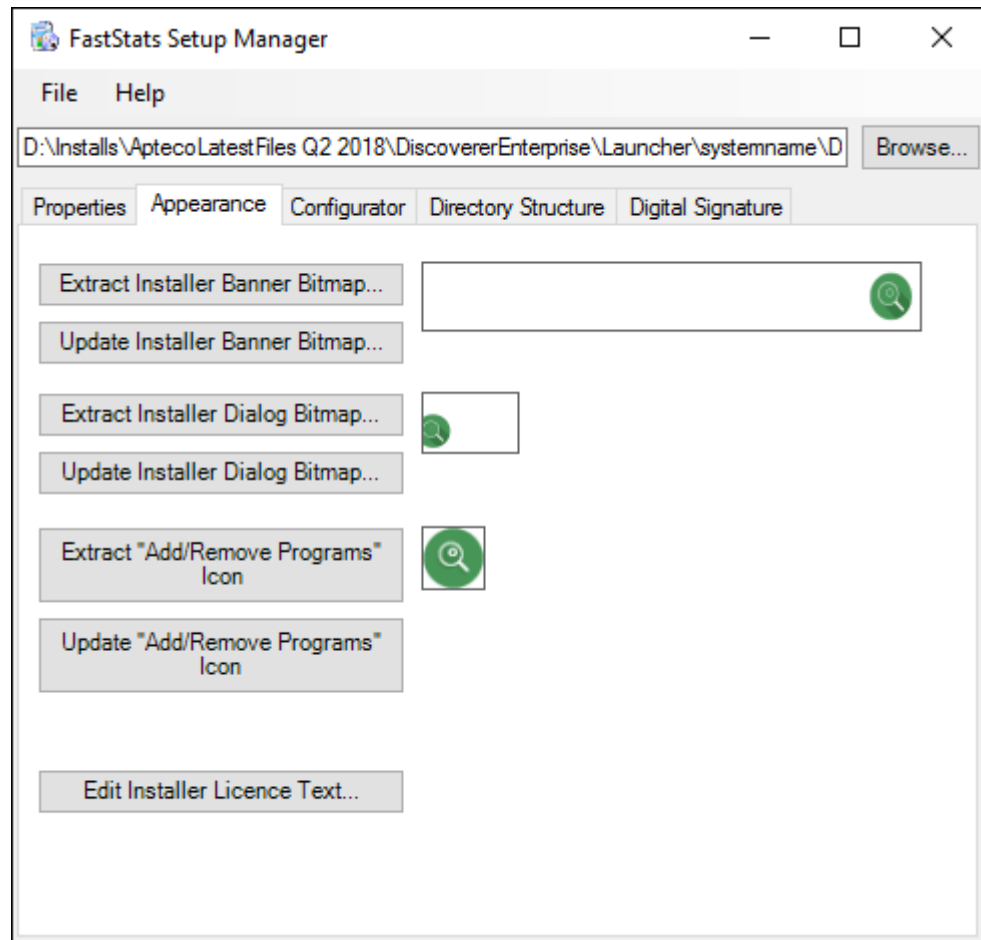


Tip:
Copy to
paste in the
Directory
Structure

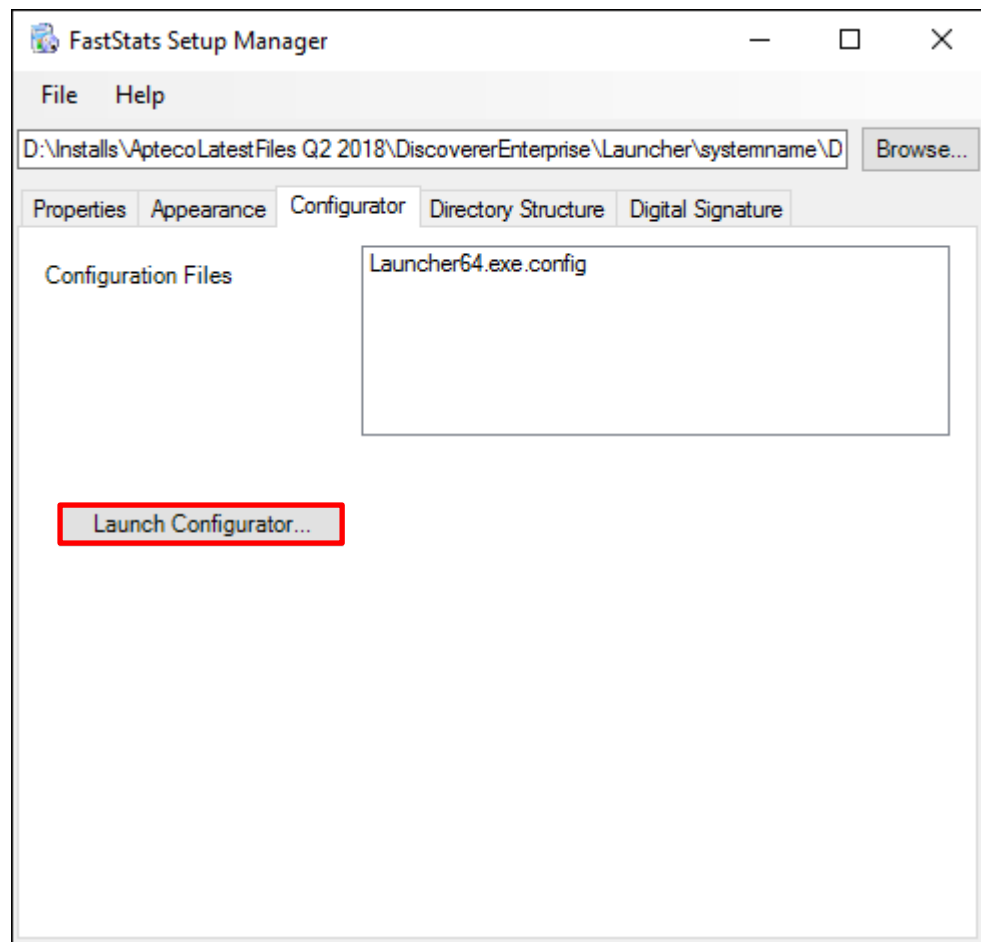
Table 4 – FastStats Setup Manager - General Tab Settings to use

Name	Value
Product Name	Rename Product Name e.g. FastStats Holidays - Launcher
Base installer identity on Product Name	Selected To restrict the launcher - only one copy of this launcher can be installed at any one time
Product Description	Rename Product Name e.g. FastStats Holidays - Launcher

Appearance tab



Configurator Tab



1. Click **Launch Configurator** to edit the **Launcher64.exe.config** file held within the **MSI**

7.4.1 Launcher Configurator

The screenshot shows the 'Launcher Configurator' window. The 'File' menu is open. The 'Target .Net Framework Version' is set to '.Net 4.5 or above'. The 'Application Base URL' is 'http://MyWebServer/FastStatsWebService/GetBinary.aspx/Discoverer/Binaries'. The 'Application Name' is 'Discoverer64.exe'. The 'Application Configuration File' is 'http://MyWebServer/FastStatsWebService/DiscovererConfiguration.aspx/Holidays'. The 'Smart Configuration File' is 'SmartAssembly.xml'. There are four checkboxes: 'Bypass Proxy', 'Use Manual Proxy Address', 'Disable "Expect 100 Continue" Behaviour', and 'Use Custom HTTP User-Agent Header', all of which are unchecked.

Table 4 – Launcher Configurator Settings

Name	Value
Application Base URL	http://MyWebServer/FastStatsWebService/GetBinary.aspx/Discoverer/Binaries Amend the default string to replace “localhost” with your web server name.
Use the previously defined Client Configuration name	Change “Discoverer” for the Binaries name if different, e.g. FastStats <a href="http://<servername>/FastStatsWebService/GetBinary.aspx/<Binaries Configuration Name>/Binaries">http://<servername>/FastStatsWebService/GetBinary.aspx/<Binaries Configuration Name>/Binaries
Application Configuration File	Amend the default string to replace “localhost” with your web server name. http://MyWebServer/FastStatsWebService/DiscovererConfiguration.aspx/Holidays Change “Holidays” to the FastStats Client configuration name if different

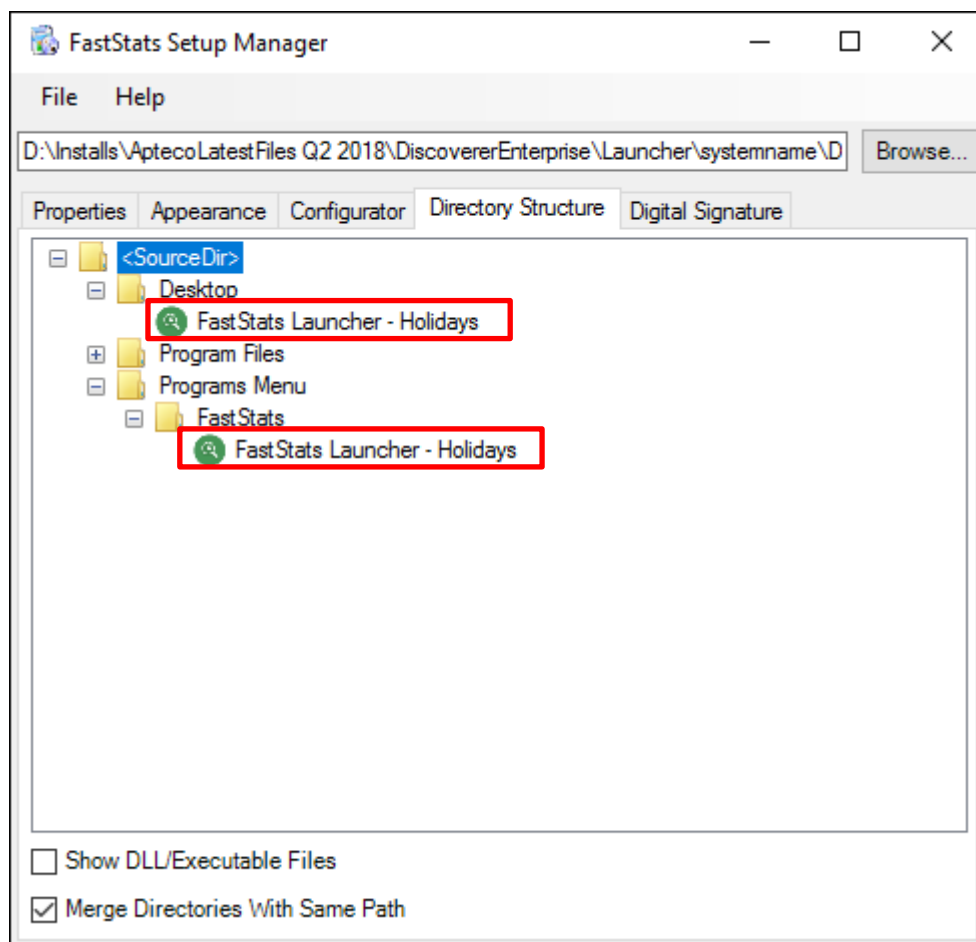
When configured this file will be installed onto the client’s machine and provides it with Binaries and FastStats Client settings to retrieve from the **FS_Config** database via the FastStats Web Service.

Check?:
FastStats or
Discoverer

<http://MyWebServer/FastStatsWebService/GetBinary.aspx/FastStats/Binaries>

2. Choose **File > Save** to save the **Launcher64.exe.config** file back into the **MSI**
3. Close the **Launcher Configurator** window to return to the **Setup Manager**

Directory Structure tab



Tip:
Make a
note of the
Product
Name to
use later

1. Expand **Desktop** and **Programs Menu** using +
2. Paste the **shortcut names** here to be the same name that you changed the **Product** to in the **Properties** tab
3. Right click on these and choose > **Rename**
4. Once the changes to the **Launcher Setup** are complete, choose **File > Save** to save the **MSI**
5. Click **Yes** on the “No Digital Signature information has been specified, are you sure?” message

*If you have a **Digital Certificate** you can apply here if required.*

6. Click **Yes** on the “Product Identity settings must be identical” message
This ensures that this product can only be installed once on a user’s machine.

- Section complete

7.4.2 Move the Configured Launcher MSI to your Web Server

On your Web Server the base directory as a default would be

<c:\inetpub\wwwroot\>

When this is translated to an Internet Browser this would be <http://MyWebServer>

The FastStats directory will serve the FastStats application to your clients via the Launcher you just configured.

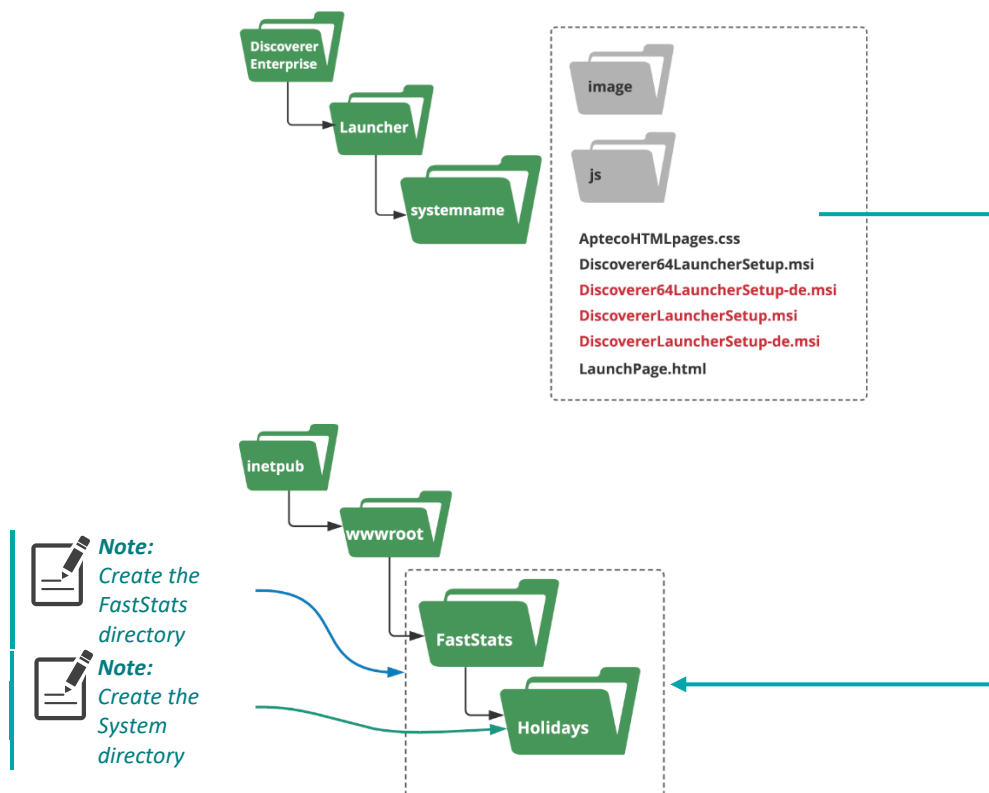
Create a different folder for each system underneath this

When this is translated to an Internet Browser this would be

- <http://MyWebServer/FastStats/Holidays>

Copy the following files to the Holidays system folder:

- **Discoverer64LauncherSetup.msi** (The launcher file that you configured)
- **Launchpage.html** file
- **AptecoHTMLpages.css**, the **js** and **image** directory



Send your clients the following install link (you can download and run locally):

<http://MyWebserver/FastStats/Holidays/Launchpage.html>

Repeat the process for the 32-bit launcher if required (FastStatsLauncherSetup.msi)

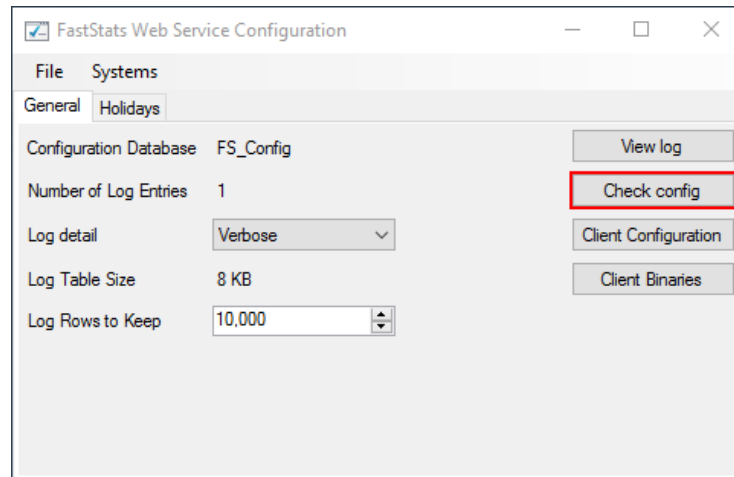
The Launchpage.html has links for 64-bit and 32-bit which may need modifying or you can create your own if only using 64-bit

7.4.3 Check the Web Service Configuration

Open the FastStats Configurator on the FastStats Application Server and click on the Web Service button.

Accept the connection string if previously configured otherwise point this at the FS_Config database.

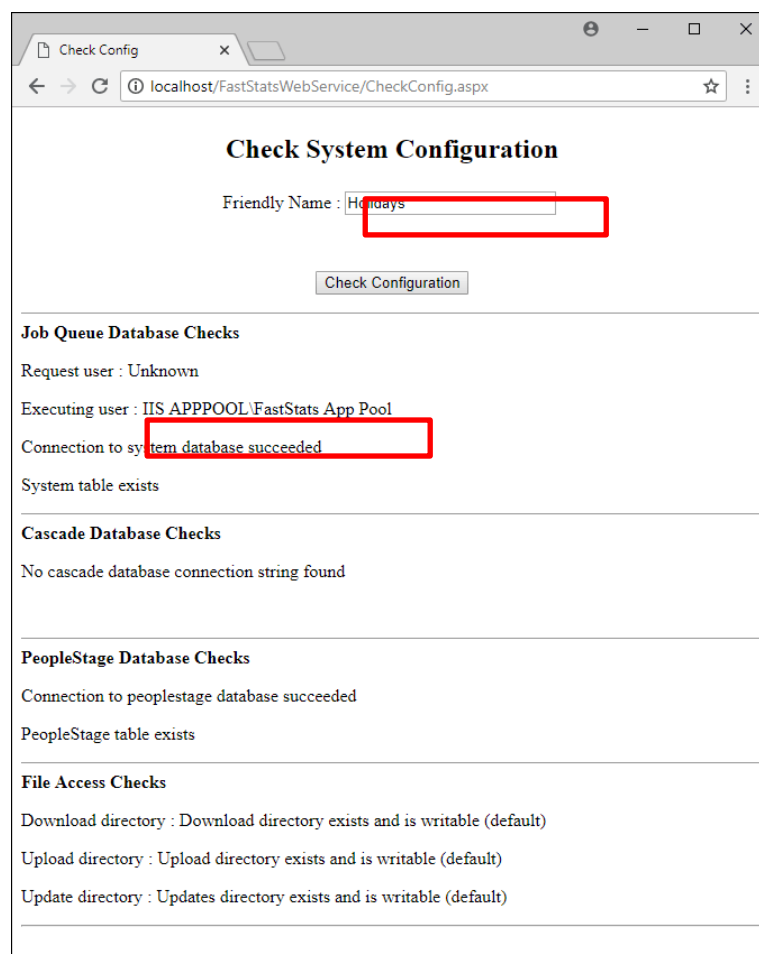
1. Click the **Check Config** button



This will return the **Check Config** screen.



Tip:
You may need to change localhost to the name of your web server system



Make a note of the “**Executing User**”. The example shows **IIS APPPOOL\FastStats App Pool**, the default setting.

7.4.4 Final Step – Running the Launcher

That was the final step and your FastStats installation is now complete.

If you have worked through this document you should now be able to connect to the website hosting the Launcher as you configured above, our example was:

- <http://MyWebserver\FastStats\Holidays\Launchpage.html>

Clicking on the **Download Apteco FastStats 64 bit Launcher Link** will download the **DiscovererLauncher64Setup.msi** to the user's machine.

Security Note:

As many systems now are protected against executing programs directly from the Internet the **recommendation is to save the file**, then go to the directory it was downloaded to and **execute it from there**.

This is because the download location is seen as a **trusted location** run from your machine rather than directly from the **Internet which can sometimes be blocked**.

Depending on the browser you may have to right click on the **Discoverer64LauncherSetup.msi** file that downloads and choose **Keep** preventing the system removing the file.

Download and run the launcher

The FastStats systems launches enabling you to log in...

Your default login credentials are:



- Username = [Administrator](#)
- Password = [password](#)

You will be prompted to change on first log in.

Make sure the Launcher is installed with admin rights. When a new version of the Binaries is available these can be downloaded and updated automatically without any user interaction.

Appendix A: Additional Tips

DiscovererLauncherSetup.msi installation notes

FastStats requires Microsoft .NET Framework v4.6.2 on the client machine.

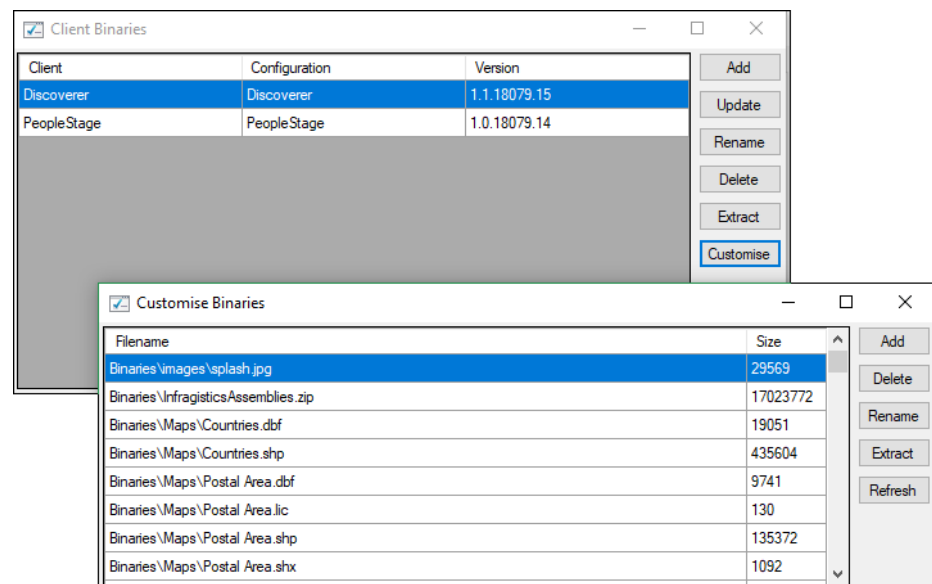
Ensure the Launcher is installed with admin rights. When a new version of the Binaries is available these can be downloaded and updated automatically without any user interaction.

Customer branding - Binaries customization

If you have changed any of the images in the binaries\images folder, for example for the branding of splash screens, you can add these files in the Binaries in the database.

To do this:

1. Open the **FastStats Configurator > Web Service > Discoverer Binaries**, choose your set of Binaries if you have more than one and click **Customise**



2. Click **Add** to add your customized files

Documentation.zip file

Please read the FastStats Troubleshooting Guide in the Documentation.zip file. Find details of how to retrieve server and client-side log files to enable you to get the details you need to be able to diagnose issues in the first instance or gain the information you need to pass this on to us as second line support.

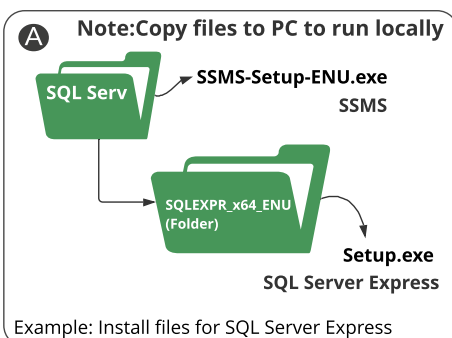


```
graph TD; A([Install SSMS]) --> B[Install SSMS]; B --> C[Welcome]; C --> D([Finish]);
```

The flowchart illustrates the steps of installing SQL Server Enterprise Manager (SSMS). It begins with a green oval labeled 'Install SSMS', followed by a white rectangle labeled 'Install SSMS' with a circled 'A' to its left. This is followed by a white rectangle labeled 'Welcome', and finally a green oval labeled 'Finish'. Arrows indicate the downward flow from one step to the next. To the right of the 'Welcome' step, there is a grey rectangle labeled 'Install'.



The candidate install machines need http port 80 opening between them to allow delegates to connect to each other's systems.



Example: Install files for SQL Server Express



Named instance:SQLExpress

- A Obtain the Install Files for SQL Server Express**
- B** The Windows firewall warning is, OK if on same PC
(Refers to using SQL remotely)
- C Make a Note of the Instance Name**
It is a combination of the server name followed by a unique name provided at the time of setting up SQL Server e.g. TDWIN10\SQLExpress
- D Make a note of the SQL Username and Password**
Add yourself using **Add Current User**

Type **Features** in the Start Menu and select the **Turn windows features on or off** from the Control Panel

Ensure the following features are enabled
Note: do not disable any other features as they may have been enabled for another reason

☒ ASP.NET 4.7

- ☐ HTTP Activation
- ☐ Message Queuing (MSMQ) Activation
- ☐ Named Pipe Activation
- ☐ TCP Activation
- ☒ TCP Port Sharing

Web Management Tools

- ☐ IIS 6 Management Console
- ☐ IIS 6 Scripting Tools
- ☐ IIS 6 WMI Compatibility
- ☒ IIS Metabase and IIS 6 configuration compatibility
- ☒ IIS Management Console
- ☐ IIS Management Scripts and Tools
- ☐ IIS Management Service

Application Development Features

- ☐ .NET Extensibility 3.5
- ☒ .NET Extensibility 4.7
- ☐ Application Initialization
- ☒ ASP
- ☐ ASP.NET 3.5
- ☒ ASP.NET 4.7
- ☐ CGI
- ☒ ISAPI Extensions
- ☒ ISAPI Filter
- ☐ Server-Side Includes
- ☐ Web Socket Protocol

- ☒ Default Document
- ☒ Directory Browsing
- ☒ HTTP Errors
- ☐ HTTP Redirection
- ☒ Static Content
- ☐ WebDAV Publishing

- ☐ Custom Logging
- ☒ HTTP Logging
- ☐ Logging Tools
- ☐ ODBC Logging
- ☐ Request Monitor
- ☐ Tracing

- ☐ Dynamic Compression
- ☒ Static Content Compression

- ☐ Basic Authentication
- ☐ Centralized SSL Certificate Support
- ☐ Client Certificate Mapping Authentication
- ☐ Digest Authentication
- ☐ IIS Client Certificate Mapping Authentication
- ☐ IP Security
- ☒ Request Filtering
- ☐ URL Authorization
- ☐ Windows Authentication

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