ENTERPRISE APIs

FEATURES & BENEFITS

- **Complete set of RESTful APIs allowing automation of file sharing and collaboration with external recipients**
- **SDK w/ CURL, Python and .NET Samples**
- **Built-in large file support**
- **All activity and sharing complies with centrally defined policies such as requiring encryption, restricting the recipient to view-only, automatic expiration, requiring login with OpenID, full auditing and much more**
- **Automated, compliant key exchange when using encryption**
- **Services operate under your organization's domain. No third parties or new domains need to be configured by IT or network administration, and all exchanges are 100% verifiable**
- **Cloud Web Portal (CWP) enables tracking and management of all activity so you can manage sharing-at-scale**
- **Supports OneDrive, Box, Dropbox, Google Drive, Sharepoint Online and Azure Blob Storage**

The e-Share Platform enables secure external file sharing collaboration between your organization and external recipients of any kind using your existing applications and cloud file storage. Using our Enterprise APIs, organizations can now swiftly implement automated data exchange with external partners at scale without building and managing complex, expensive new infrastructure, or accepting non-compliant solutions.

RESTFul Services

To access our APIs, authorized users can generate an access token using our Cloud Web Portal (CWP). From there they can use their favorite software to programmatically create, list, modify and disable "trusted shares", manage files and recipients and much more. All operations are audited and comply with centrally defined sharing and access policies. All information and activity can be viewed and managed through CWP.

Solution Development Kit (SDK)

The e-Share SDK provides documentation and sample code to get you started. Examples are provided in CURL, Python and .NET. The SDK also includes the source code to .NET and Python APIs built on top of the REST APIs, so you can build directly in those environments if you prefer.

```
e-Share Monitor & Upload
---------------------------------------
Monitoring directory: /Users/sid/Code/code-samples/test
Uploading to share: monitor1 mount_id: 125596
---------------------------------------
Uploading: extract_08272019.csv to mount_id 125596 ok
Uploading: extract_08292019.csv to mount_id 125596 ok
Uploading: extract_08302019.csv to mount_id 125596 ok
Sleeping: ok
Sleeping: ok
Uploading: extract_08302019a.csv to mount_id 125596 ok
Sleeping: ok
```

```
e-Share Monitor & Download
---------------------------------------
Monitoring share: monitor1 -> mount_id: 125596
Downloading to path: /Users/sid/Code/code-samples/
---------------------------------------
Downloading: extract_08272019.csv ok
Downloading: extract_08292019.csv ok
Downloading: extract_08302019.csv ok
Sleeping: ok
Downloading: extract_08302019a.csv ok
Sleeping: ok
```

USE CASES

- Application data exchange for any partnership including HR (payroll), billing, invoicing, supply chain, etc

- Enabling sharing through Robotic Process Automation (RPA)

- Automated data sharing in and out of China

- Automated transfer of log-file, customer activity or other sensitive information for e-commerce

- Cross-domain data sharing such as secret to unclassified networks

- Replace sFTP/DevOps data exchange sprawl

E-SHARE

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Replacing Ad Hoc Data Exchange Systems Built with sFTP

When companies work together in partnership, they frequently have to exchange data. These exchanges are typically built by IT or DevOps teams using ad hoc, open source technology like FTP over SSH.
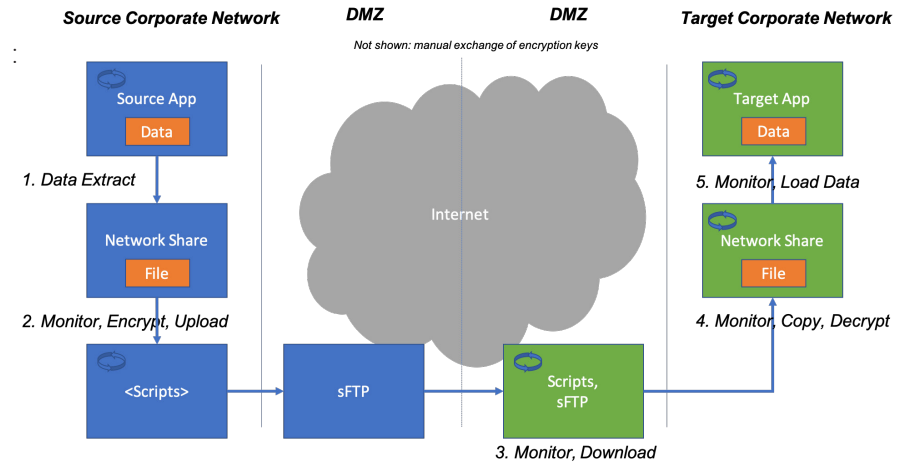

CISOs have recently become concerned with a number of security issues:

1. Duration of storage in the DMZ. Out of box FTP solutions typically just keep serving.
2. Copying files to the DMZ is risky; anything accidentally copied is exposed.
3. If encryption is used, the exchange of keys may be via non-compliant media (like email)
4. There's no way to revoke access; only terminate it. Anything downloaded is lost.

FTP servers can also be expensive, and hard to manage. Especially in large numbers.

Using the e-Share Enterprise APIs IT and DevOps can rapidly deliver solutions that are fully compliant and manage-able at scale in a fraction of the time typically required.
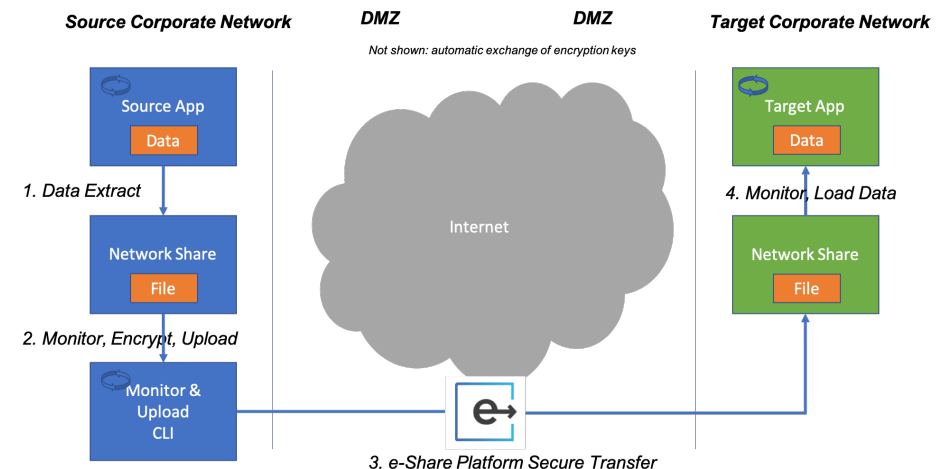
Please visit our website for more information.