

Release Notes

for Kerio Control 7.2.2

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1 Introducing Kerio Control 7.2

Bandwidth Management and QoS

A little revolution now and then is a good thing. Here is the new standard for Quality of Service.

This is true Quality of Service the Kerio way. Not only is reserving bandwidth for prioritized services as simple as checking a box, but you will have the power to throttle bandwidth to help enforce web usage policy. Yes, you can have it your way: Salesforce will be blazing fast while YouTube is painfully slow. We are confident that Kerio Control is the only product of its kind with a combination of features and that are as effective as they are easy to manage.

The new Bandwidth Management and QoS option replaces the previous Bandwidth Limiter. The intuitive interface gives you the flexibility to create rules to reserve bandwidth based on the following criteria:

- Traffic type (Email, FTP, Instant Messaging, Multimedia,P2P, Remote Access, SIP VoIP, VPN, Web Browsing)
- Users or User Groups
- Users with exceeded quota
- Large data transfer
- Packets matching a Traffic rule (created in Traffic Policy configuration)
- Service (extensive predefined list of services)
- Packets marked with QoS DSCP value (for prioritizing traffic over the Internet)

How Bandwidth Management works?

Reserve bandwidth in increments of kilobits, kilobytes, megabits or megabytes. Or – if you prefer – it can also be reserved as a percentage of the total available throughput of your Internet connection.

Restrict bandwidth; a rule can combine minimum and maximum bandwidth for creating a guaranteed performance range for a service while leaving enough excess bandwidth for other services. Each rule can have separate setting for download and upload and you can apply the rule to any or all Internet links.

By default, Kerio Control includes a preconfigured rule for SIP VoIP which you can edit based on anticipated call volumes to ensure satisfactory call quality (a SIP phone call using a G.711 codec consumes about 10 KB/s).

Fight the wasters - support the power users

Applying QoS rules for users is straightforward and powerful. Power users can't afford to wait when uploading files to remote servers or using critical cloud-based solutions. Create a traffic policy rule for their web activity and then create a rule based on that traffic policy in Bandwidth Management to reserve the throughput they need; amazingly simple yet effective.

Note on upgrading: In some cases certain settings of the former Bandwidth Limiter feature may not be fully taken over by the new Bandwidth Management and QoS. Please check your configuration once you upgrade. Refer to the following Knowledge Base for more information: <http://support.kerio.com/kb/631>.

Apple Open Directory Integration

Mac administrators rejoice - UTM coming your way

Apple Open Directory is now a supported directory for user management in Kerio Control along with Microsoft Active Directory and our own internal database. Our software and hardware appliances have been gaining traction Mac OS X environments after the addition of our Mac VPN client. Now you can map user accounts directly to Apple Open Directory from the Domains and User Login option under User and Groups, allowing you to maintain a single user directory for your network. Which other UTM solution gives you that?

We look forward to hearing your feedback on this release and we thank you for your continued support in the development of our products.

2 Full List of Changes in Kerio Control 7.2.2

Changes since 7.2.1

- Fixed: stability issue in Active Directory users mapping
- Fixed: stability issue in MAC filter
- VPN Client: Ubuntu 11.10 added to the list of supported operating systems

Changes since 7.2.0

- Added possibility to specify HTTP and FTP rules in Bandwidth Management rules
- Fixed: stability issue in proxy server debug logging
- Fixed: connection age longer than 1 day is now correctly displayed
- Fixed: minor stability issue in administration interface
- Dropped support of Mac OS X 10.4

Changes since 7.2.0 RC 1

- Support for Safari 5.1 has been added to Web administration, StaR and SSL-VPN
- Support for Mac OS X 10.7 Lion has been added to VPN Client
- Fixed: Template for user accounts is overwritten after joining directory service
- Fixed: VPN Client: Unable to connect user via the menu bar icon on Mac OS X
- Fixed: Wrong content after re-ordering columns in Active Connections
- Fixed: Name of user group from Apple Open Directory is not displayed correctly in rules
- Fixed: User group from Apple Open Directory contains all domain user accounts and groups even if it was empty (no users or groups were assigned)
- Fixed: Protocol inspector causing Windows edition to slow down upload way below the link bandwidth

Changes since 7.2.0 beta 2

- Kerio Control comply with discontinuity of daylight saving time in Russian time zones
- Users and user groups can be used to specify traffic for Bandwidth Management
- Software and hardware appliance: All attributes of the mapping are replaced by attributes of the joined domain when mapping from a directory service is active while joining a domain
- Fixed: DHCP requests are blocked by blacklists of Intrusion Prevention
- Fixed: Limiting bandwidth to percentage of the link was affected by other Internet interfaces
- Fixed: DSCP value was reset to 0 during processing by Protocol inspectors or non-transparent proxy
- Fixed: The Traffic Rules screen does not work when some rules contain 10 services or more
- Fixed: Visual glitches in Traffic Charts
- Fixed: Active Connections are sorted incorrectly by columns Source and Destination
- Fixed: Option "Hide local connections" doesn't work properly in lists of connections
- Fixed: Manual refresh of status screens doesn't work
- Fixed: Selection of external antivirus is always reset to AVG Email Server Edition
- Fixed: Unable to use username in form "DOMAIN\username" when joining a domain
- Fixed: Kerio StaR: Information about start of activities is missing in some localizations

Changes since 7.2.0 beta 1

- Support for Firefox 5 has been added to Web administration, StaR and SSL-VPN
- Improved contextual help for Bandwidth Management
- Fixed: Unable to access Internet over ADSL connection with subnet mask 255.255.255.255
- Fixed: Wrong content after re-ordering columns in Policy screens
- Fixed: Active Hosts: connections are not filtered for selected host
- Fixed: Autorefresh doesn't work Status screens
- Fixed: Scrolled position is kept after editing an item

- Fixed: Cannot choose source for a HTTP rule
- Fixed: Unable to upload files with UTF-8 characters in name using Clientless SSL-VPN
- Fixed: Sophos update does not work via parent proxy with authentication
- Fixed: Unable to stop searching in Logs
- Fixed: Searching a large log causes 100% usage of CPU
- Fixed: Google Chrome: List of items is resrolled, when clicking on checkbox in the last column
- Fixed: Administrator authenticated over Directory service is not able to delete local user accounts
- Fixed: Unable to logout all users at once in Active Hosts
- Fixed: Limiting bandwidth based on Traffic Type is unstable

Changes since 7.1.2

- Bandwidth can be now managed easily on one place and also traffic rules can be used to fine-tune
- Traffic charts can be activated for Traffic and Bandwidth Management rules
- Support for Google Chrome has been added to Web administration
- Support for authentication in Apple Open Directory has been added
- The Domains and User Login screen has been redesigned
- Several user accounts can be edited at once. Also they can be directly enabled/disabled from context menu
- Upgrade can now be performed by direct upload of an upgrade file via Web Administration
- Usability of status screens, namely Active Hosts and Active Connections, has been improved. More than one row can be selected to perform some operation
- Long lists are listed without paging in Web Administration
- Added column with user rights to the user account list
- List of user accounts displays number of users defined in currently displayed domain
- A specific record in the DNS hosts table can be found easily in the hosts editor
- Debug and Filter log allow to adjust the format of logged packets
- Navigation in list of rules by the Page Up and Page Down keys has been improved
- Usability of long dialogs on smaller screen resolution has been improved
- Debugging messages from Web Administration can be enabled in Debug log
- DHCP leases can be transferred to another machine using the configuration export/import
- Performance of IPS blacklists has been improved
- VPN Client can now verify an SSL chain including an intermediate certificate
- Multiple bug fixes and improvements have been done in Active Directory integration
- Added possibility to force reconnect all VPN tunnels when primary line goes back online in failover scenario
- Old inactive users with no data are now automatically purged from StaR
- Fixed: Some MAC addresses were incorrectly matched by MAC Filter
- Fixed: FTP over HTTP Proxy for URLs containing some special characters
- Fixed: Scrolling in logs overloaded Kerio Control Engine
- Fixed: Erasing a log took up to 1 minute

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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