

Backup for ISA Server

Technical Datasheet



Backup for ISA Server

Winfrasoft Backup for ISA Server is the world's first complete backup solution designed specifically for Microsoft ISA Server. It allows ISA Server administrators to backup & restore their ISA Server configuration and log data on a scheduled or manual basis. Backups are performed by running a simple wizard and backup archives can be saved directly to remote file servers for off box storage. Backup archives are highly compressed and encrypted for efficient storage and maximum security.

Whether you are running a large ISA Array or a single ISA Appliance, Winfrasoft Backup for ISA Server is the ideal disaster recovery solution – a necessity for any ISA Server deployment!

Backup for ISA Server feature highlights...

Major Features / Edition	Standard	Enterprise
Backup of ISA Server configuration	✓	✓
Backup of ISA Array configuration	-	✓
Backup of ISA Enterprise policy	-	✓
Backup of Firewall logs	✓	✓
Backup of Web Proxy logs	✓	✓
Backup of IP and Routing information	✓	✓
Backup Array log data from a single server	-	✓
Scheduled backup jobs	✓	✓
High security - AES 256bit encryption	✓	✓
Small size - PPMd compression (over 95%)	✓	✓
Central network storage of backups	✓	✓
Supports selection files	✓	✓
Command line interface for scripting	✓	✓
Slick .NET based Wizard driven user interface	✓	✓
ISA Server 2004 and 2006 support	✓	✓
Native support for Websense Security Suite*	✓	✓

* Websense support is an optional extra.



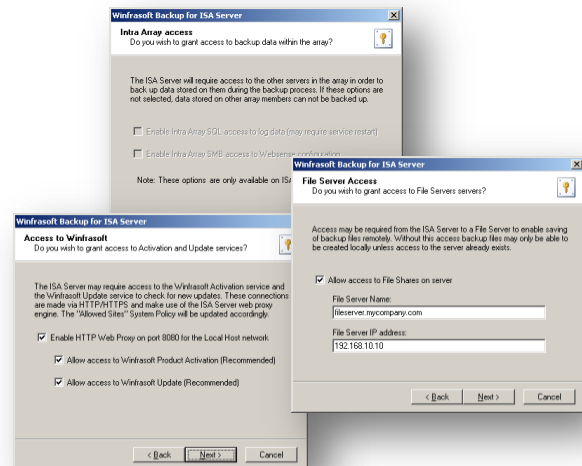
Deployment

Deployment of Backup for ISA Server has been designed to be as simple as possible. The installation routine is based on Windows Installer 3.0 MSI technology. The installer and all binaries are digitally signed for security. The ISA Configuration Wizard guides you through the process of setting up ISA Server for the various Backup requirements.

Management

Ongoing Management is aided by:

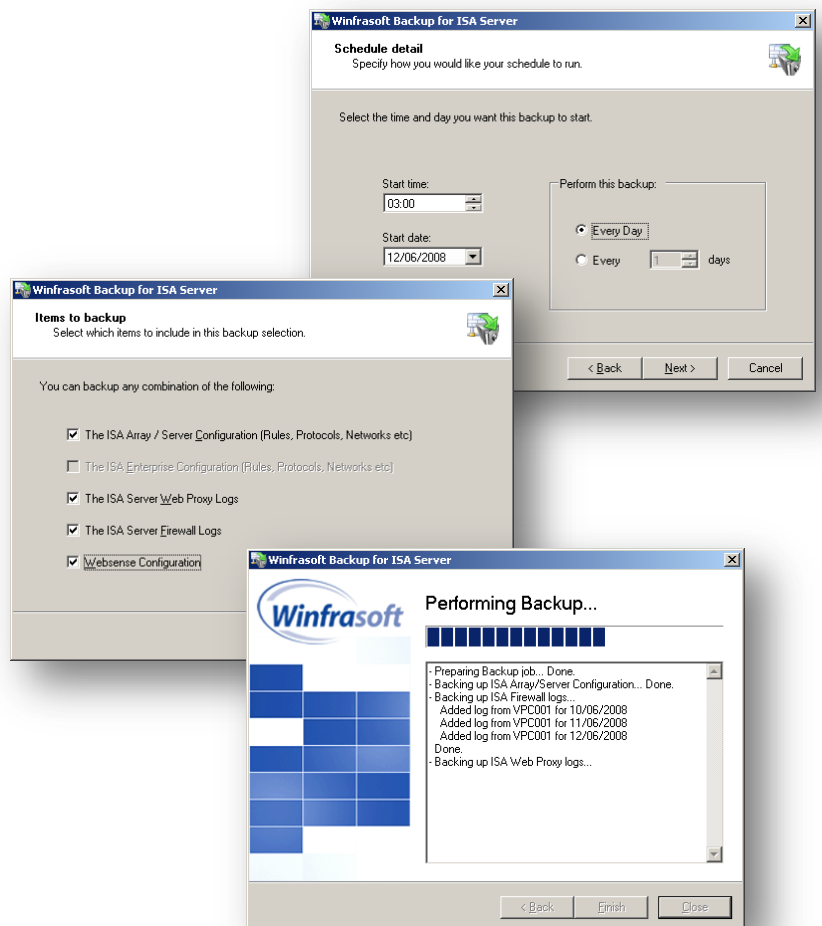
- Small and secure backup archive files
- Windows Event Log logging
- Central storage of backup archives
- Diagnostic logging for troubleshooting
- Auto update notification and upgrade



Tech Notes

- ✓ Non-intrusive “online” backups with no down time
- ✓ Double click restore and fast server recovery time
- ✓ AES Encryption and PPMd compression technologies
- ✓ Low priority thread usage
- ✓ Use Windows task scheduler or separate scheduling tool
- ✓ Command line scriptable with XML selection files
- ✓ No clear text password left behind in files
- ✓ Windows Explorer shell integration
- ✓ Built on Microsoft .NET Framework 2.0 – no Java or ActiveX!
- ✓ Perfect for ISA migrations
- ✓ Ideal for Audit reviews on a non-live server environment
- ✓ VeriTest tested for ISA Server

Backup for ISA Server in action:



What makes Backup for ISA Server unique?

Like Microsoft Exchange Server and Microsoft SQL Server, Microsoft ISA Server is a specialised product which makes use of different storage technologies including the Registry, ADAM (LDAP) and MSDE (SQL).

A traditional file based backup system is not able to backup an ISA Server as the logs are stored in an open database, and the rules are not stored in flat files. Scripts could be written to export the ISA configuration to a file however this method has serious security flaws as there is no password security. In addition, this does not cater for the MSDE log data. SQL command line tools with custom scripting could be used to export SQL data from MSDE, however these exports are very large and would have to be run on every server in an array. Furthermore, these SQL exports do not allow for restoring the data directly back into ISA Server thus the ISA MMC log viewer cannot be used to access the information - not suitable for disaster recovery.

Winfrasoft Backup for ISA Server simplifies these and other issues by providing a complete, easy to use solution for backing up an ISA Server. Backup archives are output as a highly compressed single file to cater for large log databases. The archives also use strong 256bit AES encryption to protect the configuration and sensitive log information. An entire ISA Server Array can be backed up to a single file, including the logs from all the servers. The data from one or more servers can be restored to a single server for recovery or log analysis purposes.



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