solarwinds

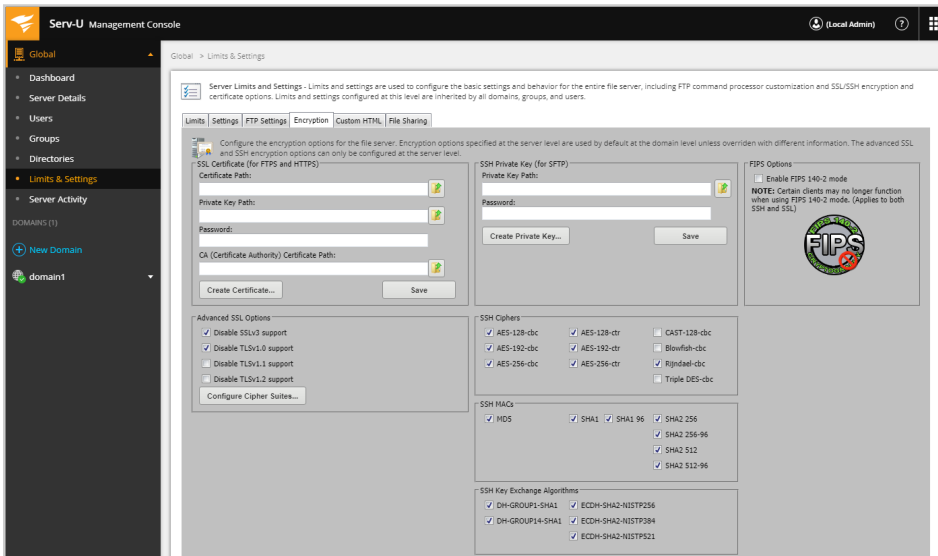# Serv-u® Gateway

No data stored in dmz. Meet compliance requirements.

> **"** *Serv-U strikes a good balance between cost, features, and stability.* **"**
>
> — Bradley Mitchel
> About.com

Serv-U Gateway is a secure addition to **Serv-U MFT Server** and S**erv-U FTP Server**. It allows you to safely accept incoming connections in the DMZ, and provides deeper protection for file transfers on secure networks. Gateway plays a similar role to that of a reverse proxy server. It safely handles traffic that should not be directly passed from the Internet to secure internal systems. A two-tier deployment involving Serv-U and Serv-U Gateway satisfies most "managed file transfer" requirements.

SERV-U GATEWAY AT A GLANCE

- Safely accepts all incoming connections on a hardened server (whether using FTP, FTPS, SFTP, HTTP or HTTPS) located in the DMZ segment.
- Avoids all inbound connections from the DMZ to the secure private network.
- Ensures that no data is stored in the DMZ segment.
- Supports FIPS 140-2 validated cryptography.
- Supports configuration and file transfer over IPv4 and IPv6 networks.
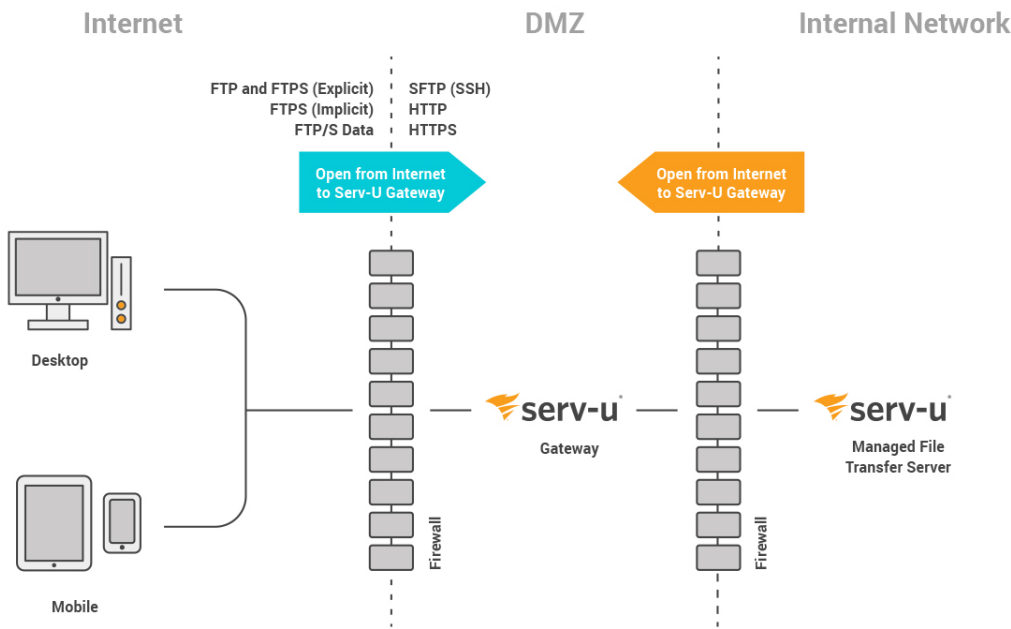
ADVANTAGES

- **Security:** No data is ever stored in the DMZ. All incoming connections to the internal network are safely accepted without exposing sensitive systems.

- **Compliance:** Helps meet PCI DSS and other high-security compliance standards.

- **High Availability:** Supports active-active N+1 horizontal scaling of Serv-U MFT Server.

- **Load Balancing:** Helps distribute incoming connections to different Serv-U MFT Server instances with the help of network load balancers.

- **Configuration:** Helps simplify configurations for complex Serv-U deployments.

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Fully functional for 14 days

Secure DMZ Deployment
with Serv-U Gateway

Internet   **DMZ**   **Internal Network**

FTP and FTPS (Explicit)   SFTP (SSH)
FTPS (Implicit)   HTTP
FTP/S Data   HTTPS

Open from Internet to Serv-U Gateway

Open from Internet to Serv-U Gateway

Desktop

Mobile

Firewall

serv-u
Gateway

Firewall

serv-u
Managed File Transfer Server

HOW GATEWAY WORKS

- Serv-U MFT Server or Serv-U FTP Server connects to Serv-U Gateway and tells it to listen to client connections on specific IP addresses and ports. This connection is called the "Gateway Connection Channel."

- When an FTP client connects to Serv-U Gateway, it informs Serv-U about a new connection.

- Serv-U, sitting on the internal network, checks the client's IP address and performs authentication as required.

- Once the client is approved, Serv-U opens a new connection to Serv-U Gateway called "Gateway Data Channel."

- Gateway stitches the incoming client connection to the new Gateway Data Channel created specifically for this connection, and facilitates safe data transfers between the FTP client and Serv-U file transfer server.

INTEGRATION WITH OTHER SOLARWINDS PRODUCTS

Serv-U Gateway can be used with **Serv-U Managed File Transfer (MFT) Server** and **Serv-U FTP Server**. Gateway provides defense-in-depth security to Serv-U deployments. This type of architecture is essential to meet PCI DSS, managed file transfer, and other high-security requirements.

SYSTEM REQUIREMENTS

HARDWARE	MINIMUM REQUIREMENTS
CPU	1.0 GHz Processor (Dual Core Recommended)
Memory	256 MB (or minimum required by Operating System)
Hard Drive	30 MB
Application Ports	• 21/FTP for FTP and Explicit FTPS • 990 for Implicit FTPS • Small range of high ports for FTPS • 22/SSH for SFTP • 443/HTTPS and 80/HTTP for Web transfer, file sharing and administration • 1180 (proprietary) for connection from Serv-U to Serv-U Gateway (See **Serv-U Firewall Guide** for more details.)

SOFTWARE	MINIMUM REQUIREMENTS
Operating System	• Windows® Server 2003, 2008, 2008 R2, 2012, 2012 R2, 32-bit or 64-bit • CentOS™ 6.4, 32-bit or 64-bit • Red Hat® Linux® (RHEL) 6.4, 32-bit or 64-bit • Fedora® 19, 32-bit or 64-bit • Ubuntu™ • OpenSUSE™

Configuring Serv-U Gateway is a simple process that you complete on the management console of Serv-U MFT Server or FTP Server. No local configuration is required at the location of the Gateway installation.

Read the **Serv-U Distributed Architecture Guide** to understand the various deployment options of Serv-U Gateway.

TRY BEFORE YOU BUY. DOWNLOAD A FREE TRIAL!

File transfer has never been easier or this secure! But don't just take our word for it. At SolarWinds®, we believe you should try our software before you buy. That's why we offer free trials that deliver full product functionality. Download and install Serv-U® Gateway with Serv-U MFT Server to secure, centralize, and simplify file transfers in your organization.

ABOUT SOLARWINDS

SolarWinds (NYSE:SWI) is a leading provider of powerful and affordable IT management software. Our products give organizations worldwide—regardless of type, size, or complexity—the power to monitor and manage their IT services, infrastructures, and applications; whether on-premises, in the cloud, or via hybrid models. We continuously engage with technology professionals—IT service and operations professionals, DevOps professionals, and managed services providers (MSPs)—to understand the challenges they face in maintaining high-performing and highly available IT infrastructures and applications. The insights we gain from them, in places like our THWACK community, allow us to solve well-understood IT management challenges in the ways technology professionals want them solved. Our focus on the user and commitment to excellence in end-to-end hybrid IT management has established SolarWinds as a worldwide leader in solutions for network and IT service management, application performance, and managed services. Learn more today at www.solarwinds.com.

CONTACT US

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