

# **Release Notes**

## **for Kerio Control 8.2.2 patch1**

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### **1 Introducing Kerio Control 8.2**

#### ***Content filter***

The times when a firewall configuration meant blocking some port and permitting another are gone. These days many applications use random TCP/UDP ports and administrators want to block particular activities rather than ports. This version of Kerio Control introduces Content Filter able to block Kerio Web Filter categories and different types of application protocols regardless of a used port. This filtering on different network layers is easily configured by a single set of rules similar to Traffic Policy.

#### ***HTTP protocol inspection on IPv6***

The adoption of IPv6 constantly increases. This version of Kerio Control adds IPv6 support to HTTP protocol inspection, bringing Antivirus, Kerio Web Filter and enabling content filtering on this protocol.

#### ***L2TP interface***

To deliver Internet to customers, internet service providers sometimes use the L2TP interface. With L2TP interface type support you can connect Kerio Control directly to such Internet line.

#### ***Upgrade from previous versions***

Although we made the Content Filter to cover the vast majority of features of previous versions, upgrade of some HTTP and FTP rules might not be possible. In such case the rule is disabled and message is logged into the warning log. Please check your rules and warning log after upgrade.

#### ***PAE enabled in Linux kernel***

In order to support more than 4 GB of RAM we enabled PAE support in Linux kernel. The downside of this feature is that the kernel will not boot on CPU without PAE technology. It applies to Intel Pentium (first generation), AMD Geode LX, VIA C3 and similar processors. Before installing Kerio Control please verify the CPU capabilities.

## 2 Full List of Changes in Kerio Control 8.2.2 patch1

### *Changes in 8.2.2 patch1*

- Fixed: possible deadlock in Content Filter

### *Changes in 8.2.2*

- Pre-windows 2000 account name is now used if user have secondary UPN suffix in Active Directory
- Fixed: Stability issue in User database
- Fixed: Forbidden words was always disabled after reboot
- Fixed: Kerio Control Administration: Several minor stability issues

### *Changes in 8.2.1*

- Content Filter: File name is now detected also in URL
- Kerio VPN Client: Driver is not installed to /System/Library/Extensions on OS X 10.9 Mavericks
- Fixed: Content rule URL condition "\*" incorrectly matches non-HTTP connections
- Fixed: Stability issue in HTTP protocol inspector
- Fixed: HTTP cache TTL was not computed correctly
- Fixed: Kerio Control Administration: several stability issues

### *Changes in 8.2.0*

- Content Filter feature replaces HTTP and FTP policy
- Added L2TP interface type
- PAE was enabled in Linux kernel, more than 4GB of RAM are now detected
- IPv6 support was added to HTTP protocol inspection
- Space occupied by HTTP cache is now reported in storage space management
- Enabled workaround for poor performance of particular TCP connections in VMWare vmxnet driver
- Backup DNS servers are now detected in Active Directory domain
- HTTP proxy server now supports method OPTIONS
- Kerio Control Administration: definitions can be edited directly from the policy screens
- Kerio Control Administration: unsupported Ethernet port speed / duplex is now reported
- Kerio Control Administration: particular screen can be opened by URL bookmark
- Fixed: Kerio Control Administration: Properties of user named "admin" from Active Directory are now editable
- Added support for Internet Explorer 11 and Safari 7 browsers
- Kerio VPN Client: Added support for OS X 10.9 Mavericks, dropped support for Mac OS X 10.7 Lion and older

### **3 Open Source Software Notice**

Kerio Control includes open source software. The complete open source code packages of these components are available in Kerio Software Archive at <http://download.kerio.com/archive/>.

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