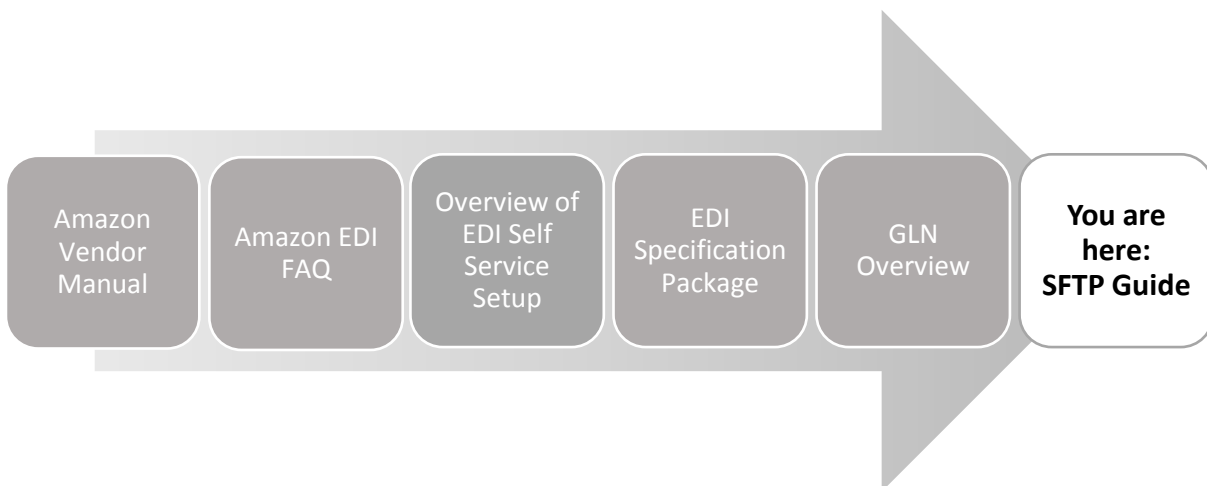




Electronic Data Interchange (EDI)

Amazon SFTP Guide



Last Updated: October 21, 2016

Direct SFTP hosted by Amazon

Overview:

Amazon's primary and preferred connection method is AS2. As an alternative we support SFTP connections. SFTP is a network protocol for secure file transfer over secure shell. You can use Amazon's SFTP server for file transfer free of charge, you only need a script or client application that connects your EDI system with our SFTP site. Due to security reasons we do not support FTP connections.

Settings for Vendors in Europe:

SFTP address: sftp-eu.amazonsedi.com

SFTP port: 2222

Upload data to Amazon: You will receive a proprietary user account for uploading files. Account information can be found in "Vendor Central > EDI > Self Service Setup" under "Connection Endpoints > Action > View Connection > Sending Account" if you have chosen SFTP in the connectivity settings.

Download data from Amazon: You will receive a proprietary user account for downloading files. Account information can be found in "Vendor Central > EDI > Self Service Setup" under "Connection Endpoints > Action > View Connection" if you have chosen SFTP in the connectivity settings.

Data files in Download directory: Ensure that files are deleted once you successfully download them. The download directory capacity is currently 500 files meaning that if the directory is full (500 files) no other files can be placed on the directory. A full directory could result in missing files, such as Purchase Orders or Sales Reports.

Authentication For security purposes, Amazon does not allow user name and password authentication on our SFTP server. Instead, you will need to generate a public/private key pair using the SFTP software of your choice and save both keys on your side. Your public key needs to be uploaded for the upload and download account in "Vendor Central > EDI > Self Service Setup" under "Connection Endpoints > Action > View Connection > Sending Account", and the same for "Receiving Account".

Most systems have the ability to generate a public/private key pair. Depending on the software you use, the process of key generation may vary. Review your SFTP software documentation or contact your software vendor if you require assistance on how to generate a key pair. For the key types, Amazon supports SSH-2 RSA, SSH1-RSA, SSH1-DSS and number of bits in the generated key could be any number greater than 1024 bits. When you generate the public/private key pair, most tools will provide default settings for each key type and key length. Accepting the default settings should not cause issues.

Passphrase: When you create a public/private key pair, you will also have an option to enter a passphrase for the keys. If you choose to enter a passphrase for the keys, you will need to remember the passphrase as you will need to enter it every time you login to your SFTP account.

Process:

Data transfer: Amazon sends and receives data from the SFTP site in real-time. When you send data to the upload directory we will pick it up once the file has been completely uploaded. When we send data to your download directory you will only see the file once we have completely uploaded it. You must delete the files after picking them up, otherwise operational data processing might be disrupted.

Staging mechanism: The Amazon SFTP server has improved functionality including the ability to tell when a file transfer is complete. This means that there is no longer the risk of picking up a partially uploaded file. Therefore we have removed the ability to use staging mechanisms (for example the

.done file) to indicate when a file is ready for pick up or download. See the description under “Data transfer” above. Please turn off any functionality or scripts related to staging mechanisms.

Firewall (if applicable in your network):

If you have a firewall and filter traffic by IP addresses, please have your network engineer whitelist the following Amazon IP ranges:

IP Ranges for Europe (send/receive):

54.217.255.192/27

54.195.239.0/28

52.212.191.128/26

If you filter outbound traffic by port, allow access from your network to Amazon Hosted SFTP service on port 2222.