

avast! 4 Server Edition is the most powerful protection available to fight virus infections of your Windows-based server or servers. It works both as a classic protection of file-servers and, via its optional plug-ins - such as avast! 4 ISA server edition - as a protection of various subsystems running on the server, including electronic mail, firewall/proxy etc.

avast! 4 ISA server edition provides an excellent antivirus solution for your MS ISA Servers (or MS Proxy Server 2.0). By providing real-time scanning of HTTP and FTP traffic at the gateway, you can greatly reduce the risk of infection from the World Wide Web (including web-based mails).

The softwares' main features include high-performance scanning, superior scalability, strong reporting capabilities and the fact it perfectly integrates with ISA Servers via Microsoft's own „ISAPI“ interface.

The product works as a plug-in for avast! Server Edition, therefore, using the same high-performance, award-winning, ICSA-certified engine as the Server Edition itself, providing your systems with maximum protection.

Real-time HTTP scanning

One of avast! ISA Server Edition's most important jobs is the real-time scanning of all HTTP traffic. With today's boom of free webmails and other online hazardous content, HTTP scanning is becoming a necessity rather than just an option. Thanks to tight integration with the ISA Server itself, avast! is able to effectively detect and remove viruses from all WWW pages/downloads regardless of how a client is downloading the infected program. Whether using IE (or any other browser), a 3rd party download acceleration tool or any one of various other ways, you can be confident that it will be properly screened and disinfected before it reaches the user. Of course, the scanning is not confined to just programs, scripts, ActiveX objects, and any other potentially hostile objects are monitored as well.

Special care has been taken to ensure the software correctly handles even huge downloads (a typical problem of gateway-based AV solutions). avast! makes sure that scanning is performed properly even for these objects whilst still making sure that the client programs will not time-out waiting for a response from the proxy.

Real-time FTP Scanning

Besides real-time HTTP scanning, avast! is able to filter FTP traffic as well.

FTP is still an important protocol for file transfers (and downloads as well) and as such deserves as much attention as HTTP scanning. Thanks to the design of the CERN Proxy protocol (also known as the HTTP proxy protocol), avast! is able to transparently handle all FTP traffic using its HTTP filtering module, so as to offer, again, superb protection.

High Scalability

avast! ISA Server Edition is easily deployable and works perfectly, even on large datacenter servers and cluster servers. The scanning engine was designed with two basic goals in mind, those being, performance and stability. It's also able to bestow multiple CPUs, fully leveraging the potential of today's advanced server hardware. Furthermore, it supports scanning in memory (including the decompression of archives / packed files), resulting in unrivaled scanning speed and robustness.

URL Blocking

avast!, ISA Server Edition also contains a simple URL blocker. You can specify URL masks (such as `http://www.penthouse.com/*` or `*xxx*`) of addresses that will be blocked from all access. This is a very simple yet extremely powerful way to prevent certain sites from being visited from the workspace.

Alerting & Logging

As with any server-side software, it is very important to provide an effective means of monitoring. For these purposes, avast! offers a wide range of possibilities. These include thorough notification capabilities via e-mail and avast's built-in Notification Manager (which supports a number of other transport protocols), rich logging features, and performance counters.

Automatic Update

The ISA Server Edition uses identical updating modules as avast! Server Edition itself, resulting in unparalleled speed and size of updates. The updates can be either installed automatically by the updater, or manually. It is also possible to set the system up so that the updater first asks the administrator - prior to installing any updates.

Main Features

Antivirus Kernel

- Almost 100% detection with outstanding performance
- Award-winning, high-performance engine
- ICSA certified

User Interface

- Real-time HTTP scanning
- Real-time FTP traffic filtering

Updates

- Updates can be completely automatic
- Unparalleled speed and size of updates

Other

- High scalability
- Works even on large datacenter servers and cluster servers
- Supports scanning in memory
- Built-in notification manager
- Offers controllable URL blocking
- Perfectly integrates with ISA Servers

Minimum System Requirements

FOR A COMPUTER WITH WINDOWS SERVER 2000/2003

- PC Pentium
- 128 MB RAM
- 50 MB of free hard disk space

THE ISA SERVER EDITION WORKS WITH:

- Microsoft Proxy Server 2.x, or
- Microsoft ISA Server 2000, or
- Microsoft ISA Server 2004