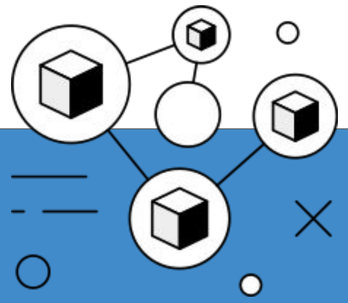
SFTPPlus

# Local Manager GUI
# SFTPPlus Server MFT
# Slide Overview



SFTPPlus Local Manager Authenticated as **admin** Logout

Review and apply 1 change

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## Configure account "Charles_Roberts"

Enabled: Yes | No

When account is disabled, all authentication requests will fail.

Identifier: cb93a966-b481-4399-844e-bf7a3d9ac1ce Cannot be changed at runtime.

Name: Charles_Roberts

The account name is also known as the user name or login name used in the authentication

Type: application Cannot be changed at runtime.

Group: Accounting_Corp_Users Go to group configuration

Adding the account to a specific group will allow this account to inherit group's configuration.

Description: Account for Charles Roberts at YourCompany Inc.

Free text description for this account.

Create new application or operating system accounts

## Authentication

New password: •••••••••••••••• Show password Disable

Update password for this account. Current password is stored using one way encryption method and cannot be retrieved.

Allowed SSH Keys Path: C:\Program Files (x86)\SFTPPlus\configura Inherit from group

Path to file containing authorized SSH keys. Leave empty to disable SSH key based authentication.

Expiration date and time: YYYY-MM-DD at HH:MM:SS Disable

Date and time after which this account will no longer be authorized.

Allowed SSH Keys: ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAAAgQC4fV6tSakDSB6ZovygLsf1iC9P3tJHePTKAPkPAWzlu5BRHcmAu0uTjn7Ghrp:

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## Authentication

New password: Enter new password | Show password | Disable

Update password for this account. Current password is stored using one way encryption meth

Allowed SSH Keys Path: C:\Program Files (x86)\SFTPPlus\configura | Inherit from group

Path to file containing authorized SSH keys. Leave empty to disable SSH key based authentic

Expiration date and time: YYYY-MM-DD at HH:MM:SS | Disable

Date and time after which this account will no longer be authorized.

Allowed SSH Keys: ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAAAgQC4fV6tSakDSB6ZovygLsf1iC9P3tJHe

List of SSH public keys allowed for this account. One key per line, in OpenSSH format.

Allow SSL certificates: Yes | No | Inherit from group

When SSL/TLS certificate based authentication is enabled, accounts can be authenticated without requiring a password.

Account configuration options include account expiry, allowed SSH keys, associated SSL certificates

## Account home folder

Path: inherit | Inherit from group

Path to folder where to store files for this account.

Lock access: Application accounts are always locked inside home folder.

State lock-in home folders and automate new home folder creation

## Missing home folder

Create missing home folder: Yes | No | Inherit from group

When this option is enabled the server will try to create missing home folders for authenticated accounts.

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## Configure group "Accounting_Payroll"

Enabled: Yes | No
When the group is disabled, all accounts associated with this group are denied access.

Identifier: group-2 Cannot be changed at runtime.

Name: Accounting_Payroll
A simple name to identify this group.

Description: Group for the Accounts Payroll department.
Free text description for this group.

Create and configure groups - allowing for bulk administration options

## Authentication

Allowed SSH Keys: Predefined values
Path to a folder containing authorized SSH keys files. Leave empty to disable SSH key based authentication. When ${USER} is not part of the path, the account name is automatically appended.

Allow SSL certificates: Yes | No
When SSL/TLS certificate based authentication is enabled, accounts can be authenti

Determine settings by group - from authentication to home folders

## Home folder

Base path: Predefined values c:\Users\Payroll
Path to the base folder where accounts home folders are located.

Lock access: Yes | No
Deny access to files and folders outside the home folder. Only operating system accounts may have this configuration option.

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Name: YourCompany SFTP Service

A name to help identifying this service.

Protocol: SSH (SFTP/SCP) Cannot be changed at runtime.

Description: SFTP only service for Accounting department for YourCompany Inc.

Any free form text describing this service.

Address/Port: 0.0.0.0 : 10022

Address (or domain name) and port number used to listen for incoming connections.

Authentications: custom-authentication-uuid × custom-authentication-uuid-2 × Type a new authentication UUID

List with UUIDs of authentication methods enabled for this service. Invalid/short IDs are not accepted. Leave it empty to use the global authentication methods. Separate methods using Enter, Space or Comma

Detailed configuration options available for SFTP / SCP based services.

## SSH specific configuration (SFTP, SCP)

SFTP Enabled: Yes No

SCP Enabled: Yes No

SSH Banner: Welcome to the SFTP Service for YourCompany Inc.

Welcome message for new connections.

RSA Private Key: configuration/ssh_host_rsa_key

Path to RSA private key file used by this service.

RSA Private Key: •••••••••••••••••••• Show password

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Source port used to initiate connection for the **PORT or EPRT** requests. When set to 0 the server will use a random port and any available IP address.

Idle data connection timeout: 30

Number of seconds after which idle data channel connections are disconnected. Set to 0 to disable disconnecting idle connections.
This does not affect command channel connections, they are configured in **Connections configuration**.

☑ Enable password based authentication

This allows authentication based on username and password.

☑ Enable SSL certificate based authentication

This allows authentication based on username and SSL certificate. No password required.

☑ Ignore ASCII data type mode.

Configures the FTP service to pretend that ASCII mode is supported, while doing the actual transfer in BINARY/IMAGINE mode.

☐ Use ASCII data type mode as default.

Configures the FTP service to use the ASCII mode, when a data type is not explicitly requested by the client.

## Explicit FTPS

☑ Enable Explicit FTPS support.

When this is enabled, the service allows Explicit FTPS connections.

☑ Force secured authentication

When this is enabled, unencrypted login requests are not accepted.

☑ Force secured command channel

When this is enabled, no commands are processed over unencrypted command channel.

☐ Force secured data channel

When this is enabled, no unencrypted data transfer is processed.

Detailed configuration options for FTP / FTPES / FTPIS based services

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## SSL/TLS configuration

Detailed SSL/TLS configuration options available for FTPES / FTPIS

**SSL Cipher List**: ALL:!RC4:!DES:!MD5:!EXP

Cipher list as specified by the OpenSSL project. More details on the OpenSSL page.

**Allowed SSL/TLS methods**: tlsv1 tlsv1.1 tlsv1.2

Space separated list of allowed SSL/TLS methods.

**SSL Certificate**: configuration/yourcompany_self_signed_certificate.pem

Path to SSL certificate used by this component.

**SSL Key**: configuration/yourcompany_ssl_key.pem

Path to SSL key associated to the configured certificate. Can be left empty when key is included in the certificate file.

**SSL Key Password**: •••••••••••••• Show password

Password used for storing the encrypted SSL key on disk, either in dedicated SSL key file, or together with SSL certificate.

**Certificate authority**: ${LETS_ENCRYPT_X3_CA} SharePoint CA Let's Encrypt CA

Path to certificate authority X.509 certificate in PEM format. When left empty, the peer's certificate is not validated.

**Certificate Revocation List**: configuration/yourcompany_crl.crl SharePoint CRL

Path or HTTP URL to certificate revocation list. Set it to crl-distribution-points to enable CRL distribution point (CDP) usage. Leave it empty to disable CRL checking.

**CRL Refresh**: 0

Number of seconds after which each CRL is read again for updates. Set it to 0 to use the NextUpdate field from the CRL.

Review and apply

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## Configuration for "HTTPS Service for YourCompany Inc." service.

Enable at startup: Yes | No

Identifier: https-1 Cannot be changed at runtime.

Name: HTTPS Service for YourCompany Inc.

A name to help identifying this service.

Protocol: HTTPS Cannot be changed at runtime.

Description: This is the HTTPS service for YourCompany Inc file transfer service.

Access the service using any compatible web browser.

Any free form text describing this service.

Address/Port: 0.0.0.0 : 10443

Address (or domain name) and port number used to listen for incoming connections.

Authentications: custom-http-authentication × e4e41ed5-d0d7-4a1b-9a6a-ddb67add8d73 × Type a new authentication UUID

List with UUIDs of authentication methods enabled for this service. Invalid/short IDs are not accepted. Leave it empty to use the global authentication methods. Separate methods using Enter, Space or Comma

HTTP / HTTPS options available for web browser file transfer manager

## Connections configuration

Idle connection timeout: 300

Seconds after which idle connections are disconnected. Set to 0 to disable disconnecting idle connections.

Maximum concurrent connections: 10000

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Review and apply 10 changes

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## Review changes

Apply or revert individual or all changes.

| Actions | Type | Name | Operation | Old Value | New Value |
|---|---|---|---|---|---|
| Apply Revert | Service | FTPS Explicit Service for YourCompany Inc > authentications | update | | custom-authentication-method-1, custom-authentication-method-2 |
| Apply Revert | Service | FTPS Explicit Service for YourCompany Inc > ssl_key | update | configuration/yourcompany_ssl_key.pem | configuration/yourcompany_new_ssl_key.pem |
| Apply Revert | Service | FTPS Explicit Service for YourCompany Inc > ascii_data_type_as_default | update | false | true |
| Apply Revert | Service | FTPS Explicit Service for YourCompany Inc > maximum_concurrent_connections | update | 100 | 200 |
| Apply Revert | Service | FTPS Explicit Service for YourCompany Inc > ssl_key_password | update | Masked password | Masked password |
| Apply Revert | Service | FTPS Explicit Service for YourCompany Inc > ssl_certificate | update | configuration/yourcompany_self_signed_certificate.pem | configuration/yourcompany_new_self_signed_certificate.pem |
| Apply Revert | Service | FTPS Explicit Service for YourCompany Inc > ssl_certificate_revocation_list | update | configuration/yourcompany_crl.crl | configuration/yourcompany_new_crl.crl |
| | | FTPS Explicit Service for YourCompany Inc > idle_connection_timeout | update | 300 | 800 |
| | | FTPS Explicit Service for YourCompany Inc > ignore_ascii_data_type | update | true | false |

Review changes to any components before application

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## Review changes Apply or revert individual or all changes.

All pending changes applied.

## Require restart Components that require restart.

| Name | Changed configuration |
|---|---|
| Email Alert for Accounts - Failed Transfers - PDF | email_to_recipients |
| SQLite DB for Accounts Transfers | path |
| FTPS Explicit Service for YourCompany Inc | configuration/ssl_certificate, configuration/ssl_key, configuration/ssl_certificate_authority, configuration/ssl_certificate_revocation_list |
| HTTPS Service for YourCompany Inc. | configuration/ssl_certificate, configuration/ssl_key, configuration/ssl_certificate_revocation_list |

Once changes are applied, find out which components and changed configuration require a restart

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## Configure authentication method "IP time ban authentication"

Enable at startup: Yes | No

Enable this authentication method at server startup.

Identifier: e4e41ed5-d0d7-4a1b-9a6a-ddb67add8d73 Cannot be changed at runtime.

Name: IP time ban authentication

A short name to identify this authentication method.

Type: Source IP Address Temporary Ban Cannot be changed at runtime.

Description: Ban certain IPs from trying to access the file transfer resources

Free text description for this authentication method.

## Source IP time ban configuration

Ban interval: 604800

Number of seconds for which authentication requests from the source IP are denied.

Ban after: 2

Number of consecutive failed authentications which will result in blocking the source IP.

Review and apply

Authentication options available including anonymous, LDAP bind and IP time ban authentication

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## Configure authentication method "Accounts-Auth-over-Remote-HTTP"

Enable at startup: Yes | No

Enable this authentication method at server startup.

Identifier: 69501058-3749-403c-8bb2-ecf374e66d4d Cannot be changed at runtime.

Name: Accounts-Auth-over-Remote-HTTP

A short name to identify this authentication method.

Type: HTTP Request Cannot be changed at runtime.

Description: Authenticate accounts over specific HTTP endpoints. In this case, it is YourCompany Inc's Accounts department HTTP endpoint for the HTTPS authentication method.

Free text description for this authentication method.

## HTTP Post configuration

URL: https://www.yourcompany.com/accounts-authenticate

This option specifies the URL where to send HTTP authentication requests.

Proxy:

Configuration for the proxy to be used to connect to the HTTPS endpoint.

## SSL/TLS configuration

SSL Cipher List: ALL:!RC4:!DES:!MD5:!EXP

Add custom authentication methods including authentication over remote HTTP

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## Configure transfer "Copy Transfer - ACC1"

Enable at startup: Yes | No

Identifier: 0f21d376-1c5c-4a31-af0d-537cd11a2eb7 Cannot be changed at runtime.

Name: Copy Transfer - ACC1

A short name to identify this transfer.

Type: Copy Cannot be changed at runtime.

Description: Copy Transfer from Accounting Corp to Payroll

Free text description for this transfer.

Add copy or move transfers to manage your file transfer operations

## Source configuration

Location: Default filesystem Go to location configuration

Location used as the source for this transfer.

Path: c:\Users\Account_Corp_Accounts

Path to the folder which is the source of this transfer.

Changes poll interval: 1

Number of seconds at which to check for file changes in the monitored path. It should be equal or greater than **1**.

File stable period: 10

Number of seconds after which a file is considered stable. This should be greater than **0.001**.

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Retry count: 4

Number of times a file is retried to be transferred on failures.

Retry wait: 60

Number of seconds to wait before retrying a failed file.

Archive success path: /Account_Payroll/Success

Path to a folder on the local location where to keep a copy of files which were successfully transf

Archive failed path: /Account_Payroll/Fail

Path to a folder on the local location where to keep a copy of files which failed to be transferred. To disable archiving, leave this option empty.

Execute before:

Executable or script called before processing a source file. Called with full path to file as first argument.

Execute after success: archive_and_date_transfers.bat

Executable or script called after a file was successfully transferred. Called with full path to file as first argument.

Execute after failure: archive_and_date_fail.bat

Executable or script called after a file transfer failed. Called with full path to file as first argument.

Execute before on destination:

List of commands called before processing a transfer.

Execute after success on destination:

List of commands called after a successful transfer.

Execute after failure on destination:

List of commands called after a transfer failed.

Configure detailed transfer rules according to requirements

Add custom scripts for any additional transfer actions

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## Configure resource "Trigger Email Alert for Mail_Transfer_Admin"

Add email resources for custom email alerts

Identifier: bf02a022-7b42-457c-9978-305b35819a15 Cannot be changed at runtime.

Name: Trigger Email Alert for Mail_Transfer_Admir

A short name to identify this resource.

Type: Email Client Cannot be changed at runtime.

Description: For transfers that have failed, trigger the email alert.

Free text description for this resource.

## Email client specific configuration

Address/Port: 127.0.0.1 : 25

Address (or domain name) and port number of the remote server.

From email address: no-reply@yourcompany.com

Email address used in the `From` field of the messages sent to this server.

Username: mail_transfer_admin

Username for the server. Leave blank for anonymous authentication.

Password: ••••••••••••••••••••••••

Password for the server.

Review and apply

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## Configure event handler "Email Alert for Accounts - Failed Transfers - PDF"

Enable at startup: Yes | No

Enable this log handler at server startup.

Identifier: b40a3c23-5454-4755-8442-9c172d4e78aa Cannot be changed at runtime.

Name: Email Alert for Accounts - Failed Transfers

A short name to identify this event handler.

Type: Send as email Cannot be changed at runtime.

Description:

This is the email alert for Accounts - Failed Transfers. The event ID 10097 is associated with failure to store files Event Handler.
The email alert is for all accounts and components, restricted to PDF files only.

Free text description for this event handler.

Events: 10078 × Type a new event

List with IDs of events for which this handler is active. Invalid/short IDs are not accepted. Separate events using Enter, Space or Comma

Accounts: Type a new username

List with names of users for whom this handler is active. Separate names using Enter, Space or Comma

Components: Type a valid UUID

List with component UUIDs for which this handler is active. Separate UUIDs using Enter, Space or Comma

Data Attributes: *.PDF

Name of the data attributes, comma separated to the matching expression. Leave it empty to not filter based on data attributes.

Fail after errors: 10

Set up detailed event handlers to attach specific actions based on server events

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Name of the data attributes, comma separated to the matching expression. Leave it empty to not filter based on data attributes.

Fail after errors: 10

Number of consecutive errors after which the handler will fail. Set to 0 to disable automatic failure.

## Email configuration

Email Client: Trigger Email Alert for Mail_Tr — Go to the email client configuration

Email client used to send events.

Subject: [{id}] [{component.name}] SFTPPlus Alert

Template used for the `subject` field of the sent email. See documentation for available co

Body:
This is an email alert that PDF file/s have failed to transfer.
More details:
[{timestamp.cwa_14051}] {message}{LF}{LF}{data_json}

Template used for the body of the sent email. See documentation for available context variables.

Recipients: accounts_alert@yourcompany.com × Type a new recipient

List of addresses where to send emails. Separate addresses using Enter, Space or Comma

With associated files: Attachment

An associated file is added to an email using specified method. The path of the file is taken from real_path property of an event.

Review and apply

Set up a custom email alert system using event handlers

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Expiration date and time: 2018-05-01 at 00:00:00 Disable

Date and time after which this account will no longer be authorized.

Allowed SSH Keys

List of SSH public keys allowed for this account. One key per line, in OpenSSH format.

Allow SSL certificates: Yes No Inherit from group

When SSL/TLS certificate based authentication is enabled, accounts ca

## Account home folder

Path: inherit Inherit from group

Path to folder where to store files for this account.

Lock access: Application accounts are always locked inside home folder.

## Missing home folder

Create missing home folder: Yes No Inherit from group

When this option is enabled the server will try to create missing home fo

Permissions: allow-full-control /Archive/*, allow-read Inherit from group

Comma separated values of permissions for this account.

Review and apply

AAA (Authentication, Authorization and Accounting) system support for accounts

Whitelist by file types, allocate permissions on a per-account or per-path basis

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## Home folder

Base path: Predefined values | c:\Users\Payroll

Path to the base folder where accounts home folders are located.

Lock access: Yes | No

Deny access to files and folders outside the home folder. Only operating

## Missing home folder

Create missing home folders: Yes | No

When this option is enabled the server will try to create missing home folders for authenticated accounts.

Folder's owner: Predefined values | ${DEFAULT_OS_USER}

OS local account to hold ownership of the newly created home folder.

Folder's group: Predefined values | ${DEFAULT_OS_GROUP}

OS local group to hold ownership of the newly created home

Permissions:

```
allow-full-control
/IT_2018/*, allow-read
/Legal_2018/*, allow-read
*.PDF, allow-write
```

Comma separated values of permissions for members of the group.

Home folder structure:

```
Marketing_2018
IT_2018
Legal_2018
```

List of folders which should be created inside the home folder. One folder on each line.

AAA (Authentication, Authorization and Accounting) system support for groups

Define permissions per-group and per-path

Set a home folder structure according each group

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## Past Activity Events occurred on this server.

Apply filters | Clear filters | Download as CSV

14 filtered events 25 per page.

From YYYY-MM-DD at HH:MM:SS To YYYY-MM-DD at HH:MM:SS

First Previous 1 Next Last

| Date/Time | Event | Peer | User | Summary |
|---|---|---|---|---|
| | | | | transfer |
| 2017-12-06 19:38:10 | 50005 | 127.0.0.1:58583 | admin | All requested changes successfully applied. Change |
| 2017-12-05 14:09:02 | 20156 | 0.0.0.0:0 | Process | Successfully started database connector "SQLite DB |
| 2017-12-05 10:00:00 | 20157 | 0.0.0.0:0 | Process | Stopped transfer "Copy Transfer - ACC1" of type co |
| 2017-12-05 10:00:00 | 60022 | 0.0.0.0:0 | Process | Transfer "Copy Transfer - ACC1" is now executing t |
| 2017-12-04 14:54:07 | 50005 | 127.0.0.1:49278 | admin | All requested changes successfully applied. Change |
| 2017-12-04 14:51:59 | 60020 | 0.0.0.0:0 | Process | Transfer "Copy Transfer - ACC1" has scheduled acti |
| 2017-12-04 14:51:59 | 60021 | 0.0.0.0:0 | Process | Transfer "Copy Transfer - ACC1" started in "Suspen |
| 2017-12-04 14:51:59 | 20156 | 127.0.0.1:49278 | admin | Successfully started transfer "Copy Transfer - ACC |

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Access detailed audit logs or view on Local Manager. Browse past activity and filter based on search terms, users, peers, events or date and timestamps

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- Event Handlers

Access the status of all services, transfers, authentication methods, resources and event handlers

## Services defined on the server.

| State | Startup | Name | | | |
|---|---|---|---|---|---|
| Started | Disabled | HTTP Service for YourCompany | | | |
| Started | Enabled | FTPS Explicit Service for YourCompany Inc | FTP and Explicit FTPS | 0.0.0.0:10021 | |
| Started | Disabled | FTPS Implicit Service for YourCompany Inc. | Implicit FTPS | 0.0.0.0:10990 | |
| Started | Enabled | YourCompany SFTP Service | SSH (SFTP/SCP) | 0.0.0.0:10022 | |
| Stopped | Disabled | YourCompany Inc Recursive Monitor | Local filesystem monitor | | |
| Stopped | Disabled | SCP Service for YourCompany Inc. | SSH (SFTP/SCP) | 0.0.0.0:10023 | |
| Started | Enabled | HTTPS Service for YourCompany Inc. | HTTPS | 0.0.0.0:10443 | |
| Stopped | Disabled | YourCompany Inc Non-recursive Monitor | Local filesystem monitor | | |
| Started | Enabled | YourCompany Inc Local Manager | Local Management | 127.0.0.1:10020 | |

## Transfers available on the server.

| State | Startup | Name |
|---|---|---|
| Suspended | Disabled | Copy Transfer - ACC1 |
| Starting | Enabled | Move Transfer ACG 2 |

Locate potential problems before they reach your users

## Authentication methods defined on the server.

SFTPPlus Local Manager Authenticated as **admin** Logout

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Failed

Stopped at 2017-12-06T20:02:31+00:00 with 20077: Failed to start the "FTPS Implicit Service for YourCompany Inc." service. Failed to read the certificate. [Errno 2] No such file or directory

## Services defined on the server.

| | | Name | Protocol | Interface |
|---|---|---|---|---|
| | bled | HTTP Service for YourCompany Inc. | HTTP (unsecured) | 0.0.0.0:10080 |
| | led | FTPS Explicit Service for YourCompany Inc | FTP and Explicit FTPS | 0.0.0.0:10021 |
| Failed at start | Disabled | FTPS Implicit Service for YourCompany Inc. | Implicit FTPS | 0.0.0.0:10990 |
| Started | Enabled | YourCompany SFTP Service | SSH (SFTP/SCP) | 0.0.0.0:10022 |
| Stopped | Disabled | YourCompany Inc Recursive Monitor | Local filesystem monitor | |
| Stopped | Disabled | SCP Service for YourCompany Inc. | SSH (SFTP/SCP) | 0.0.0.0:10023 |
| Started requires restart | Enabled | HTTPS Service for YourCompany Inc. | HTTPS | 0.0.0.0:10443 |
| Stopped | Disabled | YourCompany Inc Non-recursive Monitor | Local filesystem monitor | |
| Started | Enabled | YourCompany Inc Local Manager | Local Management | 127.0.0.1:10020 |

## Transfers available on the server.

| State | Startup |
|---|---|
| Stopped | Disabled |
| Stopped | Enabled |

Troubleshoot potential issues related to the server via the Local Manager (shown) and the detailed text audit trail

## Authentication methods defined on the server.

SFTPPlus Local Manager Authenticated as **admin** Logout

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| | | | |
|---|---|---|---|
| Started | Enabled | Deny Admin Accounts | Deny Usernames |
| Started | Enabled | | |

Determine which components require any further action

## Event handlers defined on the server.

Configuration which were changed

email_to_recipients

| | Startup | Name | Type |
|---|---|---|---|
| Started requires restart | Enabled | Email Alert for Accounts - Failed Transfers - PDF | Send as email |
| Stopped | Disabled | file-transfer-hooks | Send as HTTP POST request |
| Stopped | Disabled | WebAdmin HTTP Post | Send as HTTP POST request |
| Started | Enabled | Account activity of failied transfers | Audit account activity |
| Started | Enabled | Default Local Log File | Store in local file |
| Started | Enabled | Database Logger | Store in database |

## Resources defined on the server.

| State | Name | Family | Type |
|---|---|---|---|
| Stopped | Trigger Email Alert for Mail_Transfer_Admin | email-client | Email Client |
| Stopped | FTP Location Your Company Inc | location | FTP (unsecured) |
| Stopped | Default filesystem | location | FILESYSTEM |
| Started requires restart | SQLite DB for Accounts Transfers | database connector | SQLite3 File |

SFTPPlus Local Manager Authenticated as **admin** Logout

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## Configure database "SQLite DB for Accounts Transfers"

Identifier: default-sqlite-db-uuid Cannot be changed at runtime.

Name: SQLite DB for Accounts Transfers

A short name to identify this database.

Type: SQLite3 File Cannot be changed at runtime.

Description: Stores data into local SQLite file.

Free text description for this database.

Add databases to handle the audit trail - meet monitoring and logging requirements for compliance and other obligations

## SQLite specific configuration

Path: log/server_accounts_dept_.db3

Path to a local SQLite 3 database file.

Review and apply

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## SSL / SSH Keys Management

Generate, read or convert SSH / SSL keys.

Generate New SSH Key | Convert/Read Existing SSH Key | New SSL Key and CSR

Type: RSA

Type of the new SSH Key.

Size: 2048

Size of the new SSH Key. DSA/DSS keys have a fixed size of 1024 bytes.

Private Key Password: Enter key password

Optional password used to encrypt newly created private key. Leave empty wher … word.

Generate key

**SFTPPlus / OpenSSH Public (single line)** Download


```
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAACAQCp9A51zBX028d811TZi0KShXsTPCygc7irGrvNbopw7WL1OMQV2I5YrbPGGd8msKiUDnGokVSisRjbo7C7xdh0tjVk2dUHXVbBxiQJqE0wzdTTso4I1bS
5MRtXSvEsXWviT3afq3YzEDByiFcN6OTgPq7UYUE8uOr2aL//+cSg12eStmm6BF2M5ZMeF/nTL4O0UDNkL1pgHYPN0RgRYSVL1qhNt2fE1/DsxygdWSoKcre74kcLAWl0wZZAUlXnfmxsMMpjWqHvPGVgHM
CV0GPntR7i7Ohjf3eIisVjbCl9ZvvMC9wnVylReW3aApZSjFgGWxjN90hhNzQBVgscVrIAdmk56EiJzQPrgGoNtsJ0hCpbonkMVdJ4AnJzSh1p/g6u2VFk6WqlkrfyYLyoeaiYitEOcpZhDt7Vafclp108u
cPUp/dFjcpNyVu+3nHyIGkxOAn00SPUN2l55HqeCfSvzNNZkFqW8tavQFpLFB+Fgj8jNODTMMjijcLQWMctMKQuuK8jHiZRB8aWmL8j9KWlqUC6nVUWog3x5TtONQXhcjLlQEcQETZi/Uo+j8SITRTeB5dd
9UA6kJYErtpOFdrCLFRSUN2c/gwBZuaehyrUsQu1D7ZJ3vnj3VMifhySxpzpKpOrCXfE+qb3cOjG1ikVcMO1p7covtGLpbrEv6rBuw==
```


When handling the public key, make sure it is stored as a **a single line**.

**OpenSSH Private** Download


```
-----BEGIN RSA PRIVATE KEY-----
Proc-Type: 4,ENCRYPTED
```


Web-browser interface available to configure SSL / SSH services

Generate new SSH keys easily and quickly

SFTPPlus Local Manager Authenticated as **admin** Logout

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## SSL / SSH Keys Management

Generate, read or convert SSH / SSL keys.

Generate New SSH Key | Convert/Read Existing SSH Key | New SSL Key and CSR

Size: 4096

Size of the new SSL Key.

Private Key Password: ••••••••••

Optional password used to encrypt newly created private key. Leave empty when you don't want to protect generated private keys with a password.

Common Name: *.yourcompany.com

In general this is the fully qualified domain name (FQDN) for the server attached to this CSR. If you are generating a CSR for a wildcard certificate your common name must start with an *, for example: *.domain.tld

Alternative Name:

Optional alternative name associated with the CSR. For example DNS:www.fs.domain.tld or IP:192.168.7.1 or combined DNS:www.fs.domain.tld,IP:192.168.7.1

Email Address: admin@yourcompany.com

Optional email address associated with the CSR.

Organization: YourCompany Inc

Full legal company or personal name, as legally registered in your locality.

Organization Unit: IT_Department

Optional branch of your company which is ordering the certificate (accounting, marketing, etc).

Locality/City: YourCity

Generate new SSL keys and CSRs on demand

SFTPPlus

## Do you need help?

Email us at sales@proatria.com or chat with us on sftpplus.com

Send us feedback via our feedback survey