FTPS

ⓘ This page explains the **URL Adapter** in Bridge context. If you were looking for the same information regarding the PAS Designer, refer to URL Adapter in the Designer guide.

FTPS (not to be confused with SFTP), which is also known widely as FTP Secure or FTP-SSL, is an extension to the normal File Transfer Protocol FTP adding the support for the cryptographic protocols Transport Layer Security (TLS) and Secure Socket Layer (SSL).

Creating a service connecting to an FTPS server can be done by simply creating a normal FTP backend. The difference is, that you need to define the FTPS protocol and the according port, method etc. in your <<URLAlias>> within your component diagram.

Tagged Values

Find below a list of relevant tagged values, if the URL adapter is used with the FTPS protocol.
Default values used when an option is not explicitly set are written in bold.

Tagged Value	Description	Values	
protocol	Transport protocol.	ftps	
method	FTP method.	**get**, post, put, list	
port	Machine port number the service is binding to. This port number can be given at service level only.		
path	FTP path for the request.		
Advanced			
options	Native cURL options.	cURL Options	
Authentication			
user	Username/password.		
Proxy			
proxyType	Type of the proxy.	HTTP, SOCKS5	
proxyURL	URL of the proxy server.		
proxyUser	Proxy user.		
SSL			
sslCAInfo	File name containing additional certificates for the connection verification (e. g. additional root CAs).		
sslCertificateFile	File name containing the client certificate.		
sslCertificateType	Type of the certificate.	PEM, DER	
sslPrivateKeyFile	File name containing the private key.		
sslPrivateKeyPassword	Password for the private key.		
sslPrivateKeyType	Type of the key.		
sslVerifyHost	Whether to verify the host information form the SSL connection.	**On**	Verification on.
		Off	Verification off.
sslVerifyPeer	Whether to verify the peer information from the SSL connection.	**On**	Verification on.
		Off	Verification off.

Useful cURL Options

Option	Description

CURLOPT_SSLVERSION= CURL_SSLVERSION_SSL v2	Via this option, you can tell the <<URLAdapter>> to explicitly use SSL version 2. This may be necessary, if the server has problems with TLS /SSLv3.

There are many more cURL options, which might be needed for a service to run. Follow this link to get the full listing of all options: http://curl.haxx.se/libcurl/c/curl_easy_setopt.html. A further list of cURL options supported by the **E2E Bridge** can be found in Setting cURL Options on the URL Adapter.