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PSIcapture Fusion Installation Quick Start Guide

Getting Started

Welcome to PSIcapture Fusion!

his Quick Start Guide is designed to help you through the process of installing PSIcapture Fusion on a machine where it has never before been installed. For additional information on features not covered in this guide please refer to the PSIGEN wiki at help.psigen.com. PSIGEN offers detailed hands on training with the PSIcapture Fusion software as well.

This guide covers Installation of PSIcapture Fusion 3.2.x. This guide assumes you have basic knowledge of Microsoft Windows.



PSIcapture Fusion Requirements

- Ensure your computer meets the minimum requirements
- You have DOWNLOADED v3.2.x of PSIcapture Fusion
- You have a current PSIcapture Fusion License Key
 - PSxxx-xxxxxxx Product Key

These <u>four</u> are the required components that we will walk you through how to install with this guide on *Windows Server* or *Windows 10*.

- 1. Microsoft .Net 4.x
- 2. Microsoft SQL Server Express 2019
- 3. Microsoft SQL Server Management Studio 18.x
- 4. PSIcapture Fusion 3.x
- 5. Training Prep Walkthrough Guide (Required for Training)

System Requirements

Component	Minimum Requirement	Recommended Specification
Processor	1.0 GHz Dual-Core Processor	2.0 GHz Dual-Core Processor or better
RAM	1 GB RAM	2 GB RAM
HDD	2 GB free disk space	4 GB free disk space ²
Video	Super \	VGA (1366 x 768) or higher resolution

Hardware Requirements Software Requirements

Component	Minimum Requirement Recommended Specification					
Operating System	 Desktop Class: Windows 8-Wind Server Class: Windows Server 2 	lows 10 (x86/64) 012R2 – Windows Server 2019				
Framework	Microsoft .NET Framework Versi	on 4.6 or later				
Webserver Microsoft IIS 7.0 ³ Microsoft IIS 7.5						
Database	Microsoft SQL Server 2012SP3 - 2019 (Standard / Express)					

Unsupported Platforms

PSIcapture Fusion is not supported on:

- Apache HTTP Web Server, nginx, and other open-source web server software platforms
- Oracle, sqlite or similar serverless databases

Support for these is not planned at this time.

NOTES

- 1. PSIcapture Fusion is supported for both 32-bit and 64-bit platforms. We recommend, but do not require, a 64-bit server platform for optimum performance.
- 2. This amount of disk space is generally required for the operating system and framework, and their updates. More may be required depending on the operating system version, and more disk space will be required for storage of scanned documents.
- 3. Microsoft Internet Information Services (IIS) will not serve a web application to more than 10 concurrent users when running on a non-server operating system.

PSIcapture Fusion will only be supported on non-server operating systems for demonstration purposes.

Installing Prerequisites

Introduction

This section of the guide provides resources to assist you in preparing your server to host the PSIcapture Fusion application.

Microsoft .NET Framework

The PSIcapture Fusion installer will install or update the .NET Framework installation on your server. However, if you wish to install the latest version of the framework manually you may use the links below to do so.

The following link will download the installer for the framework directly:

https://support.microsoft.com/en-us/help/4503548/microsoft-netframework-4-8-offline-installer-for-windows

Installing SQL Server Express

Download for SQL Server Express 2019 can be found here:

https://www.microsoft.com/en-us/sql-server/sql-server-downloads

Installing SQL Server Management Studio

Download and installation instructions for SQL Server Management Studio can be found here:

https://docs.microsoft.com/en-us/sql/ssms/download-sql-servermanagement-studio-ssms?view=sql-server-ver15 Installation and Configuration of OS Requirements

Microsoft .NET Framework 4.8.x

Download the Microsoft .NET Framework 4.8.x Package Using the link provided above



The Microsoft .NET Framework 4.8.x Setup file is roughly 115 MB. When using a broadband connection, you should be able to download it in around 1-5 minutes.

Installation

Right click the installation file and select Run as administrator



If Microsoft .NET Framework 4.8.x or newer is already present on the machine the installation will end



If Microsoft .NET Framework 4.8.x is missing from the system, click to accept the license terms and continue through prompts to finish installation.

🖥 Mic	rosoft .NET Framework	-			\times
	.NET Framework 4.8 Setup Please accept the license terms to continue.				
	MICROSOFT SOFTWARE SUPPLEMENTAL LI	CENSE T	ERMS	^	
	NET FRAMEWORK AND ASSOCIATED LANG	UAGE P# /STEM	CKS	1	
	Microsoft Corporation (or based on where you live affiliates) licenses this supplement to you. If you use Microsoft Windows operating system software "software"), you may use this supplement. You m you do not have a license for the software. You m supplement with each validly licensed copy of the	e, one of i are licens e (the ay not us ay use th software	its ed to e it if is		
	The following license terms describe additional us supplement. These terms and the license terms for \Box I have read and accept the license terms.	e terms for the soft	or this ware	•	
	For data collection information, read the Microsoft Privacy Sta	atement.			
	[Install		Cance	el

-		×
	Fini	sh
	-	- D

If prompted click Restart Now

Microsoft .NET	Framework		
You must r Restart Lat working.	estart your computer to co er, applications dependent	omplete the installation. If you cho on .NET Framework may stop	ose
	Restart Now	Restart Later	

SQL Server Express

Install the Microsoft SQL Server 2019 Express Package (SQLServer2019-SSEI-Expr) using the link above



The SQL Server Express Setup file is roughly 800 MB. When using a broadband connection, you should be able to download it in around 5-10 minutes.

Installation

Right click and Run SQLServer2019-SSEI-Expr as Administrator



Select Yes to UAC prompt



Select the Custom Install



Accept the install path and click Install



Installer will download installation package



Once SQL Server Installation Center opens, select New SQL Server standalone installation



SQL Server Express will extract appropriate setup files and run preliminary system checks. If any issues are present, address and re-run installation



Check the box next to I accept license terms and click Next

🐮 SQL Server 2019 Setup	- 0	×
License Terms To install SQL Server 2019, y	ou must accept the Microsoft Software License Terms.	
License Terms Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2019 EXPRESS These license terms are an agreement between you and Microsoft Corporation (or one of its affiliates). They apply to the software named above and any Microsoft services or software updates (except to the extent such services or updates are accompanied by new or additional terms, in which case those different terms apply prospectively and do not alter your or Microsoft's rights relating to pre-updated software or services). IF YOU COMPLY WITH THESE LICENSE TERMS, YOU HAVE THE RIGHTS BELOW. BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS, IF YOU DO NOT ACCEPT THEM, DO NOT USE THE SOFTWARE. IMPORTANT NOTICE: AUTOMATIC UPDATES TO PREVIOUS VERSIONS OF SQL SERVER. If this software is installed on servers or devices running any supported editions of SQL Server	*
	Copy Pri Copy Pri Copy Pri SQL Server transmits information about your installation experience, as well as other up performance data, to Microsoft to help improve the product. To learn more about da privacy controls, and to turn off the collection of this information after installation, set documentation.	ec
	< Back Next > Cancel	

If the Microsoft Update screen is displayed check the box to "Use Microsoft Update" and click Next>

📸 SQL Server 2019 Setup		-		×
Microsoft Update				
Use Microsoft Update to check	for important updates			
License Terms	Microsoft Update offers security and other important updates for Windows and	other Mic	rosoft	
	software, including SQL Server 2019. Updates are delivered using Automatic Up the Microsoft Update website.	dates, or y	ou can vi	sit
Check	Use Microsoft Update to check for updates (recommended)			
install Secup Files	Microroft Lodate EAO			
Install Rules	Microsoft Update PAG			
Feature Selection	Microsoft Opdate Privacy Statement			
Feature Rules				
Installation Progress				
Complete				
comprete				
			~	
			Se	lect
		5		
	< Back Nex	t>	Cancel	1

SQL Server Express will check for pre-requisites, address any warnings that it reports

髕 SQL Server 2017 Setup				_	- □) ×
Global Rules						
Setup Global Rules identify p corrected before Setup can c	problems t continue.	hat might occur when you install SQL Server Setup su	pport files. F	ailures must be		
License Terms	Oper	ration completed. Passed: 9. Failed 0. Warning 0. Sk	ipped 0.			
Global Rules						
Microsoft Update						
Product Updates	Hic	le details <<				Re-run
Install Setup Files	View	detailed report				
Install Rules		Pula		Statur		
Feature Rules		Setup administrator		Passed		
Feature Configuration Rules		Setup account privileges		Passed		
Installation Progress		Restart computer		Passed		
Complete		Windows Management Instrumentation (WMI) service		Passed		
		Consistency validation for SQL Server registry keys		Passed		
		Long path names to files on SQL Server installation me	edia	Passed		
		SQL Server Setup Product Incompatibility		Passed		
		.NET 2.0 and .NET 3.5 Service Pack 1 update for Windo	ws 2008	Passed		
		Edition WOW64 platform	1	Passed		
			< Back	Next >	Ca	ancel

The installer will present a list of Features. Uncheck Machine Learning Services and leave the remaining defaults and select **Next**

Feature Selection Select the Express features to in	- L X	
Install Rules Feature Selection Easture Rules Uncheck Database Engine Configuration Feature Configuration Rules Installation Progress Complete	 Looking for Reporting Services? <u>Download it from the web</u> Features: Features: Instance Features: SQL Server Replication SQL Server Replication SQL Server Replication Python Java Full-Text and Semantic Extractions for ser PolyBase Query Service for External Data Java connector for HDFS data sources Third Configuration and operation of each instance features: Already installed: Windows PowerShell 3.0 or higher Microsoft Visual C++ 2017 Redistributable Disk Space Requirements Dirve C: 1736 MB required, 40752 MB available 	
	Select All Unselect All Instance root directory: C:\Program Files\Microsoft SQL Server\ Shared feature directory: C:\Program Files\Microsoft SQL Server\ Shared feature directory (x86): C:\Program Files (x86)\Microsoft SQL Server\ Selex	ect

On the Instance Configuration window change the instance name to **Fusion** and click **Next**

髋 SQL Server 2019 Setup					-		×
Instance Configuration	n						
Specify the name and instance	ID for the instance of S	QL Server. Instance	ID becomes part of t	the installation path.			
Install Rules	O Default instance						
Feature Selection Feature Rules	Named instance:	Fusion					
Instance Configuration Server Configuration Database Engine Configuration	Instance ID:	FUSION					
Feature Configuration Rules Installation Progress	SQL Server directory:	C:\Program Files\	Microsoft SQL Server	MSSQL15.FUSION			
Complete	Installed instances:						
	Instance Name	Instance ID	Features	Edition	Ver	sion	
					_		
						Se	elect
					7		
	1			< Back Next >		Cancel	

Server Configuration will display Windows Service Accounts responsible for running SQL. Set the SQL Server Browser to **Automatic** and select **Next**

🚼 SQL Server 2019 Setup				- 0	×	
Server Configuration						
Specify the service accounts and	d collation configuration.					
Install Rules	Service Accounts Collation					
Feature Selection Feature Rules	Microsoft recommends that you use	a separate account for each	SQL Server serv	rice.		
Instance Configuration	Service	Account Name	Password	Startup Type		<u> </u>
Server Configuration	SQL Server Database Engine	NT Service\MSSQL\$FUSI		Automatic	~	Select
Database Engine Configuration	SQL Full-text Filter Daemon Launc	NT Service\MSSQLFDLa		Manual		
Feature Configuration Rules	SQL Server Browser	NT AUTHORITY\LOCAL		Disabled		
Installation Progress				Automatic		
Complete	Grant Perform Volume Maintenan	ce Task privilege to SQL Ser	ver Database En	Ingine Disabled		
	This privilege enables instant file i	nitialization by avoiding zer	oing of data pag	ges. This may lead		
	to information disclosure by allow	ing deleted content to be ad	ccessed.			
	Click here for details					
					Select	
				5		

Note: Document any SQL Administrator password entered that is different from the default listed in this guide. The Database Engine Configuration screen will allow us to establish credentialing for PSIcapture Fusion's connection to the database. Set the Authentication Mode to **Mixed** which will allow SQL Authentication or Windows Authentication. Also specify the SQL Administrator (sa) password as **Admin-01**.

🐮 SQL Server 2019 Setup	-		×
Database Engine Conf Specify Database Engine authe parallelism, Memory limits, and	iguration Intication security mode, administrators, data directories, TempDB, Max degree of Filestream settings.		
Install Rules Feature Selection Feature Rules Instance Configu Select	Server Configuration Data Directories TempDB Memory User Instances FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode Image: Control of Cont		
Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	O Windows authentication mode Mixed Mode (SQL Server authentication and Windows authentication) Specify the password for the SQL Server system administrator (sa) account. Enter password: Confirm password: Specify SQL Server administrators	Adr	min-0
	PSICAPTUREFUSIO\mattcason (mattcason) SQL Server administratori SQL Server administratori unrestricted access to the Engine. Add Current User Add	bave Database	≞ :t
	< Back Next >	Cance	el

If logged in as local Administrator, we can choose to "Add Current User" if it is not already populated. The installation will begin (may take up to 15 minutes)

🏗 SQL Server 2019 Setup	-		×
Installation Progress			
Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Install_sql_tools_extensions_Cpu64_Action : WriteRegistryValues. Writing system registry va	lues	
	Next >	Cance	el

Once the Complete screen appears click **Close.** If prompted to reboot, please reboot now

SQL Server 2019 Setup Complete Your SQL Server 2019 installa	tion completed successfully with product upd	ates.	- 0	×	
Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Feature Configu Installation Prog Complete	Information about the Setup operation or Feature Fail-Text and Semantic Extractions for Database Engine Services SQL Server Replication rt required more affected files have operations pending. Y is is completed.	possible next steps: Status Search Succeeded Succeeded Succeeded	e setup	~	
Copy mess	Summary log file has been saved to the for <u>C\Program Files\Microsoft SQL Server\15</u> \Summary MATICASON2069_20200901	Illowing location: 10\Setup Bootstrap\Log\20200901 112249.txt	ок	Ş	Select

Close SQL Server Installation Center

📸 SQL Server Installation Center	- • ×
Planning Installation Maintenance Tools Resources	New SQL Server stand-alone installation or add features to an existing i Intervention Launch a wizard to install SQL Server 2019 in a non-cluster Close o add Features to an existing SQL Server 2019 instance. Install SQL Server Reporting Services Launch a download page that provides a link to install SQL Server Reporting Services. An internet connection is required to install SSRS.
Options	Install SQL Server Management Tools Launch a download page that provides a link to install SQL Server Management Studio, SQL Server command-line utilities (SQLCMD and BCP), SQL Server PowerShell provider, SQL Server Profiler and Database Tuning Advisor. An internet connection is required to install these tools.
	Install SQL Server Data Tools Launch a download page that provides a link to install SQL Server Data Tools (SSDT). SSDT provides Visual Studio integration including project system support for Microsoft Azure SQL Database, the SQL Server Database Engine, Reporting Services, Analysis Services and Integration Services. An internet connection is required to install SSDT.
	Upgrade from a previous version of SQL Server Launch a wizard to upgrade a previous version of SQL Server to SQL Server 2019. Click here to first view Upgrade Documentation
Microsoft SQL Server 2019	

SQL Configuration

Open the SQL Server Configuration Manger

Windows 10: Start>Microsoft SQL Server 2019>SQL Server Configuration manager, accept UAC Prompt

Or

Enter "SQL Server Configuration Manager" in Windows Search



Windows Server 2019: From Start screen, select the SQL Server 2019 Configuration Manager, accept UAC prompt

	Μ	
	Microsoft Office Tools	
	Microsoft Silverlight 🗸 🗸	
	Microsoft SQL Server 2019 ^ New	
	SQL Server 2019 Configuration New	
	SQL Server 2019 Error and Use New	
	SQL Server 2019 Import and I New	Select
	SQL Server 2019 Import and Exp New	
	SQL Server 2019 Installation Cen New	
8	Microsoft Teams	
ŝ	0	
	CneDrive	
Φ	OneNote 2016	
	A 🗆 🥭 📃 🎯	

Once SQL Server Configuration Manager opens, expand SQL Native Client 11.0 Configuration (32bit) and verify **all** Client Protocols are enabled

🚟 Sql Server Configuration Manager

File Action View Help			
🗢 🔿 🖄 🗔 🕢 🔒 🛛			
SQL Server Configuration Manager (Local)	Name	Order	Enabled
SQL Server Services SQL Server Network Configuration (22bit)	🗿 Shared Memory	1	Enabled
SOL Server Network Configuration (32bit)	TCP/IP	2	Enabled
Solicitative client 11.0 configuration (52bit) Solicitative client 11.0 configuration (52bit) Solicitative client 11.0 configuration (52bit)	🗿 Named Pipes	3	Enabled
🚇 Aliases			
J SQL Server Network Configuration			
SQL Native Client 11.0 Configuration			
 SQL Native Client 11.0 Configuration (32bit) Client Protocols Aliases SQL Server Network Configuration SQL Native Client 11.0 Configuration 	3 Named Pipes	3	Enabled

Expand SQL Server Network Configuration and verify **all** Protocols for SQLEXPRESS are enabled



Expand SQL Native Client 11.0 Configuration and verify all Client Protocols are enabled

🚟 Sql Server Configuration Manager			
File Action View Help			
<table-cell-rows> 🔿 🖾 🖾 🖾</table-cell-rows>			
SQL Server Configuration Manager (Local)	Name	Order	Enabled
SQL Server Services	Shared Memory	1	Enabled
SQL Server Network Configuration (32bit)	TCP/IP	2	Enabled
SQL Native Client 11.0 Configuration (32bit)	👔 Named Pipes	3	Enabled
 SQL Native Client 11.0 Configuration 			
🚑 Client Protocols			
💐 Aliases			

☆ Note: To enable an item: rightclick desired protocol select enable. Select OK on Warning message related to restarting the service. Select SQL Server Services then right click SQL Server (SQLEXPRESS) and select Restart



SQL Server Express installation and configuration complete, close Manager

SQL Server Management Studio

Install the Microsoft SQL Management Studio (SSMS-Setup-ENU)



The SQL Server Management Studio application allows you to manage your databases.

Installation

Right click and Run SQLServer2019-SSEI-Expr as Administrator



Accept the default installation location and select Install



Installation will take a few minutes



If prompted to Restart click to Restart otherwise click Close.



Internet Information Services (IIS)

These instructions are assuming that no previous installations of IIS exist on the server.

Windows Server 2019

From the Server Manager Dashboard, select Add roles and features



☆ Note:
 If installing PSIcapture
 Fusion on a Windows
 10 system, please
 jump to page 28

Verify the Before you begin items have been addressed and click Next



Select Role-based or feature-based installation and click Next



Leave default entries on the Select destination server screen and click Next

L Add Roles and Features Wizard				-		×
Select destination	server			DESTIN PS	ATION SER IcaptureFu	VER sion
Before You Begin Installation Type Server Selection Server Roles Features	Select a server or a virtu Select a server from Select a virtual hard Server Pool Filter	al hard disk on which the server pool disk	to install roles and features.			
Confirmation Results	Name	IP Address	Operating System			
	PSIcaptureFusion 1 Computer(s) found This page shows servers and that have been add	10.211.55.25	Microsoft Windows Server	2019 Standard	<u>.</u>	r.
	newly-added servers fro	om which data collection	vious Next >	Install	Cance	el

From the Select server roles screen, check Web Server (IIS)



Select Add Features for the Management Tools pop up



Select Next on Select Server Roles

La Add Roles and Features Wizard		- 🗆 X
Add Roles and reatures wizard Select server role Before You Begin Installation Type Server Selection Server Roles Features Web Server Role (IIS) Del Contine	S Select one or more roles to install on the selected server. Roles Active Directory Certificate Services Active Directory Domain Services Active Directory Federation Services Active Directory Fights Management Services Active Directory Rights Management Services Device Health Attestation	DESTINATION SERVER PSIcaptureFusion Description Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.
Role Services Confirmation Results	DHCP Server DNS Server Fax Server Fax Server Fax Server Fax Server Fax Server File and Storage Services (1 of 12 installed) Host Guardian Service Hyper-V Network Policy and Access Services Print and Document Services Remote Desktop Services Volume Activation Services Volume Activation Services Volume Activation Services Windows Deployment Services Windows Server Update Services	Select
	< Previous Nex	t > Install Cancel

In the Select Features tab expand .Net Framework 4.7 Features, expand WCF Services and enable HTTP Activation.

La Add Roles and Features Wizard			- 🗆 ×
Select features			DESTINATION SERVER PSIcaptureFusion
Before You Begin	Select one or more features to install on the selected server.		
Installation Type	Features	Description	
Server Selection	NET Framework 2.5 Featurer	HTTP Activation	supports process
Server Roles	▲ ■ .NET Framework 4.7 Features (2 of 7 installed)		Applications that
Features	.NET Framework 4.7 (Installed) ASP NET 4.7	Select	response to work
Web Server Role (IIS)	▲ WCF Services (1 of 5 installed)	items that arrive	over the network
Role Services	HTTP Activation Message Queuing (MSMQ) Activation	VIA HTTP.	
Confirmation	Named Pipe Activation		
Results	TCP Activation		
	Background Intelligent Transfer Service (BITS)		
	BitLocker Drive Encryption		
	BranchCache		
	Client for NFS		
	Containers		
	Direct Play		
	Enhanced Storage		
	< >		
	< Previous Next :	> Insta	all Cancel

In the feature's popup select add and click Next.



Review notes presented on the Web Server Role (IIS) screen and click Next

📙 Add Roles and Features Wizard		-		×
Web Server Role	(IIS)	DESTINA PSIc	TION SERV captureFus	'ER on
Before You Begin Installation Type Server Selection Server Roles Features	Web servers are computers that let you share information over the Internet, or thro extranets. The Web Server role includes Internet Information Services (IIS) 10.0 with diagnostic and administration, a unified Web platform that integrates IIS 10.0, ASP. Communication Foundation.	ugh intra enhance NET, and	anets and ed securit Window	y, s
Web Server Role (IIS) Role Services Confirmation Results	 The default installation for the Web Server (IIS) role includes the installation of rc enable you to serve static content, make minor customizations (such as default d errors), monitor and log server activity, and configure static content compression 	Ile service locument	es that ts and HT	ΤP
	More information about Web Server IIS	lect		
	< Previous Next > Inst	all	Cance	I

The Select role services window will open



Enable the following options (leaving default selections in place)

Under Security

- 1. Basic Authentication
- 2. Digest Authentication
- 3. Windows Authentication
- ▲ ✓ Security

\checkmark	Request Filtering
	Basic Authentication
	Centralized SSL Certificate Support
	Client Certificate Mapping Authentication
-	Digest Authentication
	IIS Client Certificate Mapping Authentication
	IP and Domain Restrictions
	URL Authorization
	Windows Authentication

Expand Application Development

Application Development

Under Application Development Check to make sure ASP.NET 4.7 is checked



Click Next to continue installation

From the Confirm installation selections window, check option to Restart the destination server automatically if required

Confirm installat	ion selections	DESTIN	ATION SER SicaptureFu	(VER usion
Before You Begin	To install the following roles, role services, or features on selected server, or	click Install.		
Installation Type	Restart the destination server automatically if required			
Server Selection	Optional features (such as administration tools) might be displayed on thi	is page because t	hey have	
Server Roles	been selected automatically. If you do not want to install these optional fe	eatures, click Prev	vious to cl	lear
Features	their check boxes.			
Web Server Role (IIS)	.NET Framework 4.7 Features			^
Role Services	ASP.NET 4.7			
Confirmation	WCF Services			
Describe	HTTP Activation			
	Web Server (IIS)			
	Management Tools			
	IIS Management Console			
	Web Server			
	Application Development			
	ASP.NET 4.7			
	ICAPI Extensions			v
	Export configuration settings			
	Specify an alternate source path	Č.,		
				_

Click Install

🌄 Add Roles and Features Wizard		-		\times
Installation progre	255	DESTINA PSic	TION SERV captureFus	'ER ion
Before You Begin	View installation progress			
Installation Type	() Feature installation			
Server Selection Server Roles	Installation started on PSIcaptureFusion			
Features Web Server Role (IIS) Role Services	.NET Framework 4.7 Features ASPNET 4.7 WCF Services HTTP Activation			^
Results	Web Server (IIS) Management Tools IIS Management Console Web Server Application Development			
	ASPNET 4.7 ISAPI Extensions Vou can close this wizard without interrupting running tasks. View task prog page again by clicking Notifications in the command bar, and then Task De Export configuration settings	gress or o tails.	pen this	~
	< Previous Next > Cla	se	Cance	I

Click Close button once the installation is complete

View installation progress	
i Feature installation	
Installation succeeded on PSIcaptureFusion.	

25

From the Server Manager Dashboard, select the Tools menu, then Internet Information Services (IIS) Manager

<u> </u>	Server Manager	
Server Ma	anager 🔸 IIS 🛛 🔹 🕄 🛛 🖌 Manage	Tools View Help
 Dashboard Local Server 	SERVERS All servers 1 total	Component services Computer Management Defragment and Optimize Drives Event Viewer
All Servers File and Storage Services ▷	Filter P (H) • (H) • Server Name IPv4 Address Manageability	Internet Information Services (IIS) Manager iSCSI Initiator Local Security Policy
	WIN-54G493TSUF0 192.168.1.95 Online - Performance count	er ODBC Data Sources (32-bit) ODBC Data Sources (64-bit) Performance Monitor
		Resource Monitor Security Configuration Wizard

From the Connections menu, expand until Default Web Site is viewable. Select Default Web Site



If Microsoft Web Platform message opens, click Do not show this message and select No

Internet Information Services (IIS) Manager
Do you want to get started with Microsoft Web Platform to stay connected with latest Web Platform Components?
✓ Do not show this message.
Yes No Cancel



If installed correctly the web browser will display the IIS Home Screen



Windows 10

Open Windows 10 Control Panel by typing "Control Panel" in the Windows search box

All Apps Documents Web	More 👻
Best match	
Control Panel App	
Apps	
Settings	>
Settings	
🔜 System	>
Taskbar notification area	>
③ See if you have a 32-bit or 64-bit version of Windows	>
Search the web	
∽ control panel - See web	inter Text Here

Select Programs



From the top, select Turn Windows features on or off

🛐 Programs						-	×
$\leftarrow \rightarrow \checkmark \uparrow$	👸 👂 Control Panel	> Prog	grams »	~	Ü	Search Control Panel	<i>م</i>
Control Panel System and S Network and	Home ecurity Internet		Programs and Feat Uninstall a program	Turn Turn	Windov s versic	ws features on or off View installed updates ons of Windows — How to install a program	

From Windows Features, enable the following (Graphics are below)

- 1. .NET Framework 4.7 Advanced Services
 - a. WCF Services
 - i. HTTP Activation
- 2. Internet Information Services
 - a. Web Management Tools
 - i. IIS Management Console
 - b. World Wide Web Services
 - i. Application Development Features
 - 1. ASP .NET 4.7
 - 2. Auto selected after checking ASP .NET 4.7
 - a. .NET Extensibility 4.7
 - b. ISAPI Extensions
 - c. ISAPI Filters
 - ii. Common HTTP Features
 - 1. HTTP Errors
 - 2. Static Content
 - c. Security
 - i. Basic Authentication
 - ii. Digest Authentication
 - iii. Windows Authentication



Scroll down and select the following

🔃 Windows Features	-		×
Turn Windows features on or off			?
To turn a feature on, select its check box. To tur box. A filled box means that only part of the fea	n a feature off, cle ature is turned on.	ar its cheo	ck
 Internet Information Services FTP Server Web Management Tools IIS 6 Management Compatibility IIS Management Console IIS Management Service IIS Management Service IIS Management Service World Wide Web Services Application Development Feature Application Initialization ASP ASP.NET 3.5 ISAP.NET 4.8 CGI ISAPI Extensions ISAPI Filters Server-Side Includes WebSocket Protocol 	V ols res		<
	ОК	Canc	el
🔃 Windows Features	_		×
Turn Windows features on or off			?
To turn a feature on, select its check box. To tur	n a feature off. cle		
box. A filled box filearis that only part of the fee	ture is turned on.	ar its chee	ck
WebSocket Protocol WebSocket Protocol Orectory Browsing HTTP Errors HTTP Redirection WebDAV Publishing Health and Diagnostics WebDAV Publishing Berformance Features Security Basic Authentication Client Certificate Mapping IIS Client Certificate Mapping IIS Client Certificate Mapping IIS Client Certificate Mapping IIP Security Request Filtering URL Authorization Windows Authentication	upport uthentication g Authentication	ar its cheo	ck



÷	👿 Windows Features	×
	Applying changes	

Click Close once complete

←	Windows Features	×
	Windows completed the requested changes	Select
	windows completed the requested changes.	
		Close

Click on Start icon and type IIS



From the Connections menu, expand until Default Web Site is viewable. Select Default Web Site

Connections
2
V STOP-V801CQC (DESKTOP-V801CQC (DESKTOP-V801CQC) (DESKTOP-V801CQC (DESKTO
🗸 🧕 Sites
🚽 🈔 Default Web Site

From the Actions menu on the right, click on Browse *:80 (http)



If installed correctly the web browser will display the IIS Home Screen



Install PSIcapture Fusion

Download the PSIcapture Fusion Installer

As of the creation of this guide, the latest version of the PSIcapture Fusion software is available at this location

http://downloads.psigen.com/PSIcapture.Fusion.Setup.3.2.zip



The PSIcapture Fusion Setup file is roughly 100 MB. When using a broadband connection, you should be able to download it in around 5 minutes.

Extract all files from the installation zip folder



vame ^		Date modified	Туре		Size
PSIcapture Fusion.Setup.3.2.25.0		7/1/2020 4-01 PM	Application		113,158 KB
		Open			
	•	Run as administrati	or		
		Troubleshoot comp	patibility		
		Pin to Start			
		7-Zip		>	
		CRC SHA		>	
	B	Share			
		Share on		>	
		Give access to		>	
		Pin to taskbar			
		Restore previous v	ersions		
		Send to		>	
		Cut			
		Сору			
		Create shortcut			
		Delete			
		Rename			

Right click on the extracted installation file and go to Properties

Check the option to Unblock the file and click OK

Attributes:	Read-only Hidden	Advanced
Security:	This file came from another computer and might be blocked to help protect this computer.	Unblock
	OK Cancel	Apply

Right click on the installation file and select Run as administrator



If UAC is enabled on the system, click Yes to allow the installation to continue

unknown publisher to r	make changes to your	
device?		
PSIcanture Eusion Setun 3	2 26 0 exe	
Sicapture rusion.setup.s	.2.20.0.CAC	
Publisher: Unknown File origin: Hard drive on this cor	muter	
ine origin. That's drive on this cor	ipace	
Show more details		
Yes	No	

A Prerequisites Wizard will launch to install missing items that are required for PSIcapture Fusion, Click Next



Click Next to allow the wizard to download and install the missing items



Following the wizard, the PSIcapture Fusion installation will launch.

Check the box to agree to the license terms and conditions and click Install



∗ ₽SI capture Fusion
Please wait while the Setup Wizard installs PSIcapture Fusion. This may take several minutes. Status:
Generating actions to create user accounts on the local computer



Open the Deployment Manager by right clicking and selecting Run as administrator



Click Add Deployment from the bottom of the screen



🎐 PSIcapture Fusion - Dep	loyment Manager	- 🗆 ×
Fusion	Deployment Name 🕕	
	Fusion	
	Deployment Path 🕕	
	C:\ProgramData\PSIGEN\Fusion\Deployments\Fusion	Browse
	SQL Server Connection String 🕡	
	Product Key 🗊	Test
	Save	Cancel
		Ì

Enter a name for the deployment by overwriting "New Deployment"

Configure the SQL Server Connection String

Server=localhost\FUSION;Database=Fusion;User Id=sa;Password=Admin-01; *Note if you used a different SQL SA password you will need to adjust the above string

🎐 PSIcapture Fusion - Depl	oyment Manager – \Box ×
Fusion	Deployment Name 🕡
	Fusion
	Deployment Path 🕕
	C:\ProgramData\PSIGEN\Fusion\Deployments\Fusion Browse
	SQL Server Connection String 🕕
	Server=localhost\FUSION;Database=Fusion;User Id=sa;Password=Admin-01; Test Product Key 🕢 License Install Offline License
	Save Cancel
	3

Click Test button to verify connection

Connection Succeeded	×	
The database connection was successful		
ОК		

Click the License button

Product Key 🥡	
	License

Enter your contact information as well as the provided Product Key and click Submit

License Registration ×								
Please complete the following registration form. End user information is collected to improve our license management and support services. All information collected will only be used for internal purposes, and will not be shared with any third party.								
General Information								
PS								
Matt Cason	Phone							
PSIGEN Software Inc.	Email	matt.cason@psigen.com						
	Website							
	State/Province							
	Zip/Postal Code							
	Country							
Generate Offline Request	Email License To:							
		Submit Cancel						
	ion following registration form. End user inf s. All information collected will only be u View our Pr n PS Matt Cason PSIGEN Software Inc. Generate Offline Request	ion following registration form. End user information is collecte s. All information collected will only be used for internal pur View our Privacy Policy n PS Matt Cason Phone PSIGEN Software Inc. Email Website State/Province Zip/Postal Code Country Generate Offline Request Email License To:						

Save the Deployment

🄗 PSIcapture Fusion - Depl	oyment Manager – \Box ×
Fusion	Deployment Name 🛈
	Fusion
	Deployment Path 🕕
	C:\ProgramData\PSIGEN\Fusion\Deployments\Fusion Browse
	SQL Server Connection String 🕕
	Server=localhost\SQLEXPRESS;Database=Fusion;User Id=sa;Password=Admin-01; Saving Deployment Test Product Key PSDFNB-AEARCRCKBXY License Install Offline License
	Save Cancer

Click on the deployment to review licensing returned from activation

🎐 PSIcapture Fusion - Depl	loyment Manager	– 🗆 ×
Fusion	Deployment Name 🛈	
	Fusion	
	Deployment Path 🕕	
	C:\ProgramData\PSIGEN\Fusion\Deployments\Fusion	
	SQL Server Connection String 🕡	
	Server=localhost\SQLEXPRESS;Database=Fusion;User Id=sa;Password=Admin-01;	
	Product Key i PSD Licensed Users: 10	
	Maintenance Expiration: 12/31/2022 Days Remaining:	908
		Edit
		Ì

Close Deployment Manager by clicking the X in the top right corner

Return to the Internet Information Services (IIS) Manager

Wi	ndo	ws 10)	
All	Apps	Documents	Web	More 🔻
Best m	natch			
4	Internet Manage App	Information S r	ervices (I	IS)
Search	the web			
Рii	s - See web	o results		>
Рii	s crypto			>
Рii	snode			>
Рii	sc			>
Рii	superwor	manii		>
,Р іі	sreset			>
,Р ii	s radio			>
Рii	sd			>
Рii	s			

Windows Server 2019

🏊 Server Manager				– 🗆 ×
Server M	anager • Dashboard	• 🗊 🚩 Manage	Tool	ls View Help
\bigcirc	5			Component Services
WELCOME TO SERVER MANAGER				Computer Management
Dashboard	H Dashboard			
Local Server			-	Disk Cleanup
All Servers	All Servers Dentify and Storage Services			
File and Storage Services				
	OLUCK START			iSCSI Initiator
IS 115	QUICK START			Local Security Policy
	2 Add roles and feature	?S		Minnesoft Amore Consistent

Expand the Connections tree and select Application Pools. From the available Application Pools, select PSIcapture Fusion – "Deployment Name". Click the Advanced Settings option from the Actions menu on the right

💐 Internet Information Services (IIS) Manage	er						- 0 ×
← → Ø PSICAPTUREFUSIO →	Application Pools						😐 🖂 🙆 •
File View Help							
Connections	Application Pools This page lets you view and manage the list of application pools on the server. Application pools are associated with worker processes, contain one or more applications, and provide isolation among different applications.						Actions Add Application Pool Set Application Pool Defaults Application Pool Tasks Start
	Name NET v4.5 DefaultAppPool PSIcapture Fusion - Fusion	Status .NET Started v4.0 Started v4.0 Started v4.0 Started v4.0	CLR V Managed Pipel Integrated Classic Integrated Integrated	Identity ApplicationPoolld ApplicationPoolld PSICAPTUREFUSI	Applications 0 0 1		Stop Stop Carlot Stop Stop Stop Stop Stop Stop Stop St

Verify that Enable 32-Bit Applications is set to True and the Identity is listed as Computer Name\Fusion

	(General)		
	.NET CLR Version	v4.0	
	Enable 32-Bit Applications	True	\sim
	Managed Pipeline Mode	Integrated	
	Name	PSIcapture Fusion - Fusion	
	Queue Length	1000	
	Start Mode	OnDemand	
~	CPU		
	Limit (percent)	0	
	Limit Action	NoAction	
	Limit Interval (minutes)	5	
	Processor Affinity Enabled	False	
	Processor Affinity Mask	4294967295	
	Processor Affinity Mask (64-bi	it c 4294967295	
~	Process Model		
>	Generate Process Model Event	t L	
	Identity	PSICAPTUREFUSIO\Fusion	
	Idle Time-out (minutes)	20	
	Idle Time-out Action	Terminate	

Click OK

Expand the Sites folder under Connections, highlight PSIcapture Fusion – "Deployment Name" then select Browse *:8080 (http) from the Actions menu



PSIcapture Fusion ×	+	- 🗆 ×
\leftarrow \rightarrow C () localhost:8080		• 🕸 🖰 :
	PSIcapture FUSION	
	Username Administrator	
	Password	
	Login	
C	2020 - PSIGEN Software, Inc. v 3.2.26.0	
© 2020 - PSIGEN Software, Inc.		

Confirm you can login successfully - Username is Administrator

- Password is Admin-01 -

	- 🗆 X
← → C (O) localhost:8080/Queue/1	⊶ ☆ 🕒 :
PSIcapture Fusion	📚 Queue 🛛 🔩 User Options 🗸 🧔 Administration 🗸 💄 -
Queue o Viewer	Indexing
C ⊘ H 5	Document Profile
	No document profile selected
© 2020 - PSIGEN Software, Inc.	💄 Administrator

CONGRATULATIONS!! You have now installed PSIcapture Fusion.

If you are preparing for training, continue through to the Training Prep Walkthrough Guide.