

## iPrism v. 6.410

iPrism v. 6.410 adds new features to iPrism and fixes outstanding issues.



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## New Features

- **Remote Filtering** – Adds filtering capabilities to Windows and Mac systems that are off-premises while eliminating the need to VPN or proxy to the company's iPrism. Remote Filtering empowers administrators to centrally control remote user policies and run remote filtering reports from their iPrism appliance.
- **Overrides** – Significant improvements to the Overrides feature, including a new user interface, the ability to specify custom duration options, and the ability to assign profiles.
- **LDAP Load Balancing** – Adds support for a round robin configuration to load balance requests across all designated LDAP servers.
- **New iPrism User Settings Screen** – The user is given the ability to control whether extra popup windows are displayed in the iPrism user interface.

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## Upgrade Path

iPrism v. 6.221, v. 6.301, v. 6.400 and v. 6.402 can upgrade to v. 6.410 on the same appliance (applies to M500\*, M1200\*, M3100, M11000, 10h, 20h, 30h, 50h and 100h).

- If you have iPrism v. 4.2, you will have to first upgrade to iPrism v. 5.x and then to v. 6.221. If you have v. 5.x, you will have to upgrade to v. 6.221. Then, upgrade to v. 6.410.
- For all customers using v. 4.2 and above, your configuration files will be applied after each upgrade is installed. If you buy a new h-Series appliance, you must use a backup from v. 6.221 or newer to restore your configuration to the new appliance.
- \* Note: If you have the M500 or M1200 iPrism appliance (manufactured from 2002 to 2007), it will run slowly when interacting with the new user interface. Maximum throughput is reduced in these models while saving changes.

## Notes for Upgrading with Active Directory Network

- If you utilize AD authentication, you must confirm that the DNS server specified in iPrism is your domain controller. iPrism v. 6.410 uses a newer version of Samba®, which is used as the authentication client for the iPrism and makes it possible to support Active Directory. This version of Samba relies heavily on DNS interacting with the AD server.
- New! If iPrism is participating in Active Directory authentication, the following steps are taken.
  - o It will validate that an NTP server is setup.
  - o If a server is not setup, it will attempt to discover a valid NTP service running on any of the domain controllers available.
  - o If none is found then iPrism tries to determine if it can reach the following servers (in order: pool.ntp.org, time.windows.com).
  - o If it can find an available NTP server, it will auto-configure itself to use that service.
  - o If not, it will fail the upgrade with a message.
    - If you encounter this error, you must manually provision an NTP server on iPrism prior to attempting the upgrade.

## iPrism Bugs Addressed

The following bugs represent a subset of bug reports that were fixed in v. 6.410.

- Bug 7402: Enables round robin configuration for the LDAP server list.
- Bugs 7675, 7978, 8229, 8472, 8596, 8683: Fixes problems with reporting and ERS.
- Bug 7778: Corrects instances where iPrism would periodically lock up.
- Bugs 7817, 7868, 7918, 8037, 8055, 8108, 8193, 8199, 8207, 8263, 8275, 8284, 8298, 8398, 8399, 8410, 8424, 8445, 8452, 8466, 8482, 8503, 8507, 8509, 8547, 8572, 8573, 8580, 8635, 8705, 8706, 8707, 8721, 8724, 8725, 8738: Corrects a number of GUI issues, includes GUI enhancements, and adds back the option to delete pending requests
- Bugs 8027, 8239, 8316: Assorted documentation fixes and enhancements.
- Bugs 8048, 8067, 8342, 8382, 8383, 8450, 8505, 8527, 8536, 8546, 8561, 8566, 8570, 8582, 8628, 8673, 8751: Fixes a number of authentication and LDAP issues.
- Bugs 8162, 8459, 8460, 8528, Fixes a number of override issues including problems overriding when there is an "&" in the domain name.
- Bugs 8357, 8562: Fixes issues with Central Management
- Bugs 8379, 8427, 8549, 8853, 8702: Fixes issues with the HotFix Manager and resolves upgrade problems
- Bug 8574: Fixes instances where Custom Filter was not taking effect
- Bug 8627: Fixes bug where iPrism could take a long time to reboot
- Bug 8693: Fixes system crash when parsing anonymizer exceptions list
- Bug 8697: Fixes erroneous changes to wsl.log content when rotated
- Bug 8917: Fixes problems loading http://tweepi.com in proxy mode when AV scanning is enabled

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## Important iPrism Notes and Outstanding Issues

- Sometimes, when changing the Remote Filtering Automatic Log Retrieval Interval to something other than the default value (every 15 minutes), iPrism does not set the interval to the new value. Instead, the default value is applied.
- The new Profile Override can only work if the user performing the override is allowed to the same category. For example, User1 tries to surf to a gaming site and is blocked. User2, who is also blocked from gaming sites, tries to do a profile override for User1. The iPrism block-page will appear again, because both users are blocked from gaming sites.
- The enable/disable buttons in the profile editor are superfluous and should not be used. This misleading feature will be removed in a future release. For now, simply delete undesired profiles as prescribed in the Admin Guide (see section, "Deleting a Profile").
- The Web Detailed Report will contain erroneous %22 symbols when overrides have been selected. This is a pre-existing problem, but may be more frequently seen with the new overrides capabilities. A fix will be forthcoming in a future release, and this issue has no impact on other iPrism functions.

## Remote Filtering Client Release

The Remote Filtering Client offers filtering capabilities to Windows® and Mac systems.

### Prerequisites

Windows OS Support: Microsoft® Windows XP® Pro SP3, Vista® (32 or 64-bit), Windows 7 (32 or 64-bit)

- HDD Space: Approximately 9 MB required for client software installation and log files (NOTE: Additional 10.3MB required for Microsoft Visual C++ 2008 Redistributable if not already installed)
- Remote Procedure Call (RPC) and Windows Installer services are running (NOTE: Under normal operating conditions these services are always running)
- Windows OS must be installed on the C:\ drive; however, the client software can be installed on any drive

Mac OS Support: Apple® Macintosh® OS X® 10.5.8 (Leopard®) or 10.6.4 (Snow Leopard®)

- HDD Space: 7MB required for installation and log files

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## Installation

For both OSes, the logged-in user must have Administrator privileges (not a member of a power users group). A reboot is required once the installation procedure is complete and again upon uninstall.

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## Important Notes

- Location Awareness (the ability to distinguish if the remote filtering client is behind the home iPrism) requires the iPrism to be in bridge or transparent mode. If the iPrism is set as a proxy, the client will not be able to distinguish when it is behind the iPrism. A workaround is to establish a filter exception for the client workstation IP address.
- The Remote Filtering Clients' Machine IDs can be entered using the Installer UI, a key file, or a command-line argument. Special characters, except for - [hyphen] and \_ [underscore] are not accepted, and any other non-alphanumeric characters will be converted to hyphens - . It is important to recognize the possible conversion of special characters to hyphens for later use in referencing the machine ID (in the case of Client Exception configurations).
- When installing the Windows clients via the command line interface, you can either specify the key, machine ID and server, OR specify the Client Auth File which will automatically populate these same fields. Do not try to use both within the same command line.
- There are Post-installation tools available for both Windows and Mac clients to change a machine's MachineID. Please be sure to reboot after a changing the MachineID.
- Once a changed policy is pushed from the iPrism be aware that it may take a few minutes for the client's rating cache to reflect the new policy.
- The Remote Filtering Client software has been tested with version 5 of Citrix XenApp server. Earlier versions of XenApp and Metaframe (no longer offered by Citrix) have not been tested and are not guaranteed to function properly.
- An iPrism restore does not automatically trigger a policy push. As a result, the Remote Filtering client behaves according to the last policy that was pushed before restoring the backup. It takes up to one hour (which is the default time period) for the policy change to be reflected on the client.