SecuriCDS® File Transfer Guard

Secure information exchange

SecuriCDS File Transfer Guard offers a unique and secure way of exchanging file information between security domains. Powered by ZoneGuard technology, the SecuriCDS File Transfer Guard enforces your IT policy cross-domain file exchange.

A secure way of exchanging information

The SecuriCDS File Transfer Guard is designed to integrate two separated security domains where some files are allowed to be transferred over the zone border. Typical use cases include controlled release of documents over zone border, label guard and restricting file transfer based on file type fingerprints or meta data. Validation can be made in depth where the file content can be filtered and approved before the file is actually transferred cross the zone border.

The use cases are supported by a programmable filter which can be designed by an IT organisation and approved by a third party, e.g. IT Security Manager, before the File Transfer Guard itself allows it to be installed. The File Transfer Guard runs on the ZoneGuard PE150 hardware which offers gigabit performance and separate Ethernet interfaces for Data-1, Data-2, Administration and Log, all in 1UE for 19" rack.

Reduces potential attack vectors

The SecuriCDS File Transfer Guard reduces potential attack vectors by limiting allowed file formats or validating meta data before transfer. Also, file content can be validated to comply with an information policy. For easy integration into current IT systems, both FTP and SFTP file transfer protocols are supported.

ZoneGuard technology

File Transfer Guard uses ZoneGuard technology to achieve secure information exchange between two separate security zones. It reduces potential attack vectors by limiting e.g. allowed file formats or validating meta data before transfer.

Validation of information

The information within the network data is always controlled using full message inspection. With ZoneGuard there is no risk that partial network data and information bypasses validation.

Unique information policy enforcement

ZoneGuard safeguards which information that will be passed on to the receiving network. The policy controlling the vital validation of information is defined by the organisation and based on their specific needs and internal or external regulations.

Advantages for IT teams

- Clear architecture for cross domain transfers
- Fulfilment of internal and regulatory requirements
- Eliminates “what if”
- Separate logs for non-sensitive information to enable monitoring
- Easy integration using standard network protocols
- Providing NTP for sensitive network

Advantages for IT Security teams

- Clear architecture for cross domain transfers
- Take full control of information passing between security domains
- Information centric design with full message inspection
- Sets focus on the information handling not the transport protocol used
- Separation of duties including Third Party Control for policy approvals
- Enforces organisations IT Policy on file transfers
- Acts as an information guard between security domains
- Full audit trail
- Protocol gap to reduce attack surface

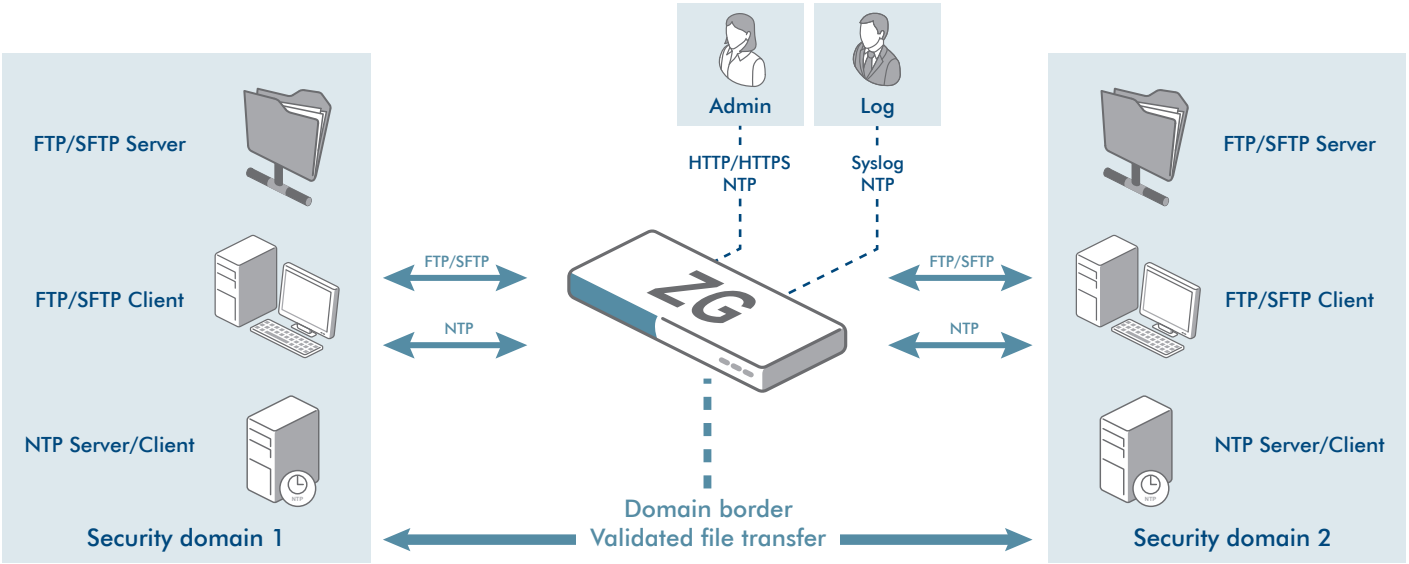
File transport protocols

The File Transfer Guard is compatible with two very common file transfer protocols, FTP and SFTP. To enable easy integration into diversified IT architectures both server and client protocols are supported.

Log

The File Transfer Guard creates log output on three different interfaces Data-1, Data-2 and Log. The two FTP/SFTP file transfer services log to the data interfaces while the ZoneGuard system logs to the log interface. This distinction between the logs creates a secure environment where the administrator can be sure of the origin of the logs. Security related logs from the validation will never be mixed with the file transfer protocol.

The ZoneGuard system supports when your organisation has the need to control and log controls. It also gives you the ability for full audit trails. ZoneGuard can be configured to log any piece of the information entering its validation core. This is vital when you need to provide evidence of compliance to policies and regulations.



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