

National Financial Services Firm Taps Globalscape® to Remedy Costly Cloud Configuration, Refine Cloud Data Exchange

Summary

A top US financial services firm, which is using EFT for on-premises data management, tapped Globalscape for help with their cloud initiative. By using several existing modules from EFT's robust product suite, Globalscape's engineers were able to provide a solution that improves security, operational efficiency, and reliability, and reduces costs during cloud exchanges. Additionally, by using the [Quick Start](#) professional service, the client had support and assistance from Globalscape engineers and was able to implement the solution swiftly and with reduced risk.

The Challenge

The client's Cloud Infrastructure group started a project to move most of their applications into Amazon Web Services and Microsoft Azure. They had multiple on-premises servers to exchange data with the cloud. The company experienced a number of security and operational concerns after the addition of cloud transfers, including:

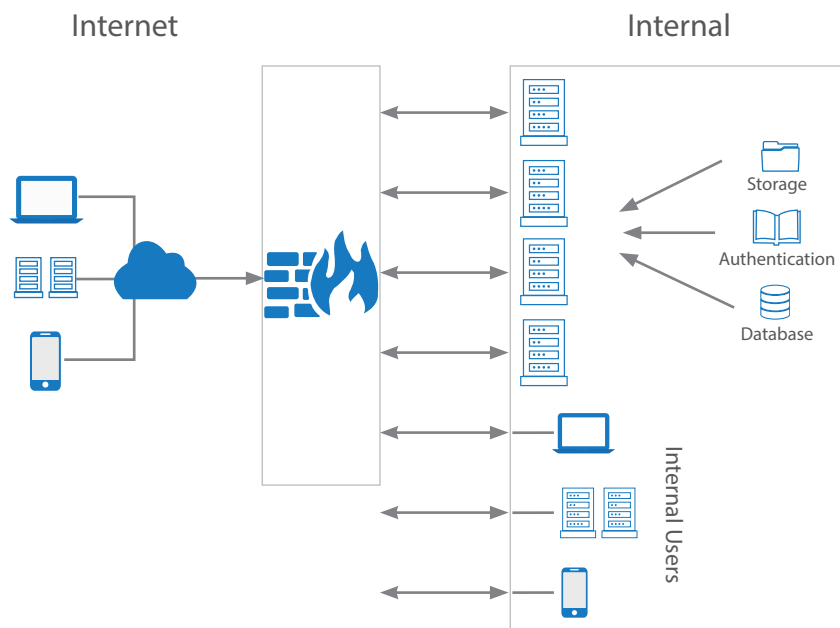
- Management and monitoring of the servers was difficult and ineffective, due to the use of multiple servers to perform transfers.
- Too many ports open into the cloud environment created security concerns and compliance issues.
- A 100s of applications manually transferring data to and from the cloud made for a costly and inefficient process.
- Servers were overloaded with data backups, making transfers unreliable and inefficient.

The company was using Globalscape EFT for on-premises data management, so they contacted Globalscape for help with securing and fine-tuning their cloud and on-premises infrastructure.

The Solution

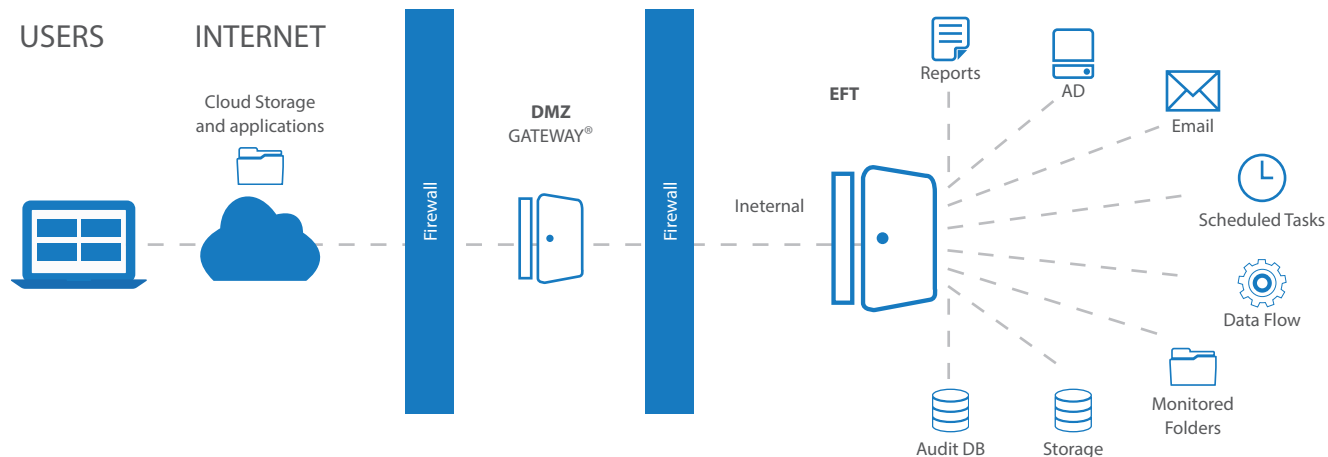
Globalscape used several modules, including [DMZ Gateway](#), [Advanced Workflow Engine](#), [OpenPGP module](#), and the Advanced Security module to deliver a comprehensive solution for improving the client’s data exchange with the cloud.

Original Configuration



Business’s Pain Points	Globalscape Solution
Multiple servers to perform transfers	All servers were merged into EFT Enterprise servers with DMZ Gateway® Multi-site.
Too many ports open into the cloud environment	Using DMZ Gateway limits the number of ports used, which allows the client to meet security requirements internally as well as federal requirements.
Concerns over lack of security	Protected the DMZ of the network with DMZ Gateway and limited ports. Additionally, the use of OpenPGP module to encrypt data at rest, and Advanced Security Module to facilitate compliance with PCI DSS provided extra layers of security.
100s of applications that were manually transferring data to and from the cloud	Enable client to retrieve files from their application server in AWS and send the files to their on-premises EFT to do the external transfers -- this avoids costly charges by AWS for the external transfers. Automated the exchange of files with their AWS cloud environment and S3 storage by creating event rules via cloud actions in the Advanced Workflow Engine (AWE).
On-premises solution with multiple servers was overloaded with data backups	Automated the EFT backups and the transfer of the server backups to cloud storage by using the automatic backup feature of EFT and the cloud action in EFT event rules.
PCI DSS required lots of IT staff time to monitor compliance settings	The Auditing and Reporting module (ARM) provides automated reporting for security and compliance, and EFT warns administrators if there is a possible issue.

Solution Configuration



Key Benefits

- Cost savings, improved manageability, and stronger security by having centralized system of file sharing
- Fewer network ports open meets federal requirements
- Business flexibility with both on-premises and cloud infrastructure
- Secure method of cloud file sharing
- Reliable and efficient data sharing with faster delivery
- Automated reporting for security and compliance

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