

Oracle® iPlanet Web Proxy Server

Release Notes

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Oracle iPlanet Web Proxy Server Release Notes, Release 4.0.28

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Preface

Oracle iPlanet Web Proxy Server (also referred to as Proxy Server in this document) represents the HTTP caching and acceleration foundation for high-performance Internet and intranet environments. Oracle iPlanet Web Proxy Server is a system for caching and filtering web content and boosting network performance, offering integration with the entire network infrastructure, cross-platform support, and centralized management capabilities.

The information in this document is organized as follows:

- [Chapter 1, "Oracle iPlanet Web Proxy Server 4.0.28 Release Notes"](#) contains information about the features, enhancements, and issues resolved in the current release of Oracle iPlanet Web Proxy Server; the hardware and software requirements; and installation, migration, and upgrade notes.
- [Chapter 2, "Known Issues"](#) lists the important known issues and limitations at the time of the current release of Oracle iPlanet Web Proxy Server.
- [Chapter 3, "Product Documentation"](#) presents an overview of the Oracle iPlanet Web Proxy Server documentation; describes the documentation corrections, enhancements, and issues resolved; and provides information about how to access documentation, support, and training resources.
- [Appendix A, "Features and Enhancements in Previous Oracle iPlanet Web Proxy Server 4.0 Releases"](#) describes the features and enhancements in previous releases of the product.
- [Appendix B, "Issues Resolved in Previous Oracle iPlanet Web Proxy Server 4.0 Releases"](#) lists the issues resolved in previous releases of the product.

Audience

This book is intended for Web Server administrators to manage the server in production environments. The guide assumes familiarity with the following areas:

- Installing software
- Using web browsers
- Performing basic system administration tasks
- Issuing commands in a terminal window

Documentation Accessibility

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Conventions

The following text conventions are used in this document:

| Convention | Meaning |
|-----------------|--|
| boldface | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary. |
| <i>italic</i> | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values. |
| monospace | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

Oracle iPlanet Web Proxy Server 4.0.28 Release Notes

This chapter contains information about the features, enhancements, and resolved issues in the 4.0.28 release of Oracle iPlanet Web Proxy Server. Read this document before installing and configuring Oracle iPlanet Web Proxy Server, and then periodically thereafter for the most up-to-date information. This chapter also provides information about the platforms, software, technologies, and protocols that the latest release supports.

This chapter contains the following sections:

- [Features and Enhancements in Oracle iPlanet Web Proxy Server 4.0.28](#)
- [Issues Resolved in Oracle iPlanet Web Proxy Server 4.0.28](#)
- [Product Patches for Oracle iPlanet Web Proxy Server 4.0.28](#)
- [Hardware and Software Requirements](#)
- [Supported Software, Technologies, and Protocols](#)

1.1 Features and Enhancements in Oracle iPlanet Web Proxy Server 4.0.28

There are no new features or enhancements in Oracle iPlanet Web Proxy Server 4.0.28.

For information about the new features and enhancements in the previous Oracle iPlanet Web Proxy Server releases, see [Appendix A](#).

1.2 Issues Resolved in Oracle iPlanet Web Proxy Server 4.0.28

[Table 1–1](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.28. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table 1–1 Issues Resolved in Oracle iPlanet Web Server 4.0.28

| Issue ID | Summary |
|----------|--|
| 22591150 | Need an option to disable/suppress the warning header. |
| 23074461 | NSS Upgrade to 3.25 or later. |
| 23614417 | iPlanet Web Proxy Server enabled with only TLS 1.1 and TLS 1.2 fails to start. |
| 24557798 | Version changes for 4.0.28. |

For information about issues resolved in the previous Proxy Server releases, see [Appendix B](#).

1.3 Product Patches for Oracle iPlanet Web Proxy Server 4.0.28

The following table lists the issue IDs available for Oracle iPlanet Web Proxy Server 4.0.28 on My Oracle Support (<http://support.oracle.com>).

| Platform | Issue ID |
|--------------------------------|----------|
| Oracle Solaris SPARC (32-bit) | 24671497 |
| Oracle Solaris on x86 (32-bit) | 24671497 |
| HP-UX PA-RISC (32-bit) | 24671497 |
| Linux x86-64 (Linux 6) | 24671497 |
| Linux x86 (Linux 6) | 24671497 |
| Microsoft Windows (32-bit) | 24671497 |

1.4 Hardware and Software Requirements

This section provides information about the hardware and software requirements of Oracle iPlanet Web Proxy Server 4.0.28.

This section includes the following topics:

- [Supported Platforms](#)
- [System Virtualization Support](#)
- [Swap Space](#)
- [Operating System Patches](#)
- [Supported Browsers](#)
- [Deprecation Notices](#)

1.4.1 Supported Platforms

Complete information about supported operating environments and hardware for Oracle iPlanet Web Proxy Server 4.0.28 is available in the Oracle iPlanet Web Proxy Server 4.0.14+ *Certification Matrix*, which is available at:

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

1.4.2 System Virtualization Support

System virtualization is a technology that enables multiple operating system (OS) instances to execute independently on shared hardware. Functionally, software deployed to an OS hosted in a virtualized environment is generally unaware that the underlying platform has been virtualized. Oracle performs testing of its products on select system virtualization and OS combinations to help validate that Oracle products continue to function on properly sized and configured virtualized environments as they do on non-virtualized systems.

For information about support for Oracle products in virtualized environments, see:

<http://www.oracle.com/technetwork/middleware/ias/oracleas-supported-virtualization-089265.html>

1.4.3 Swap Space

In addition to the requirements provided in Oracle iPlanet Web Proxy Server 4.0.14+ *Certification Matrix*, your system must also have adequate swap space:

- Solaris requires a swap space that is at least as large as the amount of RAM on your system (twice the amount of RAM is recommended).
- Linux requires 256 megabytes of swap space.

1.4.4 Operating System Patches

It is recommended that you update your operating system with the latest applicable patches. Required patches are listed by platform.

1.4.4.1 Solaris Patches

The following is the required patch level for Oracle iPlanet Web Proxy Server 4.0.28 on Solaris SPARC and x86:

- Solaris 8 (SPARC): 108434-18 (shared library patch for C++)
- Solaris 9 (SPARC): 111711-12 (shared library patch for C++)
- Solaris 9 (x86): 111713-12 (shared library patch for C++)
- Solaris 10 (SPARC): NOT REQUIRED
- Solaris 10 (x86): 119964-03 (shared library patch for C++)

1.4.4.2 Linux Patches

The following are the required patch levels for Oracle iPlanet Web Proxy Server 4.0.28 in Linux:

- Red Hat Enterprise Linux Advanced Server 3: compat-libstdc++-7.3-2.96.128.rpm
- Red Hat Enterprise Linux Advanced Server 4: compat-libstdc++-33-3.2.3-47.3.rpm, compat-libstdc++-296-2.96-132.7.2.rpm
- SUSE Linux Enterprise Server 10 service pack 3: libstdc++33-3.3.3-7.8.1.rpm
- SUSE Linux Enterprise Server 11 service pack 1: libstdc++33-3.3.3-11.9.rpm

1.4.5 Supported Browsers

Complete information about supported web browsers for Oracle iPlanet Web Proxy Server 4.0.28 is available in Oracle iPlanet Web Proxy Server 4.0.14+ *Certification Matrix*, which is available at:

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

1.4.6 Deprecation Notices

Operating System Versions. As of the release of Oracle iPlanet Web Proxy Server 4.0.16, the following operating system versions are deprecated and will become unsupported in a future release of Oracle iPlanet Web Proxy Server:

HP-UX 11.11

Microsoft Windows 2000 Server and Windows 2000 Advanced Server
Red Hat Enterprise Linux Advanced Server 3
Solaris 8
Solaris 9 for SPARC and x86

Web Browser Versions. As of the release of Oracle iPlanet Web Proxy Server 4.0.16, the following web browser versions are deprecated and will become unsupported in a future release of Oracle iPlanet Web Proxy Server:

Microsoft Internet Explorer 6
Mozilla 1.4.1 and 1.7.2
Netscape Navigator 7.1 and 7.2

1.5 Supported Software, Technologies, and Protocols

The recent releases of Oracle iPlanet Web Proxy Server include the enhancements described in the following subsections.

1.5.1 Transparent Proxy

Oracle iPlanet Web Proxy Server 4.0 supports transparent proxy for HTTP/1.1 connections. Transparent proxying involves intercepting and processing web requests by using the proxy server, without the knowledge or control of clients. For example, a router for a local network is configured to redirect incoming TCP connections to the local port, in which the proxy server is active.

Add the following directive to the proxy server default object in the `obj.conf` file:

```
NameTrans fn="host-map"
```

This configuration enables the proxy server to use the HTTP `Host:` header of incoming requests to identify and redirect the request to the target remote server.

Note: Transparent proxy servers that decide connections based on the HTTP `Host:` headers are vulnerable to fake HTTP `Host:` headers forged through the active content. Therefore, suitable ACL configurations must be implemented to prevent connections to web sites that might host malicious content.

1.5.2 URL Mapping

URL mapping was implemented in Oracle iPlanet Web Proxy Server 4.0.8. It enables Oracle iPlanet Web Proxy Server to act as a reverse proxy. This feature enables Oracle iPlanet Web Proxy Server to provide a single front-end host name for back-end application servers. Based on a requester's URI, access is provided to back-end servers.

For more information about URL mapping, see "Reverse Proxy Scenario" in Oracle iPlanet Web Proxy Server 4.0.14 *Configuration File Reference*.

For information about Server Application Functions (SAFs) used in URL mapping, see "Server Application Functions (SAFs)" in Oracle iPlanet Web Proxy Server 4.0.14 *Configuration File Reference*.

1.5.3 Monitoring Server Parameters

The monitoring capabilities of Oracle iPlanet Web Proxy Server provide a detailed list of the server parameters that you can monitor at instance level.

From the Proxy Administration Server, you can perform the following actions:

- View server statistics at an instance level
- Enable or disable parameters at an instance level

To monitor the server, do the following:

1. Access the Administration Server
2. Click the Instance link from the Manage Servers page
3. Click the **Server Status** tab
4. Click the **Monitor Current Activity** tab
5. Set the Monitoring Current Activity to ON to monitor the server

You can also refresh the server in intervals of 5,10, and 15 seconds and view the statistics of the DNS, Keep-Alive, Cache, Server Requests, and Work Thread connections.

1.5.4 Embedded DNS Resolution

The embedded DNS supports the nondefault name resolution. The DNS client interacts with a DNS server to perform the name resolution. The new SAF `dns-lookup`, receives the DNS server's IP address as a server argument. This IP address should be added as a DNS directive in the `obj.conf` file.

In the following example, the IP address of the DNS server is specified in the server parameter:

```
<object>
...
DNS fn="dns-lookup" server="170.168.10.3"
...
</object>
```

In the following example, you can add multiple DNS server IPs to `dns-lookup-init`, and it will be used in a round-robin model. In this scenario, do not add DNS server IP address to `dns-lookup`. If DNS server parameters are added to both `dns-lookup` and `dns-lookup-init`, the `dns-lookup` argument will take precedence.

```
...
<Object>
...
DNS fn="dns-lookup"
...
Init fn="dns-lookup-init" servers="170.168.10.3, 170.158.10.4"
</Object>
```

Information about the Parameter `cont`

The `dns-lookup` SAF takes a `cont` parameter (for continue), which is `true` by default. If the embedded DNS resolution fails, the server reverts to the system DNS resolution. If set to `false`, the server reports an error when embedded DNS resolution fails.

1.5.5 ACL Cache Tuning

`ACLCacheMax` is a `magnus.conf` parameter that sets a limit to the total number of ACLs stored in the ACL cache. There is no default value for `ACLCacheMax` and it should be configured for a specific limit.

For example, `ACLCacheMax 16384`

Note: The ACL cache in this context does not refer to the ACL user cache. It refers to a cache where ACLs are applicable to specific URLs that are cached for performance reasons.

`GCAtStartup` is a `magnus.conf` parameter that allows a Boolean value. By default, the value is `false`; if set to `true`, cache garbage collector clears the garbage during the server startup. This can increase the server startup time when the cache size is large.

1.5.6 Cache PURGE Feature

Oracle iPlanet Web Proxy Server allows `PURGE` requests to clear the cached URL. If the requested URL is purged successfully, a response with an HTTP status code of 200 (OK) is sent by the server. If the specified URL is not cached, a 404 (Not Found) response is sent.

In the following example, the server returns the value 200:

```
bash-2.03$ telnet localhost 8088
Trying 172.9.10.1...
Connected to localhost.
Escape character is '^]'.
PURGE http://foo.com/ HTTP/1.0

HTTP/1.1 200 OK
Server: Oracle-iPlanet-Proxy-Server/4.0
Date: Fri, 26 Oct 2007 08:15:30 GMT
Connection: close
```

In the following example, the server returns the value 404:

```
Connection closed by foreign host.
bash-2.03$ telnet localhost 8088
Trying 172.9.10.1...
Connected to localhost.
Escape character is '^]'.
PURGE http://foo.com/ HTTP/1.0

HTTP/1.1 404 Not Found
Server: Oracle-iPlanet-Proxy-Server/4.0
Date: Mon, 17 Sep 2007 10:13:28 GMT
Content-length: 96
Content-type: text/html
Connection: close
```

1.5.7 Internet Protocol Version 6 (IPv6) Support

You can connect to an IPv6-enabled web site through Oracle iPlanet Web Proxy Server 4.0.11. Proxy Server also supports the `ftp` extension for IPv6 in default (passive) mode.

1.5.8 NSS and NSPR Support

Oracle iPlanet Web Proxy Server 4.0.28 supports Network Security Services (NSS) 3.25 and Netscape Portable Runtime (NSPR) 4.11.

1.5.9 Modified FTP Transfer Mode

From the Oracle iPlanet Web Proxy Server 4.0.6 release, support for extended address passive port (EPSV) mode has been introduced.

1.5.10 Upgrade Support

From the Oracle iPlanet Web Proxy Server 4.0.2 release, the installer supports the upgrade of an existing Oracle iPlanet Web Proxy Server 4.0 installation to the later release. For the Java Enterprise System installations of Oracle iPlanet Web Proxy Server 4.0.1, you must install the patches that correspond to the later release.

1.5.11 Disk Space and Memory

The minimum required memory for installing Oracle iPlanet Web Proxy Server is 512 MB. The minimum recommended disk space for installing Oracle iPlanet Web Proxy Server is 550 MB.

1.5.12 Enhanced Hardware Accelerator Encryption Support

Oracle iPlanet Web Proxy Server 4.0.12 provides hardware accelerator support for Sun Crypto Accelerator 6000, a cryptographic accelerator board that enhances the performance of SSL on Oracle iPlanet Web Proxy Server.

1.5.13 Impact of U.S. DST Changes 2007

Daylight Savings Time (DST) starts in U.S.A from the 2nd Sunday of March and ends on the 1st Sunday of November. This impacts the date and time rules of the operating system.

To ensure that the log files contain the correct time in US time zones, and that the Administration Server is not impacted by this change, do the following:

- Download and install the appropriate operating system patches.
For other platforms, download similar DST-compatible patches from the respective operating system vendor's web site.
- For Solaris, Windows, and Linux, run Oracle iPlanet Web Proxy Server with JRE 1.5.0_12. For HP-UX, run Oracle iPlanet Web Proxy Server with JRE 1.5.0_12.

Known Issues

This chapter describes known issues and limitations in Oracle iPlanet Web Proxy Server 4.0 release.

This chapter contains the following sections:

- [Oracle iPlanet Web Proxy Server 4.0 Administration Issues](#)
- [Oracle iPlanet Web Proxy Server 4.0 Caching Issues](#)
- [Oracle iPlanet Web Proxy Server 4.0 Installation Issues](#)
- [Oracle iPlanet Web Proxy Server 4.0 Internationalization Issues](#)
- [Oracle iPlanet Web Proxy Server 4.0 Localization Issues](#)
- [Oracle iPlanet Web Proxy Server 4.0 SOCKS Issues](#)

2.1 Oracle iPlanet Web Proxy Server 4.0 Administration Issues

[Table 2–1](#) lists the known issues related to the administration user interface.

Table 2–1 *Known Issues in Administration*

| Issue ID | Summary |
|----------|---|
| 6653507 | If Monitor Current Activity Statistics/Profiling is set to ON, it cannot be turned OFF from the user's interface. |
| 6212701 | Conflicting error messages are displayed when server instance fails to start. The chances of occurrence of the conflicting error messages are minimal because the chances of the administration interface writing wrong information in the configuration file is minimal. It can occur only if the user manually writes wrong information into the configuration file. |
| 6231297 | The Restart Required link disappears if changes are made to the SOCKS configuration and Oracle iPlanet Web Proxy Server is restarted instead of the SOCKS server. |
| 6484502 | Oracle iPlanet Web Proxy Server administration interface is not localized. |

Table 2–1 (Cont.) Known Issues in Administration

| Issue ID | Summary |
|-----------------|---|
| 6509535 | <p>Daylight Savings Time (DST) will start in U.S.A from the 2nd Sunday of March and end on the 1st Sunday of November. This will impact the date and time rules of the operating system and JRE.</p> <p>In the standalone version of Oracle iPlanet Web Proxy Server, the JRE version compatible with 2007 DST changes is bundled with the installer. However, you need to address the impact on the date and time rules of the operating system by installing the appropriate operating system patches as explained in Step 1 of the Workaround.</p> <p>For the Java ES 5 installation of Oracle iPlanet Web Proxy Server, you need to install the operating system patches and also the compatible version of JRE. Follow Step 1 and Step 2 of the workaround.</p> <p>Workaround</p> <ol style="list-style-type: none"> Download and use the appropriate operating system patches. For other platforms, download similar DST-compatible patches from the operating system vendor's web site. For Solaris, Windows, and Linux, run Oracle iPlanet Web Proxy Server with JRE 1.4.2_13. For HP-UX, run Oracle iPlanet Web Proxy Server with JRE 1.4.2.12. |
| 6867774 | <p>The Administration Server fails to start when a proxy installation that uses a custom JDK configuration is upgraded to a service pack version that requires a newer JDK version. After the upgrade, the JDK configuration must be manually modified to point to either the bundled JDK or a custom JDK of the required version.</p> |
| 6909558 | <p>Backslashes should be used in LDAP UIDs only to escape special characters. The <code>ldap sdk</code> used by the Oracle iPlanet Web Proxy Server will remove backslashes from the UID before sending the same to the directory server. This can possibly lead to a situation where the authentication fails where it should succeed (because the UID, with backslashes stripped, finds no match in the directory server), or even succeeds where it should fail (because the UID, with backslashes stripped, finds a match in the directory server).</p> |
| 6888170 | <p>Upgrade fails on RHEL4 when the specified target directory name contains a trailing slash.</p> |
| 12307267 | <p>Fails to migrate from Oracle iPlanet Web Proxy Server 3.6 to Oracle iPlanet Web Proxy Server 4.0 with Security Sockets Layer (SSL) configuration.</p> <p>Currently, Web Proxy 3.6 certificates cannot be migrated to a Web Proxy 4.0 instance.</p> <p>Workaround:</p> <ol style="list-style-type: none"> Turn off the security option in the Oracle iPlanet Web Proxy Server 3.6 instance. Migrate from Oracle iPlanet Web Proxy Server 3.6 to 4.0. Generate a certificate signing request (CSR). Create and install certificates to enable security on the Oracle iPlanet Web Proxy Server 4.0 instance. |

2.2 Oracle iPlanet Web Proxy Server 4.0 Caching Issues

Table 2–2 lists the known issues related to caching.

Table 2–2 Known Issues in Caching

| Issue ID | Summary |
|-----------------|---|
| 6654514 | Proxy-agent header displays the original header for request type 504. |

Table 2–2 (Cont.) Known Issues in Caching

| Issue ID | Summary |
|----------|--|
| 6229823 | <p>When a new partition is added, a default section <code>s0.0</code> is also created irrespective of the partition size. Warning messages are logged in the errors file.</p> <p>Workaround</p> <p>Use the <code>cbuild</code> utility to add the new partition or delete the <code>s0.0</code> folder under the new cache partition, and restart Oracle iPlanet Web Proxy Server.</p> <p>The error messages can be ignored.</p> |
| 6619620 | <p>Doc RFE: Oracle iPlanet Web Proxy Server should not be used with Network Cache Accelerator (NCA).</p> <p>When Oracle iPlanet Web Proxy Server 4.0.8 is used with NCA, a browser repeatedly prompts for the User ID and password. This happens because NCA does not support Oracle iPlanet Web Proxy Server-specific headers such as <code>Proxy-authorization</code>.</p> <p>Workaround</p> <p>Do not select NCA in the Proxy Listen Socket setting.</p> |

2.3 Oracle iPlanet Web Proxy Server 4.0 Installation Issues

Table 2–3 lists the known issues related to installation.

Table 2–3 Known Issues in Installation

| Issue ID | Summary |
|----------|---|
| 6205683 | Windows console installation fails. |
| 6255325 | The installer throws an exception and the installation fails on Linux if the user installs Oracle iPlanet Web Proxy Server as a non root user and the <code>/var/opt/sun/install</code> directory does not exist. |
| 6353576 | Silent upgrade installation does not work. |
| 6587776 | Oracle iPlanet Web Proxy Server from Java ES 5 on Windows XP displays system error 1067. |
| 6756659 | Oracle iPlanet Web Proxy Server 4.0.9 can be installed on OpenSolaris by using the GUI installer only if the <code>--javahome</code> option of the <code>setup</code> command is used to specify a JDK 1.6 location. |
| 6607551 | <p>On Windows, uninstalling the patch does not change the Oracle iPlanet Web Proxy Server release to the previous release number.</p> <p>Reverting the patch through the <code>Uninstaller</code> script does not change the service description name to the previous Oracle iPlanet Web Proxy Server release due to the <code>RenameService.exe</code> utility limitations. Therefore, even after uninstalling the patch, the service description shows the latest Oracle iPlanet Web Proxy Server release instead of the previous release number.</p> |

Table 2–3 (Cont.) Known Issues in Installation

| Issue ID | Summary |
|----------|---|
| 12951802 | <p>Fix CR:6932016-Verisign EV cert chain issue with newly built in CA root 4.0.16</p> <p>Workaround</p> <p>If you are using Verisign EV 2048-bit SSL web proxy server certificates, some older browsers may have "Certificate Authority Not Trusted" warning after you upgrade from web proxy 4.x.x prior versions to web proxy 4.x.x update or later. Follow these steps to overcome this problem:</p> <ol style="list-style-type: none"> 1. Stop the web proxy server. 2. Execute <code>cd <proxy instance dir>/config</code> 3. To list the Root Certs module, execute <code>modutil -list -nocertdb -dbdir</code> 4. Execute <code>modutil -dbdir . -delete 'Root Certs'</code> 5. Execute <code>modutil -list -nocertdb -dbdir</code> The Root Certs module is removed. 6. Start the web proxy server. <p>If you upgrade to a higher version once the above process is implemented, make sure to follow the same process in the upgraded version as well.</p> |

2.4 Oracle iPlanet Web Proxy Server 4.0 Internationalization Issues

Table 2–4 lists the known issues related to internationalization.

Table 2–4 Known Issues in Internationalization

| Issue ID | Summary |
|---------------------------|---|
| 6233080 | The Disable Proxying option does not work for the URL with multibyte data (URL encoded) when routing is set through another proxy server. |
| 6233090 | A URL with multibyte data (URL encoded) cannot be mapped. |
| 6253844 | Oracle iPlanet Web Proxy Server online help does not support the language zh-cn. |
| 6297168 | Starting the server in a different system encoding causes any errors returned by that particular system to be logged in the error log. When viewed through the Administration Server, the error log might have characters in the system encoding that do not display properly. |
| | <p>Workaround</p> <p>Change the browser encoding to match the OS locale so that the error log can be properly viewed through the administration interface. But this will be needed every time you move to other pages and then return to View Error Log.</p> |
| 6300080 | Oracle iPlanet Web Proxy Server's content rewriting function is inconsistent. |
| 6526476 and 6526488 | <p>In a standalone installation of Oracle iPlanet Web Proxy Server on HP-UX, the installation in GUI mode results in the display of corrupted Japanese characters (ID no. 6526476). If the installation is continued, it results in error while creating an instance (ID no. 6526488).</p> <p>Workaround</p> <p>You can use either of the following workarounds:</p> <ul style="list-style-type: none"> ■ Use the CLI mode of installation for Japanese locale on HP-UX. ■ Continue the installation even with the corrupted display of characters. When the installer fails to create an instance, log in to the administration interface and create an instance. |
| 6550995 | <p>The following error message is not localized for all the locales:</p> <p>HTTP7774: received extraneous data following response</p> |

2.5 Oracle iPlanet Web Proxy Server 4.0 Localization Issues

Table 2–5 lists the know issues related to Localization.

Table 2–5 Known Issues in Localization

| Issue ID | Summary |
|----------|---|
| 6779070 | The Oracle iPlanet Web Proxy Server online help has broken links for Terms of Use. |
| 6253844 | The set language option in the Oracle iPlanet Web Proxy Server online help does not support the language zh-cn. |
| 6828246 | The Korean characters are not displayed in the Oracle iPlanet Web Proxy Server installer on RHEL 5.2. |

2.6 Oracle iPlanet Web Proxy Server 4.0 SOCKS Issues

Table 2–6 lists the known issues related to SOCKS.

Table 2–6 Known Issues in SOCKS

| Issue ID | Summary |
|----------|---|
| 6245453 | The Quench Updates feature is shown in the GUI and documented for the Server Manager > SOCKS > Configure SOCKS v5 page, but the feature is not implemented. |
| 6263389 | No error is reported when two instances of SOCKS are started using the same port on Windows. |
| 6285791 | SOCKS server start command-line issue for Java ES 4 is resolved in release 4.0.5, but existing instances created in Java ES 4 installation will have the problem even after upgrading to the latest 4.0.3 patches. The new instances created after upgrade will not have this problem. This problem is not there in a standalone installation of Oracle iPlanet Web Proxy Server. |

Product Documentation

The Oracle iPlanet Web Proxy Server 4.0 documentation is provided in a number of ways:

- Manuals - You can view the Oracle iPlanet Web Proxy Server 4.0 manuals and release notes in HTML and in printable PDF formats.
- Online help - Click the Help button in the graphical interface to search a context-sensitive help window.

Oracle iPlanet Web Proxy Server 4.0.14 is the last release for which the entire documentation set for Oracle iPlanet Web Proxy Server 4.0 was updated. Subsequent to the 4.0.14 release, updates and corrections to Oracle iPlanet Web Proxy Server 4.0 documentation are provided in this *Release Notes* document; see [Section 3.2, "Corrections and Updates to 4.0 Documentation."](#)

This chapter contains the following sections:

- [Documentation Set](#)
- [Corrections and Updates to 4.0 Documentation](#)
- [Documentation, Support, and Training](#)

3.1 Documentation Set

The Oracle iPlanet Web Proxy Server 4.0 documentation is available at:

http://docs.oracle.com/cd/E21692_01/index.htm

Table 3–1 Oracle iPlanet Web Proxy Server 4.0.14 Documentation Set

| Document Title | Contents |
|---|--|
| <i>Release Notes</i> (this document) | Summarizing the Oracle iPlanet Web Proxy Server release: <ul style="list-style-type: none"> ■ Late-breaking information about the software and the documentation ■ New features ■ Supported platforms and environments ■ System requirements ■ Known issues and workarounds |
| <i>Installation and Migration Guide</i> | Performing installation and migration tasks: <ul style="list-style-type: none"> ■ Installing Oracle iPlanet Web Proxy Server ■ Migrating from release 3.6 to release 4.0 |

Table 3–1 (Cont.) Oracle iPlanet Web Proxy Server 4.0.14 Documentation Set

| Document Title | Contents |
|--|--|
| <i>Administration Guide</i> | Performing administration and management tasks: <ul style="list-style-type: none"> ■ Using the administration and command-line interfaces ■ Configuring server preferences ■ Managing users and groups ■ Monitoring and logging server activity ■ Using certificates and public key cryptography to secure the server ■ Controlling server access ■ Proxying and routing URLs ■ Caching ■ Filtering content ■ Using a reverse proxy ■ Using SOCKS |
| <i>Configuration File Reference</i> | Editing configuration files |
| <i>NSAPI Developer's Guide</i> | Creating custom Netscape Server Application Programming Interface (NSAPI) plugins |
| <i>Performance Tuning, Sizing, and Scaling Guide</i> | Tuning Oracle iPlanet Web Proxy Server to optimize performance |

3.2 Corrections and Updates to 4.0 Documentation

The following sections describe corrections and updates to Oracle iPlanet Web Proxy Server 4.0.14 documentation:

- [Section 3.2.1, "Clarification About JRE Information in the Certification Matrix"](#)
- [Section 3.2.2, "Increase in the Maximum Cache Capacity"](#)
- [Section 3.2.3, "%Req->vars.xfer-time% Option of the flex-init Function"](#)
- [Section 3.2.4, "clf-request-leading-whitespace Parameter of the flex-log SAF"](#)
- [Section 3.2.5, "New Parameters of the um-define-junction SAF"](#)
- [Section 3.2.6, "Clarification About Unit of Time Used for the%duration% Log Option"](#)
- [Section 3.2.7, "Clarification About the Need to Explicitly Select New Directory Services"](#)
- [Section 3.2.8, "Information About the admin.conf File"](#)
- [Section 3.2.9, "Date and Time Parameters of the <Client> Tag"](#)
- [Section 3.2.10, "Information About Parameters of the http-client-config SAF"](#)
- [Section 3.2.11, "<Include> Tag in the obj.conf File"](#)
- [Section 3.2.12, "lookup-ipv6-first Parameter of the dns-config SAF"](#)
- [Section 3.2.13, "regexp-redirect Function of the NameTrans Directive"](#)
- [Section 3.2.14, "status-code and status-desc Parameters of the send-error SAF"](#)
- [Section 3.2.15, "New Directives in the magnus.conf File"](#)
- [Section 3.2.16, "Description for Cache Finish Status in the Access Log File"](#)

- Section 3.2.17, "maxrequestperconnection parameter is supported for the LS Element"
- Section 3.2.18, "Description of virt-map SAF"
- Section 3.2.19, "Specifying IP Address in ACL Configurations"
- Section 3.2.20, "Manually Generating a PAC File"
- Section 3.2.21, "Regarding Cache Partition Size"
- Section 3.2.22, "Regarding In-memory File Cache in Oracle iPlanet Web Proxy Server"
- Section 3.2.23, "Using Proxy Arrays"
- Section 3.2.24, "Information About the forward-auth-user SAF"
- Section 3.2.25, "Information About New Attributes of FILECACHE Element"
- Section 3.2.26, "Information About the blockingaccept Parameter"
- Section 3.2.27, "Information About the timeout Property for dbswitch.conf Configuration File"
- Section 3.2.28, "Information About the URL-Filter Function"
- Section 3.2.29, "Information about the NetWriteTimeout magnus.conf Parameter"
- Section 3.2.30, "Information about the New Parameter enable-ipv6 for Internal dns-lookup"
- Section 3.2.31, "New SAF host-dns-cache-config to Control DNS Cache Behavior"
- Section 3.2.32, "Information about the -P option of the flexanlg command"
- Section 3.2.33, "Change in HTTP 407 Error Page from 4.0.10"
- Section 3.2.34, "Compressed Content Cannot be Rewritten by Content URL Rewriting"
- Section 3.2.35, "Change in the build command from Proxy Server 4.0.5"
- Section 3.2.36, "keep-alive-timeout-absolute Parameter of the http-client-config SAF"
- Section 3.2.37, "Information about the sleepinterval server.xml Parameter"
- Section 3.2.38, "New Parameter in the socks5.conf file"

3.2.1 Clarification About JRE Information in the Certification Matrix

The *Oracle iPlanet Web Proxy Server 4.0.14+ Certification Matrix* currently (as of April 2011) shows only 1.6.0_19 as the certified JRE version.

Note the following:

- 4.0.13 and earlier releases of Oracle iPlanet Web Server are certified on (and include) JRE 5.
- 4.0.14, 4.0.15, and 4.0.16 are certified on both JRE 5 and JRE 6, but only JRE 5 is included with these releases.
- 4.0.17+: Certified on (and include) only JRE 6.

3.2.2 Increase in the Maximum Cache Capacity

The "Setting Cache Capacity" section of the Oracle iPlanet Web Proxy Server 4.0.13 *Administration Guide* mentions that the cache capacity can be up to a maximum of 32 GB.

Starting from the 4.0.10 release, the maximum cache capacity that can be configured through the administration interface is 128 GB.

Note: You can manually configure the cache capacity to any value higher than 128 GB (no upper limit) by editing the `server.xml` configuration file. But if you opt for the manual configuration route and want to set the cache capacity to a value that is less than 128 GB, then only the following values are allowed: 125, 250, 500, 1000, 2000, 4000, 8000, 16000, 32000, 64000, 128000.

3.2.3 %Req->vars.xfer-time% Option of the flex-init Function

In the "Log Format" section of the Oracle iPlanet Web Proxy Server 4.0.14 *Configuration File Reference*, Table 5-4 lists the available flexible logging options. The `%Req->vars.xfer-time%` option is missing from the list.

The `%Req->vars.xfer-time%` option can be used to log the transfer time (in seconds).

3.2.4 clf-request-leading-whitespace Parameter of the flex-log SAF

Oracle iPlanet Web Proxy Server 4.0.16 supports a new parameter, `clf-request-leading-whitespace`, for the `flex-log` SAF of the `AddLog` directive. The following table provides information about the new parameter.

| Parameter | Description |
|---|--|
| <code>clf-request-leading-whitespace</code> | <p>(Optional) A boolean value indicating whether leading newlines in request lines should be removed before printing to the server access log.</p> <p>The default value is <code>yes</code>.</p> <p>Example:</p> <pre>AddLog fn="flex-log" name="access" clf-request-leading-whitespace="no"</pre> |

For information about the other parameters of the `flex-log` SAF, see the "flex-log" section of the Oracle iPlanet Web Proxy Server 4.0.14 *Configuration File Reference*.

3.2.5 New Parameters of the um-define-junction SAF

Table 3-2 lists new parameters added for the `um-define-junction` SAF of the `Init` directive since the 4.0.14 release. Note that these parameters are not documented in the Oracle iPlanet Web Proxy Server 4.0.14 *Configuration File Reference*.

Table 3–2 New Parameters of the um-define-junction SAF

| Parameter | Added in Release | Description |
|---|------------------|--|
| secure-cookie | 4.0.21 | <p>(Optional) <code>um-define-junction</code> takes a new boolean parameter <code>secure-cookie</code>, which is disabled by default. If set to <code>true</code>, cookies set or rewritten by the URL mapping subsystem contains a secure attribute. At present, cookies that are generated (in the form of <code>um_app_name_cookie</code>) do not have a feature to make them secure. The <code>um_jct</code> cookie is also not secure.</p> <p>Example usage:</p> <pre>Init fn="um-define-junction" jct-name="/test/" fe-uri-prefix="/test/" be-url-prefix="http://eas97.in.oracle.com:17124/" secure-cookie="1" onload-handler="yes"</pre> <p>Example output:</p> <pre>Set-cookie: um_/test/_name=test; path=;/ secure <script>document.cookie = "um_jct=/test/; path=;/ secure";</script></pre> |
| set-cookie-domain-from and set-cookie-domain-to | 4.0.16 | <p>(Optional) These parameters can be used to specify the target and destination values for rewriting the domain parameter of <code>Set-cookie: headers</code> received from backend servers.</p> |
| rewrite-set-cookie-domain | 4.0.16 | <p>(Optional) If this parameter is set to <code>true</code>, the domain parameter of <code>Set-cookie: headers</code> received from backend servers are rewritten to the domain of the proxy server.</p> <p>The default value is <code>false</code>.</p> |
| insert-set-cookie-domain | 4.0.16 | <p>(Optional) This parameter can be used to insert a domain parameter into <code>Set-cookie: headers</code> received from backend servers.</p> |
| set-cookie-path-from and set-cookie-path-to | 4.0.16 | <p>(Optional) These parameters can be used to specify the target and destination values for rewriting the path parameter of <code>Set-cookie: headers</code> received from backend servers.</p> |
| disable-javascript-rewrite | 4.0.15 | <p>(Optional) A regular expression matched against the names of JavaScript variables when the <code>has-javascript</code> parameter is set to <code>yes</code>. Variables whose names match the regular expression are <i>not</i> rewritten (as they typically would be with <code>has-javascript</code> set to <code>yes</code>). There is no default value for this parameter.</p> |

3.2.6 Clarification About Unit of Time Used for the %duration% Log Option

According to the "Log Format" section of the *Oracle iPlanet Web Proxy Server 4.0.14 Configuration File Reference*, the %duration% option indicates the time the server spent handling the request in microseconds.

Note the following clarification:

- On Solaris and AIX, the server calculates and records the time in microseconds.

- However, on Windows, HP-UX, and Linux, the server calculates the time in milliseconds and records it in microseconds.

3.2.7 Clarification About the Need to Explicitly Select New Directory Services

The "Configuring Directory Services" section of the Oracle iPlanet Web Proxy Server 4.0.14 *Administration Guide* describes how to create a directory service. Note that if you want to use the new directory service with a specific proxy server instance, you must select it as described in the "Selecting Directory Services" section.

3.2.8 Information About the admin.conf File

The admin.conf file, located in the install-dir/proxyadmserv/config directory, is an internal configuration file that Oracle iPlanet Web Proxy Server maintains. Do not modify this file.

3.2.9 Date and Time Parameters of the <Client> Tag

Oracle iPlanet Web Proxy Server 4.0.15 supports several new parameters for the <Client> tag, as described in the following table.

| Parameter | Description |
|-------------------------------|--|
| date-start and date-end | These two parameters specify the start date and end date, respectively, for a time interval. They take values of the format of the UNIX date command, excluding the time zone specification. Additionally, the weekday portion of the date command format is optional. |
| day-start and day-end | These two parameters specify the start day number and end day number, respectively, for a day interval in a month. They take values in the range 1 through 31. |
| month-start and month-end | These two parameters specify the start month and end month, respectively, for a month interval in a year. They take the values Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, and Dec. |
| time-start and time-end | These two parameters specify the start time and end time, respectively, for a time interval in a day. They take values of the form hour:minute:second on a 24-hour clock. |
| weekday-start and weekday-end | These two parameters specify the start day and end day, respectively, for a day interval in a week. They take the values Sun, Mon, Tue, Wed, Thu, Fri, and Sat. |

Examples

- This example specifies a time interval of every Tuesday through Friday from 9:00 AM through 5:00 PM:

```
<Client weekday-start="Tue" weekday-end="Fri" time-start="09:00:00"
time-end="17:00:00">
```
- This example specifies a time interval of the first through the fifteenth of every month from 12:00 AM through 4:00 AM:

```
<Client day-start="1" day-end="15" time-start="00:00:00" time-end="04:00:00">
```

3.2.10 Information About Parameters of the http-client-config SAF

Table 3–3 lists the parameters of the http-client-config SAF that existed in 4.0.14 or earlier releases, but are not documented in the *Oracle iPlanet Web Proxy Server 4.0.14 Configuration File Reference* at http://docs.oracle.com/cd/E21692_01/821-1883/aebjw/index.html.

Table 3–3 Parameters of the http-client-config SAF

| Parameter | Description |
|-----------------------------|--|
| forward-unread-request-body | (Optional) This boolean parameter indicates whether a request body that arrives in a TCP packet separate from the request header should be forwarded to the origin server. The default value is false, meaning that request bodies arriving in TCP packets separate from their request headers are not forwarded to the origin server. |
| rewrite-error | (Optional) When this boolean parameter is enabled, the proxy server runs the Error stage when the origin server returns an error status (HTTP status code of 400 or above). By default, this parameter is disabled. |
| timeout | (Optional) This parameter specifies the timeout period in seconds. It is used by the HTTP client while transferring data between clients and origin servers. The default value is 300 seconds. |

3.2.11 <Include> Tag in the obj.conf File

Oracle iPlanet Web Proxy Server 4.0.15 supports a new tag in the obj.conf file. This tag, <Include>, includes the content of another file in the obj.conf file, effectively enabling you to divide the content of obj.conf across several files to make management of your configuration easier.

The syntax of the <Include> tag is:

```
<Include>
  filename
</Include>
```

filename is the name of the file to be included in the obj.conf file where the <Include> tag occurs.

When using the <Include> tag, keep these points in mind:

- The <Include> tag can be used outside the context of <Object>. For example, you could put all the Init directives in a file and then include that file at the start of the obj.conf file.
- An included file can contain other included files; that is, an included file can itself contain an <Include> tag.
- An included file cannot cross <Object> boundaries; that is, included file cannot end one object and start another.

3.2.12 lookup-ipv6-first Parameter of the dns-config SAF

Oracle iPlanet Web Proxy Server 4.0.15 supports a new parameter, lookup-ipv6-first, for the dns-config SAF of the DNS directive. The following table provides information about this new parameter.

| Parameter | Description |
|-------------------|--|
| lookup-ipv6-first | (Optional) A Boolean operator that specifies whether to look up IPv6 or IPv4 addresses first. The default value is <code>false</code> , meaning that IPv4 addresses are looked up first. |

3.2.13 `regexp-redirect` Function of the `NameTrans` Directive

The section "NameTrans" in Oracle iPlanet Web Proxy Server 4.0.14 *Configuration File Reference* does not include information about the `regexp-redirect` function. Information about this function follows.

The `regexp-redirect` function is applicable in `NameTrans`-class directives.

The `regexp-redirect` function enables you to change URLs and send the updated URL to the client. When a client accesses your server with an old path, the server treats the request as a request for the new URL.

The following table describes parameters for the `regexp-redirect` function.

| Parameter | Description |
|----------------|--|
| from | A regular expression for the prefix of the requested URL to match. |
| url/url-prefix | <code>url</code> specifies a complete URL to return to the client. <code>url-prefix</code> specifies the new URL prefix to return to the client. The <code>from</code> prefix is simply replaced by this URL prefix. You cannot use these parameters together. |
| escape | (Optional) A Flag that tells the server to use the <code>util_uri_escape</code> action on the URL before sending it. It should be <code>yes</code> or <code>no</code> . The default is <code>yes</code> . For more information about <code>util_uri_escape</code> , see Oracle iPlanet Web Proxy Server 4.0.14 <i>NSAPI Developer's Guide</i> . |
| bucket | (Optional) This is common to all <code>obj.conf</code> functions. |

3.2.14 `status-code` and `status-desc` Parameters of the `send-error` SAF

Oracle iPlanet Web Proxy Server 4.0.15 supports two new parameters for the `send-error` SAF of the `Service` and `Error` directives. The following table provides information about these new parameters.

| Parameter | Description |
|-------------|---|
| status-code | (Optional) Specifies a status code to be set in the HTTP response. It differs from the <code>code</code> parameter in that <code>code</code> specifies which error code triggers execution of the <code>send-error</code> SAF, while <code>status-code</code> specifies a status code to be set in the response generated by the <code>send-error</code> SAF. |
| status-desc | (Optional) Specifies a reason string for the status code. |

3.2.15 New Directives in the `magnus.conf` File

Table 3–4 lists directives added to the `magnus.conf` file. Note that these directives are not documented in "Syntax and Use of the `magnus.conf` File" in Oracle iPlanet Web Proxy Server 4.0.14 *Configuration File Reference*.

Table 3–4 *magnus.conf Directives*

| Parameters | Valid Values | Description |
|----------------------------|----------------------------|--|
| ChannelPoolMonitorInterval | Any number of seconds | (Added in 4.0.14) Specify how frequently (in seconds) Oracle iPlanet Web Proxy Server checks the channel pool for stale or closed connections. This value is used when ChannelPoolValidate is set to true. The default value is 30. |
| ChannelPoolValidate | true, false | (Added in 4.0.14) Cause Oracle iPlanet Web Proxy Server to actively check the channel pool for stale or closed connections every ChannelPoolMonitorInterval seconds. The default value is false. |
| ChannelReuseValidate | true, false | (Added in 4.0.14) Cause Oracle iPlanet Web Proxy Server to validate channels in the channel pool before reusing them. The default value is false. |
| FtpPoolSize | 1 to 65536 | (Added in 4.0.12) Specify the size of the FTP connection pool. The default value is 256. |
| FtpPoolLife | 1 to 65536 | (Added in 4.0.12) Specify the life of the connection in seconds, that the FTP connection remain unused in the pool before the monitor thread closes it. The default value is 3600. |
| FtpPoolMonitorThread | OFF | (Added in 4.0.12) Specify the boolean value to monitor the FTP thread functionality. The default is ON. |
| FtpPoolMonitorLevel | 0 | (Added in 4.0.12) Specify an integer value. If set to 0 the pool monitor thread checks whether the connection is inactive or active. If set to 1, the NOOP command is sent to the connection and awaits for the reply. Failure to get a response will cause the connection to be removed from the pool. The default level is 1. |
| FtpPoolMonitorInterval | 30 to 65536 | (Added in 4.0.12) Specify an integer value in seconds, after which the pool connections are monitored. The default value is 30. |
| LDAPPoolMonitorThread | Takes a Boolean value. | (Added in 4.0.12) If set to TRUE, an ldap pool monitor thread would be created, which monitors the ldap connection pool at regular intervals. The default value is FALSE. |
| LDAPPoolMonitorInterval | Takes an integer argument. | (Added in 4.0.12) Specify the interval at which the ldap pool monitor thread inspects the ldap connection pool. The default value is 30. |
| LDAPPoolRevalidate | Takes a boolean value. | (Added in 4.0.12) Revalidate the connection if set to TRUE for every connection that is picked off the connection pool; then pass on to the caller. The default value is FALSE. |

Table 3–4 (Cont.) *magnus.conf* Directives

| Parameters | Valid Values | Description |
|---------------------------|-------------------------|--|
| RouteOfflineCheckInterval | Takes an integer value. | (Added in 4.0.15) Specify the interval, in seconds, at which Oracle iPlanet Web Proxy Server checks performance of the gateways marked as offline by the routing subsystem. The default value is 30. |

3.2.16 Description for Cache Finish Status in the Access Log File

You can configure the Cache Finish Status option by turning it ON to record information about each status in the Access Log file. Table 3–5 lists each of the Cache Finish Status and its description.

Table 3–5 Cache Finish Status

| Status | Description |
|----------------|--|
| WRITTEN | A new cache file is created |
| ABORTED | The response could not be cached because of invalid Last-modified:header or invalid Expires:header. For more information, switch the log status to fine. |
| UP-TO-DATE | The proxy receives a confirmation from the remote server that the proxy cache entry is updated and it may not be refreshed. |
| NO-CHECK | The remote server was not contacted for the request from the cache. |
| REFRESHED | The existing cache file was refreshed by the new contents from the origin server. |
| MUST-NOT-CACHE | The remote server response indicates that the response must not be cached. |
| DO-NOT-CACHE | The document received from the remote server is not cached by the proxy. |

3.2.17 maxrequestperconnection parameter is supported for the LS Element

Oracle iPlanet Web Proxy Server 4.0.18 supports a new parameter called maxrequestperconnection for the LS element in the server.xml file. The following table provides information about this new parameter.

| Parameter | Description |
|-------------------------|--|
| maxrequestperconnection | (optional) the number of requests allowed through a single connection. The default value is "0", which indicates that there is no limit. |

For more information about configuring the listener, see:

<http://docs.oracle.com/cd/E19438-01/821-1883/aebbt/index.html>

3.2.18 Description of virt-map SAF

The virt-map SAF is used to implement Virtual Multihosting. The virt-map SAF uses the request's Host: header to map a URI to a server URL. The corresponding reverse mapping is automatically inserted by virt-map SAF.

| Parameter | Description |
|-------------|--|
| host-regex | Specifies a regular expression which is compared with the request's <code>Host:</code> header value. The virtual mapping is not applied in case of a mismatch. |
| from-prefix | Specifies the URI prefix to be mapped. |
| to-prefix | Specifies the URL prefix to which the request should be mapped. |

For more information about Virtual Multihosting, see:

http://docs.oracle.com/cd/E21692_01/821-1882/adypx/index.html

3.2.19 Specifying IP Address in ACL Configurations

While specifying IP addresses in ACL configurations, a netmask can be used together with an IP address. The IP address and netmask must be separated by a '+' character.

Example:

```
allow (read,execute,info)
(user = "anyone") and
(ip = "10.12.171.97+255.255.255.0");
```

For more information about ACL configurations, see:

http://docs.oracle.com/cd/E21692_01/821-1882/adyhq/index.html

3.2.20 Manually Generating a PAC File

After manually generating a PAC file, you are not required to restart the proxy server.

For more information about generating a PAC file from a PAT file, see:

http://docs.oracle.com/cd/E21692_01/821-1882/adyow/index.html

3.2.21 Regarding Cache Partition Size

If GC (Garbage Collection) is disabled, or if the partition size happens to increase while GC is temporarily inactive, it is possible that the cache partition size can exceed the value specified in the `maxsize` parameter.

For more information about cache elements, see:

http://docs.oracle.com/cd/E21692_01/821-1883/aebcl/index.html

3.2.22 Regarding In-memory File Cache in Oracle iPlanet Web Proxy Server

Information pertaining to in-memory file cache is provided below:

1. The in-memory file cache is enabled only if the disk cache is enabled.
2. The in-memory file cache in Proxy server is used to cache the contents of frequently used disk cache files in memory.
3. The in-memory file cache configuration has a parameter named `maxage`, which, however, is currently not enforced. It is to avoid HTTP violations by serving aged/invalid content.

4. The contents of in-memory file cache closely follow that of the disk cache. If a disk file is updated, the disk file in-memory version gets updated during the next request.

For more information about in-memory file cache configuration, see:

http://docs.oracle.com/cd/E21692_01/821-1883/aebcm/index.html

3.2.23 Using Proxy Arrays

Note the following about proxy arrays.

- Once you create a proxy array, but before generating a PAC file from your PAT file, proxy array must be explicitly enabled using the *Configure System Preferences* page in the administration GUI.
- While configuring a non-master proxy array member, the URL field should be set to `http://MasterProxy/pat` where `MasterProxy` is the FQDN of the master proxy. Ensure that the master proxy is configured to have a pat mapping which maps `/pat` to the master proxy's pat file.

For more information about proxy arrays, see:

http://docs.oracle.com/cd/E21692_01/821-1882/6nmr9g0ap/index.html

3.2.24 Information About the forward-auth-user SAF

As a fix for bug 13693179, a new SAF `forward-auth-user` is introduced in Oracle iPlanet Web Proxy Server 4.0.19. This SAF is applicable for `ObjectType` directives.

The `forward-auth-user` SAF instructs the proxy server to forward the authenticated user name to remote servers. The SAF takes an optional parameter, `hdr`, which specifies the name of the HTTP request header used to communicate the authenticated user name. The default value of the `hdr` parameter is `Proxy-auth-user`.

The following is the syntax of the `forward-auth-user` SAF:

```
ObjectType fn="forward-auth-user" [hdr="request_header"]
```

`request_header` is the name of the HTTP request header that should be used to communicate the authenticated user name to the servers in the back end.

3.2.25 Information About New Attributes of FILECACHE Element

As a fix for bugs 13700698 and 13700670, the attributes listed in [Table 3–6](#) are introduced in Oracle iPlanet Web Proxy Server 4.0.19 for the `FILECACHE` element in the `server.xml` configuration file.

Table 3–6 *New Attributes Introduced in 4.0.19 for the FILECACHE Element*

| Attribute | Default | Description |
|----------------------------|--------------------|---|
| <code>tempfilespace</code> | | This attribute specifies a limit (in bytes) for the total size of files created in the file cache's temporary directory. |
| <code>removetempdir</code> | <code>false</code> | If this attribute is set to <code>true</code> , the file cache's temporary directory is removed when the server is shut down. |

For information about the other attributes of the `FILECACHE` element, see the *Oracle iPlanet Web Proxy Server 4.0.14 Configuration File Reference* at:

http://docs.oracle.com/cd/E21692_01/821-1883/aebcm/index.html

3.2.26 Information About the blockingaccept Parameter

The fix for bug 13905244 introduces a new parameter `blockingaccept` to the `<LS>` element in `server.xml` configuration file.

This is a boolean parameter, and is set to `false` by default. If set to `true`, the listen socket will be of blocking nature.

However, client end points will continue to be non-blocking.

3.2.27 Information About the timeout Property for dbswitch.conf Configuration File

The fix for bug 13989967 introduces a property, `timeout`, for LDAP configurations in the `dbswitch.conf` configuration file. The `timeout` property specifies the duration (in seconds) after which LDAP operations should time out. The property is disabled by default; that is, by default, LDAP operations do not time out.

The following example shows the usage of the `timeout` property in the `dbswitch.conf` configuration file.

```
ldap://ldaphost:ldapport/dc%3D...
default:binddn cn=Directory Manager
default:encoded bindpw cGFzc3dvcmQ=
default:timeout 30
```

In this example, the `timeout` property is set to 30 seconds.

3.2.28 Information About the URL-Filter Function

In Oracle iPlanet Web Proxy Server 4.0.14 Administration Guide, the section titled `Creating a Filter File of URLs` has the following example:

You can use regular expressions in each of the three sections: `protocol`, `host:port`, and `path/FILENAME`. For example, if you want to create a URL pattern for all protocols going to the `netscape.com` domain, you'd have the following line in your file:

```
.*://.*\.\example\.\com/.*
```

The information mentioned in the example is not valid for filtering access to `example.com`.

- The correct URL filter to access `example.com` is `.*://.*\.\example\.\com/.*`
- Replace `netscape.com` with `example.com`.

3.2.29 Information about the NetWriteTimeout magnus.conf Parameter

The Web Proxy Server's `http` filter implements a `magnus.conf` parameter `NetWriteTimeout` that will enable timeout on write operations to clients.

The `NetWriteTimeout` `magnus.conf` parameter takes an integer value which specifies the client write timeout in seconds, and is disabled by default.

3.2.30 Information about the New Parameter enable-ipv6 for Internal dns-lookup

Oracle iPlanet Web Proxy Server 4.0.21 introduces a new parameter `enable-ipv6` for `internal dns-lookup`. This parameter takes a boolean value and is `false` by default. Setting it to `true` will enable lookup of IPv6 DNS records.

Example:

```
DNS fn="dns-lookup" server="..." enable-ipv6="true"
```

Note: `enable-ipv6` for internal `dns-lookup` functionality is disabled on Windows.

3.2.31 New SAF `host-dns-cache-config` to Control DNS Cache Behavior

Oracle iPlanet Web Proxy Server 4.0.21 introduces a new SAF `host-dns-cache-config` to control DNS cache behavior. This can be used to modify per-request DNS cache behavior. `host-dns-cache-config` SAF takes the following parameters:

| Parameter | Description |
|-------------------------|--|
| <code>enabled</code> | This is a boolean parameter and is "true" by default. When disabled, DNS cache is not used. |
| <code>host-regex</code> | Takes a regular expression as value, and can be used to apply <code>host-dns-cache-config</code> settings only to requests whose <code>Host:</code> header matches the provided value. |
| <code>ttd</code> | Accepts an integer value that specifies the "time to live" in seconds for DNS cache entries. |

You can disable or enable DNS cache, or apply a specific `ttd`.

Examples:

- The following directive disables DNS cache for requests to backends with name of the pattern `"backend.*"`:

```
ObjectType dns-cache-config host-regex="backend.*" enabled="false"
```

- The following directive enforces a specific `ttd` for 10 seconds on cached DNS entries to backend hostnames of the format `"backend.*"`:

```
ObjectType dns-cache-config host-regex="backend.*" ttd="10"
```

3.2.32 Information about the `-P` option of the `flexanlg` command

"Working With the Log Analyzer", in *Oracle iPlanet Web Proxy Server 4.0.14 Administration Guide*, at: http://docs.oracle.com/cd/E21692_01/821-1882/adyjv/index.html, describes the `-P` option of the `flexanlg` command.

The following is the description of the `-P` option:

- The `-P` option enables generation of data related to the proxy-specific components like data related to client, proxy, cache, remote and matrix like cache hits, total remote connections, data retrieved from remote, data written to cache, and so on.
- The Generate Report link in the Administration Server interface uses the command `flexanlg` with `-P` specified.

3.2.33 Change in HTTP 407 Error Page from 4.0.10

The error page for HTTP 407 changes when you upgrade to Oracle iPlanet Web Proxy Server 4.0.10 or higher versions.

Before upgrading, you see the following message on the HTTP 407 error page:

```
Proxy Authentication Required
An error has occurred
```

After upgrading to version 4.0.10 or higher, you see the following message that is more informative and specific:

```
Proxy Authentication Required
Proper authorization is required for this area.
Either your browser dose not perform autorization, or your authorization has
failed.
```

3.2.34 Compressed Content Cannot be Rewritten by Content URL Rewriting

The section "*Content URL Rewriting*" in *Oracle iPlanet Web Proxy Server 4.0.14 Administration Guide* at http://docs.oracle.com/cd/E21692_01/821-1882/adypf/index.html, describes how to configure content URL rewriting.

Note that compressed content cannot be rewritten by content URL rewriting.

3.2.35 Change in the cbuild command from Proxy Server 4.0.5

The following is the difference in cache creation by the `cbuild` command when you upgrade from 4.0.4 to 4.0.5 or higher versions:

- In Proxy Server 4.0.4 you can create a cache partition in an existing directory.
- In Proxy Server 4.0.5 you cannot create a cache partition in an existing directory. When you try to create a cache partition in an existing directory, the following message is logged:

```
./cbuild -d /<install-directory>/<instance-name>/config -c
/<install-directory>/<instance-name>/cache -n 4
Uninitialized partition /<install-directory>/<instance-name>/cache already
exists
```

Note: As a consequence to fix for bug 14703102, starting from 4.0.21 release, the `cbuild` command will accept an existing empty directory as target location for a new partition.

3.2.36 keep-alive-timeout-absolute Parameter of the http-client-config SAF

Oracle iPlanet Web Proxy Server 4.0.22 supports a new parameter, `keep-alive-timeout-absolute`, for the `http-client-config` SAF. The following table provides information about this new parameter.

| Parameter | Description |
|---------------------------------|--|
| <code>keep-alive-timeout</code> | Accepts an integer argument that specifies, in seconds, the absolute maximum life span of a pooled connection. |

3.2.37 Information about the sleepinterval server.xml Parameter

The `sleepinterval` attribute of the GC (Garbage Collection) element in `server.xml` specifies the time, in seconds, the GC thread sleeps before waking up and inspecting the configured partitions to check if garbage collection should be initiated.

The default value for this parameter is 45 seconds. Hence if `sleepinterval` is set to its default value of 45 seconds, the GC thread would wake up every 45 seconds and inspect the configured partitions.

After the `sleepinterval` parameter is modified or set, the server must be restarted for the changes to take effect.

3.2.38 New Parameter in the `socks5.conf` file

Oracle iPlanet Web Proxy Server 4.0.22 supports a new parameter, `SOCKS5_CONNECT_TIMEOUT`, which has been added to the `socks5.conf` file. The following table provides information about this new parameter.

| Parameter | Description |
|-------------------------------------|--|
| <code>SOCKS5_CONNECT_TIMEOUT</code> | Accepts an integer value that specifies the "timeout" in seconds for a connection attempt. |

3.3 Documentation, Support, and Training

The Oracle web site provides information about the following additional resources:

- Documentation (<http://www.oracle.com/technetwork/documentation/index.html>)
- Support (<http://support.oracle.com/>)
- Training (http://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=315)

Features and Enhancements in Previous Oracle iPlanet Web Proxy Server 4.0 Releases

This appendix lists the following important features and enhancements provided in Oracle iPlanet Web Proxy Server release 4.0.14 and later releases. It contains the following sections:

- [Features and Enhancements in 4.0.27](#)
- [Features and Enhancements in 4.0.26](#)
- [Features and Enhancements in 4.0.25](#)
- [Features and Enhancements in 4.0.24](#)
- [Features and Enhancements in 4.0.23](#)
- [Features and Enhancements in 4.0.22](#)
- [Features and Enhancements in 4.0.21](#)
- [Features and Enhancements in 4.0.20](#)
- [Features and Enhancements in 4.0.19](#)
- [Features and Enhancements in 4.0.18](#)
- [Features and Enhancements in 4.0.17](#)
- [Features and Enhancements in 4.0.16](#)
- [Features and Enhancements in 4.0.15](#)
- [Features and Enhancements in 4.0.14](#)

The features and enhancements in Oracle iPlanet Web Proxy Server 4.0 releases prior to 4.0.14 are described in the individual *Release Notes* documents specific to those releases, which are available at:

<http://docs.oracle.com/cd/E19438-01/legacy.html>

A.1 Features and Enhancements in 4.0.27

There are no new features and enhancements in Oracle iPlanet Web Proxy Server 4.0.27.

A.2 Features and Enhancements in 4.0.26

There are no new features and enhancements in Oracle iPlanet Web Proxy Server 4.0.26.

A.3 Features and Enhancements in 4.0.25

Oracle iPlanet Web Proxy Server 4.0.25 provides support for additional Transport Layer Security (TLS) protocols. In addition to TLS 1.0, TLS 1.1 and TLS 1.2 are now supported. SSL3 has been disabled by default.

A.4 Features and Enhancements in 4.0.24

There are no new features and enhancements in Oracle iPlanet Web Proxy Server 4.0.24.

A.5 Features and Enhancements in 4.0.23

There are no new features and enhancements in Oracle iPlanet Web Proxy Server 4.0.23.

A.6 Features and Enhancements in 4.0.22

4.0.22 includes the following new features and enhancements:

- This release introduces a new SAF `keep-alive-timeout-absolute`, which allows absolute KA timeout for pooled backend connections. For more information, see [Section 3.2.36](#).
- This release supports JRE7.

A.7 Features and Enhancements in 4.0.21

4.0.21 includes the following new features and enhancements:

- The following new buttons have been introduced in the Administration Server interface:
 - The button **Undo Unsaved Changes** is displayed along with the existing buttons (Restart Proxy, Restart Socks, Load Configuration Files) when clicking the **Restart Required** link. This button can be used to undo any unsaved changes made through the Administration Server interface. When you click this button, the administration or working copies of all configuration files (the files under `config` directory) are returned to their last backup versions.
 - The button **Undo Manual Changes** can be used to undo any manual edits done to the server configuration files. When you click this button, the server copies of all configuration files (the files under `config`) are returned to their last backup versions. The last backup versions are also stored in the `config` directory, and maintained by the Administration server.
- A new parameter `enable-ipv6` has been introduced for internal `dns-lookup`. For more information, see [Section 3.2.30](#).
- A parameter `search-in` has been introduced for internal `dns-lookup` to handle non-FQDN lookups. The `dns-lookup` SAF fails unless the target hostname is an FQDN. The parameter `search-in` specifies a comma-separated list of domain names.

Example: `DNS fn="dns-lookup" server="..." search-in="in.example.com, us.example.com"`
- A new `dbswitch` parameter `referrals` has been introduced that optionally disables referrals during LDAP search. This parameter is on by default. According

to your requirement, you may turn the referral off by setting the default value as false.

Example:

```
directory default ldap:// ... default:referrals false
```

- In this release, `um-define-junction` takes a new boolean parameter `secure-cookie`. For more information, see [Section 3.2.5](#).
- This release introduces a new SAF `host-dns-cache-config` to control DNS caching behavior. For more information, see [Section 3.2.31](#).

A.8 Features and Enhancements in 4.0.20

4.0.20 includes the following new features and enhancements:

- Oracle iPlanet Web Proxy Server 4.0.20 supports the following platforms:
 - Solaris 11 Express
 - Oracle Enterprise Linux 6

For information about other supported platforms, see [Section 1.4.1](#)
- This release introduces a new `timeout` property for LDAP configurations in `dbswitch.conf`. For more information, see [Section 3.2.27](#).
- A new boolean parameter `blockingaccept` has been introduced to the `<LS>` element in `server.xml`. For more information, see [Section 3.2.26](#).
- Oracle iPlanet Web Proxy Server 4.0.20 supports the `magnus.conf` parameter `NetWriteTimeout` that will enable timeout on write operations to clients. The `NetWriteTimeout` parameter takes an integer value which specifies the client write timeout in seconds, and is disabled by default.

A.9 Features and Enhancements in 4.0.19

4.0.19 includes the following new features and enhancements:

- Oracle iPlanet Web Proxy Server 4.0.19 is certified on SUSE Linux Enterprise Server 11 Service Pack 1. For information about other supported platforms, see [Section 1.4.1](#).
- This release introduces a new property `usersearchfilter` for the `dbswitch.conf` file. You can use the `usersearchfilter` property to specify an alternative attribute name (in place of `uid`) as a user search filter for LDAP operations, as shown in the following example:

```
default:usersearchfilter SAMAccountName
```

For information about the other `dbswitch.conf` properties, see the *Oracle iPlanet Web Proxy Server 4.0.14 Configuration File Reference*.

<http://docs.oracle.com/cd/E2169201/821-1883/aebnk/index.html>

- Oracle iPlanet Web Proxy Server can now parse multipart responses.
- A new SAF `forward-auth-user` has been introduced to forward an authenticated user name to the server in the back end. For more information, see [Section 3.2.24](#).
- New attributes have been introduced for the `FILECACHE` element in the `server.xml` configuration file to specify a limit for the size of the file cache's temporary directory and to enable removal of the directory when the server is shut down. For

more information, see [Section 3.2.25](#).

A.10 Features and Enhancements in 4.0.18

A new parameter called `maxrequestperconnection` is introduced for the LS element in the `server.xml` file.

A.11 Features and Enhancements in 4.0.17

4.0.17 includes the following features and enhancements:

- Oracle iPlanet Web Proxy Server 4.0.17 is certified on SUSE Linux Enterprise Server 10 Service Pack 3.
- The JRE 6 version is being bundled with 4.0.17. For more information, see [Section 3.2.1](#).

A.12 Features and Enhancements in 4.0.16

The `um-define-junction` SAF accepts several new parameters to configure cookie rewriting. For more information about this enhancement, see [Section 3.2.5](#).

A.13 Features and Enhancements in 4.0.15

4.0.15 includes the following features and enhancements:

- Date and time parameters have been added to the `<Client>` tag to enable use of time intervals to limit execution of directives on requests received from specific clients. For more information, see [Section 3.2.9](#).
- The `disable-javascript-rewrite` parameter has been added to the `um-define-junction` SAF to suppress JavaScript variable rewriting for specific JavaScript variables. For more information, see [Section 3.2.5](#).
- The `<Include>` tag has been added to the `obj.conf` file syntax to support the inclusion of other files in `obj.conf`. For more information, see [Section 3.2.11](#).
- The `lookup-ipv6-first` parameter has been added to the `dns-config` SAF to control whether IPv6 or IPv4 addresses are looked up first. For more information, see [Section 3.2.12](#).
- The `status-code` and `status-desc` parameters have been added to the `send-error` SAF. For more information, see [Section 3.2.14](#).
- The `RouteOfflineCheckInterval` directive has been added to the `magnus.conf` file to configure the frequency at which Oracle iPlanet Web Proxy Server checks the health of gateways marked as offline. For more information, see [Section 3.2.15](#).
- The NSS version supported by Oracle iPlanet Web Proxy Server has been updated to 3.12.6, and the NSPR version has been updated to 4.8.4.
- The "Enter ACL List Cache Size" field has been added to the Admin GUI to support specification of this value interactively.
- The "Reset Status" button has been added to the Admin GUI Proxy-instance> Server Status> Monitor Current Activity page to reset the monitored values without restarting Oracle iPlanet Web Proxy Server.
- This release addresses the following documentation issues:

| Issue ID | Description |
|-----------------|--|
| 6294290 | Proxy 4: <code>admin.conf</code> has no documentation. See Section 3.2.8 . |
| 6962675 | Proxy 4 doc RFE - need some descriptions for <code>regexp-redirect</code> function in WPS docs/manual. See Section 3.2.13 . |
| 6965246 | DOCS: WPS4.0.14 introduces new parameter to the <code>http-client-config</code> function. See Section 3.2.10 . |

A.14 Features and Enhancements in 4.0.14

4.0.14 includes the following features and enhancements:

- The `ChannelPoolValidate` directive has been added to the `magnus.conf` file. It controls whether the channel pool is actively checked for stale or closed connections.
- The `ChannelPoolMonitorInterval` directive has been added to the `magnus.conf` file. It specifies how frequently the channel pool is to be checked for stale or closed connections.
- The `ChannelReuseValidate` directive has been added to the `magnus.conf` file. It controls whether persistent connections are validated before they are reused.
- The `always-retry-stale-keep-alive` parameter has been added to the `http-client-config` SAF. It controls whether the HTTP client retries a failed request even when the number of retries is set to zero, provided that the request failure was due to a stale persistent connection.

Issues Resolved in Previous Oracle iPlanet Web Proxy Server 4.0 Releases

This chapter lists the most important issues fixed in previous Oracle iPlanet Web Proxy Server 4.0 releases. It contains the following sections:

- [Issues Resolved in 4.0.27](#)
- [Issues Resolved in 4.0.26](#)
- [Issues Resolved in 4.0.25](#)
- [Issues Resolved in 4.0.24](#)
- [Issues Resolved in 4.0.23](#)
- [Issues Resolved in 4.0.22](#)
- [Issues Resolved in 4.0.21](#)
- [Issues Resolved in 4.0.20](#)
- [Issues Resolved in 4.0.19](#)
- [Issues Resolved in 4.0.18](#)
- [Issues Resolved in 4.0.17](#)
- [Issues Resolved in 4.0.16](#)
- [Issues Resolved in 4.0.15](#)
- [Issues Resolved in 4.0.14](#)
- [Issues Resolved in 4.0.13](#)
- [Issues Resolved in 4.0.12](#)
- [Issues Resolved in 4.0.11](#)
- [Issues Resolved in 4.0.10](#)
- [Issues Resolved in 4.0.9](#)
- [Issues Resolved in 4.0.8](#)
- [Issues Resolved in 4.0.7](#)
- [Issues Resolved in 4.0.6](#)
- [Issues Resolved in 4.0.5](#)
- [Issues Resolved in 4.0.4](#)
- [Issues Resolved in 4.0.3](#)

- [Issues Resolved in 4.0.2](#)
- [Issues Resolved in 4.0.1](#)

B.1 Issues Resolved in 4.0.27

[Table B-1](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.27. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B-1 *Issues Resolved in Oracle iPlanet Web Server 4.0.27*

| Issue ID | Summary |
|----------|---------------------|
| 22680134 | NSS upgrade to 3.21 |

B.2 Issues Resolved in 4.0.26

[Table B-2](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.27. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B-2 *Issues Resolved in Oracle iPlanet Web Server 4.0.26*

| Issue ID | Summary |
|----------|--|
| 18946640 | Oracle iPlanet Web Proxy non-interactive upgrade unexpectedly asks for input |
| 20597388 | NSS 3.17.4 update |
| 21104387 | Version changes for 4.0.26 |

B.3 Issues Resolved in 4.0.25

[Table B-3](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.25. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B-3 *Issues Resolved in Oracle iPlanet Web Server 4.0.25*

| Issue ID | Summary |
|----------|---|
| 18258370 | HTTP3085 error when locking log file during access log rotation. |
| 18359146 | Unable to edit access control with Firefox 24. |
| 19722851 | NSS upgrade to 3.17.2. |
| 20076135 | The <code>get-client-cert</code> operation does not work when SSL3 is disabled. |
| 20076181 | Disable SSLV3 in OIWPS. |
| 20227067 | Version changes for 4.0.25. |
| 20421870 | Provide support for TLS 1.1 and TLS 1.2 in Oracle iPlanet Web Proxy Server 4.0. |
| 20670092 | Disable SSL3 by default in libproxy, and add support for TLS1.1 AND 1.2. |

B.4 Issues Resolved in 4.0.24

[Table B-4](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.24. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B-4 Issues Resolved in Oracle iPlanet Web Server 4.0.24

| Issue ID | Summary |
|----------|--|
| 18114821 | The <code>rewrite-set-cookie-domain</code> parameter does not rewrite the domain parameter as expected when set to true. |
| 18276429 | Upgrade to NSS release 3.16. |
| 18778567 | Get request fails when it contains <tab> or extra <space> characters. |
| 18789918 | HTTP version check returns 400 instead of 505 in SSL mode. |
| 18799089 | .Version changes for 4.0.24. |

B.5 Issues Resolved in 4.0.23

[Table B-5](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.23. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B-5 Issues Resolved in Oracle iPlanet Web Server 4.0.23

| Issue ID | Summary |
|----------|--|
| 17793275 | Enforce LDAP timeout. |
| 17437126 | Proxy Server incorrectly appends its port number to the redirected url. |
| 17195208 | Integrate NSS 3.14.3. |
| 17233112 | Version changes for 4.0.23. |
| 17181916 | <code>cache-setting SAF's exclude</code> parameter does not work. |
| 17174272 | <code>cache-setting SAF: no-merge</code> and <code>replace</code> not implemented. |
| 17169053 | Files with a <code>css/js</code> extension contain extra headers when served from the cache. |
| 17355173 | DOC: SUSE Linux packages for 4.0.22. See Section 1.4.4.2 . |

B.6 Issues Resolved in 4.0.22

[Table B.6](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.22. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B-6 Issues resolved in Oracle iPlanet Web Proxy Server 4.0.22

| Issue ID | Summary |
|----------|--|
| 12681544 | Reverse proxy generates bad <code>Location:</code> headers. |
| 13027513 | Oracle iPlanet Web Proxy Server should rewrite/enforce <code>set-cookie</code> expiry information. |
| 13565092 | JRE7 support in Oracle iPlanet Web Proxy Server 4.0. |
| 15888239 | Remove license-specific text from the Proxy server installer. |
| 15888240 | Remove stray/unwanted text from installer resource text. |
| 15888241 | In the installer, change case of some text from uppercase to title case. |
| 15888244 | Fix spelling in installer resource text. |

Table B–6 (Cont.) Issues resolved in Oracle iPlanet Web Proxy Server 4.0.22

| Issue ID | Summary |
|----------|--|
| 16162449 | Verify SHA-2 support on Proxy server. |
| 16219945 | Allow absolute KA timeout for pooled backend connections. |
| 16246744 | Add verbose logging for host DNS cache subsystem. |
| 16293698 | Proxy should reject corrupted cache files. |
| 16315577 | Use SHA-2 while generating a CSR using administration GUI. |
| 16359191 | Administration server cannot show certificate correctly when external ssl module is used. |
| 16365400 | Remove Verisign-related options from administration GUI security panel. |
| 16676972 | Version changes for Proxy server 4.0.22. |
| 16698239 | DOC: Document new parameter <code>keep-alive-timeout-absolute</code> . See Section 3.2.36 |
| 16766323 | Translation text for Installer interface - fix formatting |
| 16803942 | DOC: Add more information about the parameter <code>sleepinterval</code> . See Section 3.2.37 |
| 16818607 | Administration copies of configuration files have incorrect timestamps. |
| 16823886 | Bad memory access while shutting down server under load. |
| 16843729 | SOCKS connect timeout should be configurable. |
| 16957713 | DOC: Document new SOCKS parameter <code>socks5_connect_timeout</code> . See Section 3.2.38 |

For information about issues resolved in the previous Proxy Server releases, see [Appendix B](#).

B.7 Issues Resolved in 4.0.21

[Table B–7](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.21. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B–7 Issues resolved in Oracle iPlanet Web Proxy Server 4.0.21

| Issue ID | Summary |
|----------|--|
| 12181115 | Proxy server 4.0.4 uninstaller leaves some residual folders after uninstallation. |
| 12228605 | In Proxy server 4.0.5, a <code>url-filter</code> which contains a single quote cannot be edited using the GUI. |
| 12708828 | When you manually generate a PAC file from a PAT file in Proxy Admin GUI, there is a crash of the admin program. |
| 14207617 | Admin GUI: Problem with system CGI. |
| 14207632 | Admin GUI: Problem with <code>bupdate</code> CGI. |

Table B-7 (Cont.) Issues resolved in Oracle iPlanet Web Proxy Server 4.0.21

| Issue ID | Summary |
|-----------------|--|
| 14270380 | How to turn off referrals in the LDAP search of Proxy server. |
| 14281410 | DOC: Clarify proxy log format and the -P option. See Section 3.2.32 |
| 14374146 | DOC: Document option <code>cont="no"</code> in new <code>dns-lookup</code> SAF and its limitations. For example, no IPv6. See Section 1.5.4 |
| 14395969 | Group search filter is not working. |
| 14463408 | Cannot search groups in MS active directory (MSAD) using Proxy Admin GUI. |
| 14506319 | Limitations of <code>dns-lookup</code> SAF. For example, IP based requests do not work. |
| 14507518 | Version changes for Proxy server 4.0.21. |
| 14512385 | Limitations of <code>dns-lookup</code> SAF: Non-FQDN hostnames. |
| 14513563 | Default installation path should not be <code>\$HOME/Oracle/Middleware/ProxyServer4</code> . |
| 14535268 | <code>cache local hosts</code> can not be configured through Admin GUI. |
| 14547807 | DOC: HTTP 407 error page is changed from Proxy server 4.0.10. See Section 3.2.33 |
| 14585403 | DOC: Compressed content cannot be rewrote by Content URL Rewriting. See Section 3.2.34 |
| 14688237 | Proxy Server should compress contents with <code>fn="suppress-request-headers"</code> . |
| 14703102 | Cannot create cache partition with CLI <code>cbuild</code> for an existing directory. |
| 14752900 | DOC: Document changed behavior of CLI <code>cbuild</code> between 4.0.4 and 4.0.5. See Section 3.2.35 |
| 15834572 | <code>host-dns-cache-init</code> improvement required to get new IP to origin server. |
| 15853677 | Improve DNS <code>dns-lookup</code> with TTL information from DNS. |
| 15869341 | Change the words "You can undo your unsaved changes..." in Admin console. |
| 15869349 | Administration console has more accurate <code>Required Restart</code> . |
| 15869537 | Um-junction cookies are not secured. |
| 15875532 | Add IPv6 support to internal <code>dns-lookup</code> functionality. |
| 15887424 | Add option in Admin GUI to undo manual changes. |
| 15887622 | Proxy Admin: <code>View server settings</code> needs to be fixed. |
| 15887740 | URL mapping should be compatible with fix for bug 14688237. |
| 15906186 | Silent installation appears to be broken. |
| 15906409 | Allow internal <code>dns-lookup</code> to use custom ports (other than 53). |

Table B-7 (Cont.) Issues resolved in Oracle iPlanet Web Proxy Server 4.0.21

| Issue ID | Summary |
|----------|---|
| 15951334 | Proxy 4.0 crashes when dns-lookup is enabled while accessing host through IP. |

B.8 Issues Resolved in 4.0.20

Table B-8 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.20. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B-8 Issues Resolved in Oracle iPlanet Web Proxy Server 4.0.20

| Issue ID | Summary |
|----------|---|
| 12207931 | Validation in rename group page is not present while renaming group name |
| 12237972 | Proxy server does an invalid name look up when path element is missing |
| 13508654 | Request to support Oracle Solaris 11 express for Proxy Server 4.0.x |
| 13510003 | Request to support OEL 6/RHEL 6 for Proxy Server 4.0.x |
| 13818057 | Request to add timeout parameter for client connection while writing data See Section 3.2.29 |
| 13905244 | Proxy server needs to be able to block I/O on the OS socket See Section 3.2.26 |
| 13963571 | 4.0.19 installer is not localized |
| 13989967 | Proxy server should implement a timeout parameter for its LDAP operations See Section 3.2.27 |
| 14040829 | Error: An error occurred during startup. The proxy-server1 <server> was not started |
| 14073946 | Unnecessary line is added in jvm.cfg after upgrading to 4.0.19 |
| 14094807 | Attribute <code>removetempdir</code> is not recognized when you upgrade to 4.0.19 |
| 14094824 | Attribute <code>tempfilespace</code> is not recognized when you upgrade to 4.0.19 |
| 14095432 | On and Off buttons allow multiple click on Internet Explorer only |
| 14096436 | Proxy Server incorrectly modifies client HTTP header |
| 14105836 | Version changes for 4.0.20 |
| 14139947 | Rename Group functionality should not allow empty group names |
| 14144205 | Doc: Document new configuration parameter <code>blockingaccept</code> See Section 3.2.26 |
| 14144220 | Doc: Document new <code>timeout</code> property for LDAP configurations See Section 3.2.27 |
| 14150420 | Doc: Sample of regular expression of <code>url-filter</code> is not correct See Section 3.2.28 |
| 14161227 | Doc: Document NSS version used by Proxy on HP-UX |
| 14166518 | Verify <code>NetWriteTimeout</code> <code>magnus.conf</code> parameter |
| 14200556 | Avoid potential crash in GC subsystem during load conditions |
| 14223733 | Admin server crashes on Linux 2.6 |

Table B–8 (Cont.) Issues Resolved in Oracle iPlanet Web Proxy Server 4.0.20

| Issue ID | Summary |
|----------|---|
| 14223922 | Proxy startup failure on Solaris 11 |
| 14246878 | Fix invalid error messages during Proxy startup on OEL6 |

B.9 Issues Resolved in 4.0.19

[Table B–9](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.19. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B–9 Issues Resolved in Oracle Proxy Server 4.0.19

| Issue ID | Summary |
|----------|--|
| 13059290 | Old server certificate is used after reconfiguration |
| 13097307 | A new <code>dbswitch.conf</code> property <code>usersearchfilter</code> has been introduced. For more information, see Section 1.1 . |
| 13241379 | <code>createinstance.exe</code> memory error when creating a new instance after new installation in Windows XP |
| 13241613 | Doc: Bug 6558027 should be removed from list of known issues |
| 13328380 | "Startup on Boot" prompt requires input in lowercase |
| 13390045 | Range: header with multiple values is not parsed |
| 13411845 | Trace listed in Allow: header in a 405 response to a trace request |
| 13426302 | Cache metadata can get corrupted |
| 13429806 | Cache statistics need improvement (negative values shown for "files created") |
| 13449891 | Unable to log <code>proxy-authorization</code> header in access log |
| 13472939 | Cache file purging can cause garbage collection inaccuracy |
| 13473022 | Race condition in garbage collection functionality |
| 13478112 | Cache garbage collection: incorrect handling of dangling lock files |
| 13483552 | <code>proxy-authorization</code> header is moved from <code>rq->headers</code> to <code>rq->vars</code> |
| 13521719 | Implementation of <code>redirect</code> SAF modified in 4.0.17 |
| 13522912 | Doc: Update release notes with SLES-specific dependencies See Section 1.4.4.2 . |
| 13598316 | <code>%</code> character in URL changed to <code>%25</code> in the location header of a 302 response |
| 13601633 | Accessing cached object using newer <code>if-modified-since</code> results in 200 response |
| 13601650 | Proxy should give precedence to <code>if-none-match</code> over <code>if-modified-since</code> |
| 13610163 | Admin GUI support for new <code>dbswitch.conf</code> parameter <code>usersearchfilter</code> |
| 13643378 | Version changes for 4.0.19 |
| 13686086 | Core: product name should be Oracle iPlanet Web Proxy Server |
| 13690480 | After migration, start error: <code>core7503: invalid or missing GC configuration in server.xml</code> |
| 13690551 | After migration, start error: <code>core7152: can't open ../.cache-data/.size for reading</code> |
| 13693179 | Optionally pass <code>auth-user</code> to the backend server in a request header See Section 3.2.24 . |

Table B–9 (Cont.) Issues Resolved in Oracle Proxy Server 4.0.19

| Issue ID | Summary |
|-----------------|---|
| 13699840 | Files return 200 with zero content length |
| 13700670 | Proxy server should remove aged temporary files from the file cache temporary directory See Section 3.2.25 . |
| 13700698 | Request to add a parameter for filecache function to limit the temporary directory size See Section 3.2.25 . |
| 13712161 | Proxy server does not log messages to the errors log if group-based LDAP authentication is used |
| 13721532 | LDAP connection parameter is incorrect |
| 13725130 | admingui/perf/stats changes related to bug# 13429806 |
| 13726719 | Enhancement request for proxy server 4.0.19 + (32-bit) certification |
| 13737050 | 'configure file cache' does not exist when proxy server is upgraded |
| 13767826 | Installer: product name should be Oracle iPlanet Web Proxy Server |
| 13767847 | Admin: product name should be Oracle iPlanet Web Proxy Server |
| 13772160 | Proxy chaining unable to log the header %req->headers.client-ip% |
| 13797523 | Doc: Document new SAF forward-auth-user (fix for 13693179) See Section 3.2.24 . |
| 13797548 | Doc: Document new attributes to filecache configuration in server.xml (fix for 13700698 and 13700670) See Section 3.2.25 . |
| 13843527 | Incorrect value is displayed for garbage collection in error log |

B.10 Issues Resolved in 4.0.18

[Table B–10](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.18. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B–10 Issues Resolved in Proxy Server 4.0.18

| Issue ID | Summary |
|-----------------|---|
| 12309210 | Error processing long directive lines in Socks Co. |
| 12397203 | Proxy 4.0 does not support IPV6 addresses in ACL configuration. |
| 12580207 | IPV6: HTTP3127: [LS LS1] HTTP://[FE80::20C:29FF:FE2C:8ADB]:8080: Error creating |
| 12589688 | NO-FORMAT-STR.ACCESS of flex-init is invalid on Web Proxy 4.0.x. |
| 12605750 | Proxy NSFC always shows "Maxage: 0 Seconds". |
| 12630518 | Windows: Add Server page is not getting displayed at times. |
| 12639709 | Doc: RFE for docs in setting up Proxy Array. For more information, see Section 3.2.23 . |
| 12676751 | Doc: Add more details for file cache. For more information, see Section 3.2.22 . |
| 12700707 | Upgrade to newer version of NSS. |

Table B-10 (Cont.) Issues Resolved in Proxy Server 4.0.18

| Issue ID | Summary |
|-----------------|---|
| 12700817 | Doc: Maxsize description of partition attributes is not matched to actual caching BEH. For more information, see Section 3.2.21 . |
| 12713910 | Version changes for 4.0.18. |
| 12726248 | Admin: Proxy Array: The "Redirect" option is not implemented. |
| 12726319 | Admin: ICP: The "Redirect" option is not implemented. |
| 12733725 | Web Proxy Server should log stop message to log file after the instance is stopped. |
| 12748873 | Doc: No need to restart the Web Proxy Server after the PAC file generation. For more information, see Section 3.2.20 . |
| 12753559 | LD_LIBRARY_PATH may not be set correctly before invoking "parsexml" in the start command. |
| 12754044 | Admin: Edit listen socket: Listen socket is not associated to installed certificate. |
| 12755285 | Admin: Add listen socket: Listen socket is not associated with installed certificate. |
| 12772070 | Admin: "Set cache specifics" screen can be confusing. |
| 12772085 | The <code>Service-Nfsc-dump</code> should display memory used for storing small file contents. |
| 12803279 | Installer does not allow "-" for administration user name. |
| 12812190 | Web Proxy Server should log stop message to log file after socks server stopped. |
| 12861774 | Add a new parameter for GC sleep interval. |
| 12862155 | Proxy crash at GC_Log. |
| 12862365 | Cannot open file for <code>"/.Cache-data/.status"</code> file on the proxy server 4.0.18. |
| 12867732 | GC does not happen in some condition. |
| 12870255 | Administration GUI does not accept "+" as a valid input for the IP address list in the ACL file. |
| 12870420 | Doc: Document the syntax using subnet mask notation in proxy server 4.0 ACL file. For more information, see Section 3.2.19 . |
| 12929743 | Windows event errors when start up Proxy 4.0.15. |
| 12931809 | Doc: Oracle iPlanet proxy server Virt-map SAF description is missing. For more information, see Section 3.2.18 . |
| 12931829 | Oracle iPlanet proxy server virtual multihosting option "From-Prefix" is missing. |
| 12932343 | Needs IPV4 address validation in Administration GUI ACL configuration screen. |
| 12951802 | Doc: Fix CR: 6932016-Verisign EV Cert chain issue with new built-in CA root 4.0.16. For more information, see Section 2.3 . |
| 12990952 | Administration GUI OLH changes required (BUG# 12327750). |
| 12990962 | Administration GUI OLH changes required (Bug# 12931829). |
| 13004785 | Need IPV6 address validation in the administration GUI ACL configuration screen. |
| 13013946 | Web proxy deletes slashes that precede JS comments. |
| 13014098 | Content URL rewriting of an HTML tag should be HTML encoded. |
| 13022670 | Doc: Request to add minimum required memory and minimum recommended disk space in the release notes. For more information, see Section 1.5.11 . |
| 13261035 | Doc: Document new attribute to the <LS> element in the <code>Server.xml</code> file (Bug#13087905). For more information, see Section 3.2.17 . |

B.11 Issues Resolved in 4.0.17

Table B–11 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.17. The documentation issues are prefixed "Doc:" in the Summary column of the table.

Table B–11 Issues Resolved in Proxy Server 4.0.17

| Issue ID | Summary |
|----------|---|
| 12087481 | Proxy 4.0 must honour <code>must-revalidate/proxy-revalidate/s-maxage</code> whenever the server is not reachable. |
| 12196137 | Cache filter gets inserted or removed twice under certain conditions. |
| 12199013 | admin: Modify the GUI for "Create Mapping" option of Proxy Array Table (PAT). |
| 12201262 | admin: <code>createInstance.exe</code> error while creating new instance. |
| 12206845 | Log message not clear in the Web Proxy 4.0 FTP subsystem. |
| 12207918 | admin: User interface behavior is inconsistent when the proxy server is started or stopped. |
| 12208047 | The ON and OFF buttons are not at the same level while using Firefox 2.0 browser. |
| 12306924 | Redirect SAF generates bad <code>Location: Headers</code> . |
| 12306995 | Doc: Web Proxy 4.0.14+ release notes indicates that the minimum JDK version is 1.6 BU. For more information, see Section 3.2.1 . |
| 12307931 | Web Proxy 4.0 should not cache "transfer-encoding: headers". |
| 12308510 | HTTP compression does not work with URL mapping. |
| 12308516 | Doc: No description provided for <code>Cache Finish Status</code> in the Access Log file. For more information, see Section 3.2.16 . |
| 12308568 | admin: Wrong default values for PAC map in "Creating Mapping". |
| 12308764 | Negative value for the "total space collected" parameter in the garbage-collection log messages. |
| 12308877 | HTTP compression should update the <code>flex-log</code> parameter that represents the amount of response body sent to the client. |
| 12309349 | The client IP address is not found in headers within the proxy chain. |
| 12309663 | Doc: <code>Rewrite-error</code> option of <code>http-client-config</code> SAF needs to be added to Oracle iPlanet Web Proxy Server. For more information, see Section 3.2.10 . |
| 12327750 | Need an interface to set or copy route cookie values in the routing configurations. |
| 12328313 | CR#6917211 AND CR#6917212 details not available in 4.0.15 release notes |
| 12387354 | Administration CGI does not consider the case of SHA1 fingerprint. |
| 12393186 | Doc: <code>Timeout</code> parameter is not available in the <code>http-client-config</code> SAF. For more information, see Section 3.2.10 . |
| 12396179 | Once the customer enables user authentication, Oracle iPlanet Web Proxy Server cannot navigate to the HTTPS site. It can navigate to the HTTP site. |
| 12396620 | Version changes for 4.0.17. |
| 12397532 | Web Proxy 4.0 should bundle JDK 6U24 |
| 12405702 | HTTP client: Request headers names longer than 21 bytes get distorted. |
| 12412400 | Request for certification of Oracle iPlanet Web Proxy Server 4.0.17 on SLES 10 SP3. |
| 12610835 | URL mapping: Server consumes the CPU memory when set to cookie. The value contains the backslashes. |
| 12615471 | Server startup message fails to display the version information. |

Table B–11 (Cont.) Issues Resolved in Proxy Server 4.0.17

| Issue ID | Summary |
|----------|---|
| 12615577 | Administration Server is not starting on Windows. |
| 12615605 | Newly created proxy instance does not start up HP-UX. |

B.12 Issues Resolved in 4.0.16

Table B–12 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.16.

Table B–12 Issues resolved in Proxy Server 4.0.16

| Issue ID | Summary |
|----------|---|
| 6941325 | Doc: Cache capacity needs to be updated in the admin guide. See Section 3.2.2 . |
| 6943974 | Doc: Flexible logging option <code>%Req->vars.xfer-time%</code> should be documented. See Section 3.2.3 . |
| 6976513 | Optionally strip newlines off <code>clf-request</code> while creating access log entries. For more information, see Section 3.2.4 . |
| 6977597 | admin: Need better documentation/awareness on "open proxy security hole" (bug# 6565436). |
| 6977869 | Event scheduler should report completion of scheduled commands by an appropriate message in the error log. |
| 6981847 | URL filter: Hash table lookups happen without locking. |
| 6984479 | WPS4.0.14 support matrix is not correct. |
| 6987488 | SOCKS server does not allow log file names longer than 128 characters. |
| 6988564 | admin: Place a consistent limit on the length of a new instance's server ID. |
| 6989877 | URL mapping neither rewrites nor forwards domain parameters in <code>Set-cookie:</code> headers. Two new parameters— <code>set-cookie-domain-from</code> and <code>set-cookie-domain-to</code> have been introduced for the <code>um-define-junction</code> SAF. For more information, see Section 3.2.5 . |
| 6991199 | Proxy should start correctly when there is a <code>pid</code> file with nonrelated PID. |
| 6991975 | URL mapping: Need feature to rewrite path parameters of <code>Set-cookie:</code> headers. Two new parameters— <code>set-cookie-path-from</code> and <code>set-cookie-path-to</code> have been introduced for the <code>um-define-junction</code> SAF. For more information, see Section 3.2.5 . |
| 6994416 | Doc: <code>%duration%</code> measured in milliseconds in Red Hat Linux (whereas documentation indicates microseconds). See Section 3.2.6 . |
| 6997088 | Should support <code>Forwarded:</code> header for compatibility with 3.6. |
| 7001073 | Doc: ACL database name does not work. See Section 3.2.7 . |
| 7002721 | Enhance verbose and finest logging for LDAP database errors. |
| 7003922 | cluster: Admin Server with SSL can't add server to cluster database and transfer files. |
| 7006581 | WPS4.0.12: High CPU usage. |

Table B-12 (Cont.) Issues resolved in Proxy Server 4.0.16

| Issue ID | Summary |
|----------|--|
| 7006595 | Version changes for 4.0.16. |
| 7006908 | Doc: Document the cookie rewriting feature newly added to URL mapping. See Section 3.2.5 . |
| 7006910 | Doc: Document the new parameter added to the "flex-log" SAF. For more information, see Section 3.2.4 . |
| 7007911 | cluster: Admin CGI crashes while attempting to transfer configuration to slave. |
| 7007928 | cluster: SSL clients in admin CGIs should trust all server certs by default. |
| 7009238 | LDAP connection problem when in Windows 2008. |
| 7010394 | Server crash during startup while processing incorrectly formatted <code>password.conf</code> . |
| 7011418 | URL mapping: Redirects lose the query string. |
| 7014437 | URL mapping: Content/URL rewriting produces corrupted responses. |
| 7015526 | Blank page is displayed on clicking the Cluster tab in the Administration Server interface (HP-UX). |

B.13 Issues Resolved in 4.0.15

[Table B-13](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.15.

Table B-13 Issues Resolved in Proxy Server 4.0.15

| Issue ID | Summary |
|----------|--|
| 6524998 | Proxy 4.0 <code>urldb</code> utility fails when processing an invalid regular expression |
| 6917211 | Proxy 4.0 undergoes heap overflow for TRACE requests |
| 6917212 | While handling digest authentication Proxy 4.0 buffer overflows |
| 6942431 | Proxy 4.0: Consider adding time-related parameters to the <code><Client></code> tag |
| 6945755 | Proxy server cannot set the number of Acceptor Threads = number of CPUs as stated in docs |
| 6946517 | WPS4.0: OPTIONS method does not work in SSL |
| 6946561 | RFE: Proxy 4.0 - Ability to set <code>ACLCacheMax</code> through Admin GUI |
| 6946565 | RFE - need capability to reset Perf counters without server restart |
| 6946566 | RFE - Capability to manage <code>obj.conf</code> through separate include files, for example, managing URL list in another |
| 6949070 | Proxy 4.0: <code>urldb</code> : expired cache files are not removed |
| 6951418 | Proxy 4.0: Event scheduler: time "drift" causes events to be missed |
| 6952442 | Proxy 4.0 Admin cache program failure with <code><Client></code> tag in <code>obj.conf</code> |
| 6955415 | Proxy Server 4.0.13 - need <code>rewrite-host</code> parameter in <code>virt-map</code> function |
| 6957135 | WPS docs - new directives in <code>magnus.conf</code> need add to Configuration File Reference. Going forward, all updates to 4.0 documentation will be documented only in the release notes. |
| 6957675 | Proxy 4.0 Admin GUI warnings when users edit <code>NameTrans fn="regex-redirect"</code> (regular expression URL redirections) |

Table B-13 (Cont.) Issues Resolved in Proxy Server 4.0.15

| Issue ID | Summary |
|----------|--|
| 6957676 | WPS4.0 Basic authentication does not work with regular mapping only |
| 6960464 | Proxy 4.0 - health check in load-balancing likes to be configurable in timeout and frequency |
| 6964554 | Proxy 4.0 RFE - new lookup-ipv6-first to allow cu to select the order of DNS lookup |
| 6965840 | Query parameter of service SAFs do not work in forward proxy configurations |
| 6965842 | RFE: allow send-error to accept a "status" parameter |
| 6965883 | Version changes for 4.0.15 |
| 6966757 | WPS 4.0.14: URL rewrite problem (um-output) with missing "/" slash |
| 6968929 | Integrate NSS 3.12.6 |
| 6970769 | SOCKS log messages contain invalid session identification |
| 6970776 | Proxy 4.0: SOCKS server should print meaningful error log information |
| 6972347 | Proxy 4.0: proxy serves truncated responses from the cache |
| 6974046 | DTD file rename issue in Proxy Server 4.0.14 (SVR4 patch) |
| 6974382 | Proxy 4.0: "url mapping" should allow selective rewriting of javascript |
| 6974692 | SOCKS proxy host name resolution: Host name unresolved does not fail returning connection to port on client |
| 6977431 | proxy server number of Acceptor Threads in the admin GUI should be equal to the number of cups as stated in docs |

B.14 Issues Resolved in 4.0.14

Table B-14 lists the issues resolved in Oracle iPlanet Web Proxy Server release 4.0.14.

Table B-14 Issues Resolved in Proxy Server 4.0.14

| Issue ID | Summary |
|----------|---|
| 6914759 | The pool monitor thread's interval should be configurable. |
| 6916393 | Proxy 4.0 channel pool implementation: Need optional validation of pooled channels. |
| 6917624 | Proxy 4.0: httpclient should (optionally) always retry when a keep-alive connection is stale. |
| 6917655 | Proxy 4.0: (optionally) Validate a connection before reusing. |
| 6920803 | Document the new directive: ChannelPoolValidate added as part of the fix for 6916393. |
| 6920804 | Document the new directive: ChannelPoolMonitorInterval added as part of the fix for 6914759. |
| 6920805 | Document the new directive: ChannelReuseValidate added as part of the fix for 6917624. |
| 6920806 | Document the new parameter: always-retry-stale-keep-alive added as part of the fix for 6917655. |
| 6920836 | CR#6648470 is not listed in Readme of patch#120981-19. |
| 6921169 | There's no description about "retries" parameter of http-client-config in the manual. |
| 6921170 | The behavior with retries="0" is not described. |

Table B-14 (Cont.) Issues Resolved in Proxy Server 4.0.14

| Issue ID | Summary |
|-----------------|--|
| 6921721 | Proxy 4.0: Failure under load on linux. |
| 6923914 | SJSPS 4.0.13 server instance fails to start for T5240 niagara cert token "Sun Metaslot". |
| 6931137 | Proxy 4.0 rebranding: Installer: change default install location. |
| 6931138 | Proxy 4.0 rebranding: Change product name/version string. |
| 6931139 | Proxy 4.0 rebranding: Admin OLH: modify image and links. |
| 6931140 | Proxy 4.0 rebranding: Top frame of admin GUI screen needs changes to reflect oracle rebranding. |
| 6931141 | Proxy 4.0 rebranding: Admin: The copyright text in the "Version" popup window should be modified. |
| 6931142 | Proxy 4.0 rebranding: Product README file should be updated as part of oracle rebranding. |
| 6931143 | proxy 4.0 rebranding: Installer: change installer's left pane image. |
| 6931988 | proxy 4.0 rebranding: Installer should not display any license. |
| 6931989 | Proxy 4.0 rebranding: Support browsers IE8 and FF 3.5. |
| 6931990 | Proxy 4.0 rebranding: Product License file should be updated as part of oracle rebranding. |
| 6931991 | Proxy 4.0 rebranding: Installer: Product name should be changed. |
| 6931994 | Proxy 4.0 rebranding: Installer: change installer's/uninstaller's log file name. |
| 6931996 | Proxy 4.0 rebranding: Installer: copyright string should change in instance/admin scripts/config. |
| 6931997 | Proxy 4.0 rebranding: DTD file names should be changed. |
| 6932000 | Proxy 4.0 rebranding: Default value of "Proxy-agent" header should be changed. |
| 6932002 | Proxy 4.0 rebranding: Default authentication prompt in ACL templates should be changed. |
| 6932476 | Proxy 4.0 NTLM support: Server keeps wrong count of idle connections in connection pool. |
| 6932483 | Proxy 4.0 NTLM: Server should not cache responses passing through an authenticated connection. |
| 6933138 | Proxy 4.0 rebranding: Change copyright strings in external header files. |
| 6933148 | Proxy 4.0.13 Admin GUI default security Cryptographic Module should not set to NSS Generic Crypto Ser. |
| 6933175 | WPS suffers from an input checking error which permits the reading of arbitrary files from local fs. |
| 6933223 | Version changes for 4.0.14. |
| 6933599 | Proxy 4.0: Issues with support of "Proxy-support:" header. |
| 6933647 | Proxy 4.0 rebranding: Admin OLH: Changes to reflect new product name. |
| 6934367 | Upgrade on Windows creates a "Oracle iPlanet Web Proxy Server" entry in add/remove programs. |
| 6936445 | Proxy 4.0.13 - 2 new CA root certificates cannot be displayed correctly from admin GUI. |
| 6937256 | Submit and revert button under ACL setting under admin GUI are not being displayed in firefox 3.6. |

Table B-14 (Cont.) Issues Resolved in Proxy Server 4.0.14

| Issue ID | Summary |
|-----------------|---|
| 6937459 | Proxy forwards POST headers without POST entity body. |
| 6939617 | Proxy 4.0 rebranding: installation: windows upgrade fails upon change of product name. |
| 6939990 | Proxy 4.0 rebranding: Admin GUI: Change images in the "Version" popup. |
| 6940022 | Proxy 4.0: Compiler version change: Move to Sun Studio 12. |
| 6941325 | Proxy 4.0 Docs: Cache capacity needs updating in Proxy Admin Guide. |
| 6941493 | Proxy 4.0 rebranding: Changes to package/rpm related files. |
| 6941954 | Proxy 4.0 rebranding: Admin server's realm string should not contain a "Web" prefix. |
| 6941956 | Proxy 4.0 rebranding: OLH: Modify/remove the "Document Information" page. |
| 6944070 | Proxy 4.0 rebranding: Admin GUI version window title needs to be changed. |
| 6945311 | Proxy 4.0: rebranding: Proxy Agent Header in the Admin GUI should show Oracle iPlanet Proxy Server. |
| 6945318 | Proxy 4.0: urldb emits invalid warning/error message while expiring cache files. |
| 6946167 | Proxy 4.0 rebranding: Upgrade in windows should not create a new entry of start > programs >. |
| 6955678 | Problem with directory permissions. |
| 6955684 | Problem with file permissions. |
| 6955723 | Problem with JSESSIONID. |
| 6955741 | Problem with HTML pages. |
| 6955759 | Problem with admin console (param INSTANCE_NAME). |
| 6955761 | Problem with admin console (reflected XSS). |
| 6955762 | Problem with admin console (param absolute). |
| 6955763 | Problem with admin console (param mime). |
| 6955764 | Problem with admin console (param cmd). |
| 6955765 | Problem with admin console (param type). |
| 6955766 | Problem with admin console (adminReferrer). |
| 6955769 | Problem with admin console (resource). |
| 6956084 | Problem with admin console (target). |
| 6956086 | Problem with admin console (dscruiser-lang). |
| 6956143 | Problem with admin console (clickjacking). |

B.15 Issues Resolved in 4.0.13

Table B-15 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.13.

Table B-15 Issues Resolved in Proxy Server 4.0.13

| Issue ID | Summary |
|-----------------|--|
| 6886805 | Proxy Server 4.0 appears to go into a high CPU consumption loop while processing POST requests for ftp URLs. This is accompanied by memory growth. |

Table B–15 (Cont.) Issues Resolved in Proxy Server 4.0.13

| Issue ID | Summary |
|-----------------|---|
| 6896637 | Proxy Server 4.0 goes into high CPU consumption and memory leak while processing ftp HEAD requests. |
| 6896640 | Proxy Server 4.0 fails during startup if <code>server.xml</code> does not contain GC-related configuration. |
| 6900117 | Integrate NSS 3.12.5 which contains fixes for the SSL/TLS vulnerabilities. |
| 6905852 | Proxy Server 4.0 fails due to a bug in caching subsystem. |
| 6862976 | Proxy Server 4.0's "map" SAF should allow mappings to specific files on a remote server. |
| 6875375 | Proxy Server 4.0 Admin GUI Cache View (cv) program fails. |
| 6878190 | Proxy Server 4.0.x supports Sun Fire T-Series Crypto Accelerator when installation user and instance user are the same, such as root. |
| 6878699 | Proxy Server 4.0.8 has <code>.htaccess</code> issues with <code>grpfile</code> if this user belongs to multiple groups. |
| 6885145 | "HTTP3287: connection limit (XXXX) exceeded, closing socket" Proxy Server 4.0 displays this error message every time when the requests exceed a <code>ConnectionQueue</code> size. |
| 6888184 | After upgrade, installer displays strangely worded message in Proxy Server 4.0.11. |
| 6891353 | Proxy Sever 4.0.x does not recognize \$ character. |
| 6895030 | The cache finish status can be missing/empty due to existing lock file under heavy load conditions. |
| 6897536 | Proxy 4.0 currently does not support the behavior promised by a "Proxy-support: Session-Based-Authentication". |
| 6898929 | Proxy 4.0.13 supports Microsoft Windows 2008 Enterprise Edition. |
| 6900151 | When a cached object is being refreshed after its size has changed at the remote server, and chunked encoding is used, the cache-finish status is absent in the server's access logs. |
| 6901079 | The <code>http client</code> can be enhanced to optionally run the Error stage for any error responses that it receives from a back end server. |
| 6906258 | Proxy Server 4.0 needs to support arbitrary LDAP search filter in <code>dbswitch.conf</code> . |
| 6906789 | Corrupted cache files can be formed in a Proxy 4.0 installation cache under load. |
| 6910914 | URL mapping does not work with <code>send-error</code> . |

B.16 Issues Resolved in 4.0.12

Table B–16 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.12.

Table B–16 Issues Resolved in Proxy Server 4.0.12

| Issue ID | Summary |
|-----------------|---|
| 6856153 | Proxy 4.0 fails in the ftp subsystem under stress. |
| 6856800 | Mapping cache breaks under a high load environment on Proxy Server 4.0.8. |
| 6869927 | Integrates NSS 3.12. |
| 6882485 | Proxy Server 4.0 fails during startup with ICP enabled and <code>MaxProcs > 1</code> . |
| 6851886 | Adds a dedicated thread to monitor the ldap connection pool for validation. |

Table B–16 (Cont.) Issues Resolved in Proxy Server 4.0.12

| Issue ID | Summary |
|----------|---|
| 6863071 | Proxy Server 4.0 caching does not happen for large query strings (> 150 characters, approximately). |
| 6864966 | Feature request to strip the version number out of the service name (Proxy Server 4.0.11). |
| 6864967 | Notifies the user when upgrading the custom Proxy Server installation to check javahome. |
| 6868580 | Version changes for 4.0.12. |
| 6872808 | Proxy Server 4.0 should support Windows 2003 R2 SP2. |
| 6874449 | Proxy Server 4.0 build patch scripts need to be notified for new buildpatch location. |
| 6876811 | SSL tunnel does not log initial wait time and full wait time in extended2 logging. |
| 6882926 | Proxy Server 4.0 ICP port not available on Solaris x86. |
| 6883024 | Proxy Server 4.0 byte range handling is broken. |
| 6883480 | Proxy Server 4.0 displays "Bad CIF entry" message while looking up a cache file. |
| 6883492 | Proxy Server 4.0 does not receive ICP messages by peers on x86. |
| 6878213 | send-error should choose error file path based on browser locale. |

B.17 Issues Resolved in 4.0.11

Table B–17 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.11.

Table B–17 Issues Resolved in Proxy Server 4.0.11

| Issue ID | Summary |
|----------|---|
| 6835885 | The ftp subsystem of Proxy Server 4.0 has a bug that leads to memory corruption and server failure. |
| 6837779 | A memory leak is observed in Proxy Server 4.0 ftp subsystem while accessing directories through ftp. |
| 6842576 | The caching subsystem of Proxy Server 4.0 has a bug that leads to memory corruption and returns incomplete response headers when served from the cache. |
| 6844188 | Proxy Server 4.0 can fail due to memory corruption, while serving ftp requests from the cache. |
| 6847078 | The caching subsystem of Proxy 4.0 should identify and avoid processing of corrupt cache files to serve requests. |
| 6847467 | Configuring the Proxy Server 4.0 to use the pre-filter SAF causes server to fail. |
| 6853447 | Proxy server fails when the script associated with the pre-filter SAF contains an empty line at the beginning. |
| 6827602 | The statistics generation in Proxy Server 4.0 should show data for both "Client DNS cache" (host-to-ip) and "Host DNS cache" (ip-to-host). |
| 6836430 | The Expires header is not handled correctly in Proxy Server 4.0.9. |
| 6837471 | Proxy Server 4.0.9 fails to display Statistics page on Linux and throws a "500 Error". |
| 6838323 | Proxy Server 4.0 displays wrong "504 Gateway Timeout Error" when <NameTrans fn="set-variable" error="504">. |
| 6838907 | Windows Installer for Proxy Server 4.0 does not allow port values less than 1024 for the server instance, while allows for Administration Server. |

Table B–17 (Cont.) Issues Resolved in Proxy Server 4.0.11

| Issue ID | Summary |
|----------|---|
| 6843724 | Garbage collection in Proxy Server 4.0 may produce a race condition under heavy load. |
| 6847488 | A bug in the Proxy Server 4.0 administration interface makes it difficult to edit template assignments that contain '+' characters. |
| 6847849 | The <code>server.xml</code> file is not updated on modifying the cache "Working Directory" in Proxy 4.0 administration interface. |
| 6848296 | Authentication problems are observed in Proxy 4.0, while using <code>ACLCacheMax</code> parameter. |
| 6849204 | A potential memory corruption and server failure occurs in Proxy Server 4.0 due to a <code>parray</code> module issue. |
| 6849650 | Proxy Server fails during restarts when configured for <code>MaxProcs > 1</code> . |
| 6853436 | While updating the cache size through "Set Cache Specifics", <code>server.xml</code> does not get updated. |
| 6808135 | Proxy Server 4.0.9 has a typo issue while accessing "Server Config Information" panel in both Admin GUI and CLI. |
| 6825292 | Proxy Server 4.0 should allow Admin GUI to enable or disable both types of DNS cache; <code>ip-dns-cache-init</code> and <code>host-dns-cache-init</code> . |
| 6840526 | Proxy Server 4.0 has potential problems with <code>parray</code> code. |
| 6841509 | During Proxy installation, selecting "Startup on Boot = yes" results in an error. |
| 6843134 | Verbose logging mode of automatic GC is required. |

B.18 Issues Resolved in 4.0.10

Table B–18 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.10.

Table B–18 Issues Resolved in Proxy Server 4.0.10

| Issue ID | Summary |
|----------|---|
| 6764910 | Proxy Server 4.0 fails due to dynamic reconfiguration. |
| 6783252 | Proxy Server 4.0 should display cache finish status for responses marked as <code>non-cacheable</code> by the remote server. |
| 6793247 | Proxy Server should optionally ignore caching directives in HTTP request headers. |
| 6559322 | Proxy Server must support large web proxy cache size greater than 32 GB. |
| 6773378 | URL filtering must allow specifying relative URLs. This facilitates URL filtering to work along with load balancing. |
| 6781954 | The <code>passthru-cookies</code> parameter in the URL mapping feature, used to specify cookies, does not function properly in a few cases. |
| 6785653 | POST with proxy authentication fails with a 407 error if you have not authenticated before the POST. |
| 6789769 | The URL filter functionality does not consider <code>CONNECT</code> requests. |
| 6791870 | The Proxy Server's administration interface does not allow multiple reverse mappings to the same destination. |
| 6798154 | Certain <code>url</code> constructs, with a space and a single quotation, are not translated properly by the Proxy Emulator. |
| 6804616 | Proxy Server 4.0.10 supports the feature - Transparent Proxy Support for HTTP/1.1 requests. |

Table B-18 (Cont.) Issues Resolved in Proxy Server 4.0.10

| Issue ID | Summary |
|-----------------|--|
| 6803379 | The Proxy Server 4.0.9 patch, 120983-16 and prior versions, provides support for RHEL 3.0, 4.0, and 5.0. |
| 6796045 | In the Proxy Server's administration interface, the DNS cache information in Monitoring functionality should be updated appropriately. |
| 6754044 | Upgrading Proxy Server on Windows fails, because only a single installation of Proxy Server 4.0 is allowed on Windows. |
| 6781259 | The Java version information on the Proxy Server installation wizard is not updated. |
| 6820625 | URL rewriting fails, when a url has a space after a quotation mark. |
| 6820622 | Proxy Server inserts a wrong If-modified-since: request header when without-lastmod is enabled. |
| 6817164 | cbuild should include appropriate help message for the -R option. |
| 6816997 | Proxy Server 4.0 has a problem in the map SAF's HTTP redirect functionality. |
| 6812802 | Proxy statistics are not displayed for DNS on HP-UX, after enabling the Activate Statistics/Profiling. |
| 6805450 | Web Proxy Emulator problem while using DHML application. |

B.19 Issues Resolved in 4.0.9

Table B-19 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.9.

Table B-19 Issues Resolved in Proxy Server 4.0.9

| Issue ID | Summary |
|-----------------|--|
| 6712042 | Proxy Server 4.0 encounters an instance hang in <code>cache_filter_remove</code> function. |
| 6713723 | In Proxy Server 4.0, the cache partition/section <code>.size</code> files do not always show accurate values. |
| 6715885 | Proxy Server 4.0 reported log error messages related to cache lock file problem. |
| 6715891 | In Proxy Server 4.0, templates meant for <code>CONNECT</code> requests do not function properly. |
| 6721344 | Proxy Server 4.0 should have the ability to rewrite client headers. |
| 6722629 | Proxy Server 4.0 leaks file descriptors in the <code>ftp</code> subsystem when configured in <code>PORT</code> mode. |
| 6722646 | Proxy Server 4.0 leaks file descriptors in the caching subsystem while handling partial HTTP responses. |
| 6723344 | In Proxy Server 4.0, the cache statistics collection logic performs a complete cache traversal during startup. This happens multiple times, contributing to a slow server startup. |
| 6725741 | Disabling statistics or profiling functionality in the Proxy Server 4.0 administration interface, does not function properly. |
| 6727215 | In Proxy Server 4.0, large negative values are seen for <code>xfer-time</code> in the access log. |
| 6728447 | In Proxy Server 4.0.7, digest authentication used to process an ACL fails when the URL contains a query string with backslashes. |
| 6735228 | In Proxy Server 4.0, the caching subsystem has a file descriptor leak under certain conditions. |
| 6739585 | Proxy Server 4.0 needs an alternative faster method to find out current cache size. |

Table B–19 (Cont.) Issues Resolved in Proxy Server 4.0.9

| Issue ID | Summary |
|-----------------|--|
| 6740248 | In Proxy Server 4.0.7, Admin GUI displays null for Processes and Listen Queue Size instead of default values. |
| 6741262 | Performance optimization is required for the Proxy Server 4.0 caching subsystem. |
| 6745095 | Proxy Server 4.0 should tolerate HTTP responses that contain embedded spaces in header names. |
| 6745170 | Proxy Server 4.0 should support on RHEL5. |
| 6746138 | Proxy Server 4.0 should have the capability to rewrite HTTP request bodies. |
| 6747928 | FTP requests going through Proxy Server 4.0 as URL <code>ftp://user:password@server</code> , where the password contains the @ character, generates an incorrect response. |
| 6750791 | Proxy Server 4.0.7 fails under load, due to a problem in the ACL subsystem. |
| 6759153 | Proxy Server 4.0.8 fails due to a problem in the URL mapping subsystem. |
| 6762346 | Improper handling of <code>cache-control</code> header in Proxy Server 4.0. |
| 6768244 | Improper functioning of channel pooling logic in Proxy Server 4.0, results in service unavailability and possible memory leak. |
| 6275141 | File cache functionality is not implemented in Proxy Server 4.0. |
| 6767688 | Proxy Server 4.0 should support the "only-if-cached" <code>cache-control</code> directive. |
| 6767691 | Proxy Server 4.0 should support the "stale-while-revalidate" <code>cache-control</code> extension. |

B.20 Issues Resolved in 4.0.8

Table B–20 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.8.

Table B–20 Issues Resolved in Proxy Server 4.0.8

| Issue ID | Summary |
|-----------------|--|
| 6648112 | Proxy Server 4.0.6 and 4.0.7 do not provide a way to disable EPSV FTP Transfer Mode. |
| 6655221 | Increase the maximum timeout for idle connections on the Proxy SOCKS Server 4.x. |
| 6660265 | <code>flexanlg/dpstats</code> log analyzer is unable to deal with large access log files. |
| 6660814 | In Proxy Server 4.0, the block/fwd IP character of the most specific object is not enforced correctly. |
| 6664392 | In Proxy Server 4.0, improper handling of <code>vary</code> header occurs. |
| 6664646 | In Proxy Server 4.0, improper handling of <code>via</code> header occurs. |
| 6670738 | In Proxy Server 4.0, there is a possible 'High CPU Utilization' problem in the FTP subsystem. |
| 6688600 | Proxy Server 4.0.7 Admin GUI adds <code>am</code> into the <code>server.xml</code> file when using Caching-Schedule Garbage Collection page. |
| 6692494 | In Proxy Server 4.0, the cache filter masks the client write failures even when a cache file is not opened. |
| 6692495 | Proxy Server 4.0 can fail during Garbage Collection/Cache iteration code. |
| 6695257 | Integrate URL mapping feature. |

Table B–20 (Cont.) Issues Resolved in Proxy Server 4.0.8

| Issue ID | Summary |
|----------|---|
| 6707473 | Heap-based buffer overflow exists in FTP Proxy Server. |
| 6708838 | Upgrade to JDK 1.5 in Proxy Server 4.0. |
| 6708842 | Telemetry feature for Proxy Server 4.0. |
| 6711396 | <code>dpstats</code> dumps core in customer log file. |
| 6454382 | Reverse Proxy Server should allow changing cookie domain value in <code>set-cookie</code> . |

B.21 Issues Resolved in 4.0.7

Table B–21 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.7.

Table B–21 Issues Resolved in Proxy Server 4.0.7

| Issue ID | Summary |
|----------|--|
| 6729343 | Proxy Server 4.0.7 - Upgrading on Windows 2003 while the server is running fails. When upgrading on Windows from Proxy Server 4.0.6 to Proxy Server 4.0.7 without stopping the server, the process fails with errors. Stopping the server before attempting the upgrade will ensure the upgrade runs successfully. |
| 6261401 | URL filter files should be created under the <code>config</code> directory instead of the <code>conf_bk</code> directory. |
| 6590476 | FTP subsystem is not closing the old connections appropriately. |
| 6591980 | The ownership of the URL filter is not set to that of the server instance user. |
| 6592079 | Backup files are getting created with wrong ownership. |
| 6594729 | Receives an HTTP 7756 invalid response header, but serves the file to the client. |
| 6595773 | FTP in Proxy Server 4.0.5 shows incorrect directory list. |
| 6596860 | Proxy Server should return a correct response when a pooled FTP connection receives the reset packet. |
| 6599212 | Add a dedicated thread that monitors the FTP connection pool for inactive connections. |
| 6600193 | Proxy-Agent header does not work. |
| 6602044 | Incorrect FTP response while reloading the page multiple times. |
| 6602049 | Need to improve handling of FTP requests for internal objects like file and folder icons. |
| 6604108 | Incorrect response while dealing with invalid response headers. |
| 6605322 | Provide an in-process cleaning facility to clean cache entries fast. |
| 6613934 | Digest authentication prompts user to authenticate repeatedly. |
| 6619592 | <code>httpacl</code> and alias directories exist for the removed instance. |
| 6620274 | Proxy Server 4.0.6 is unable to create new cache working directory if parent directory does not exist. |
| 6621398 | Proxy Server 4.0.6 fails to work with FTP server when you try to forward map to a back end of FTP server. |
| 6622805 | Proxy Server 4.0 does not respond and gets timed out, while accessing certain FTP URLs. |

Table B–21 (Cont.) Issues Resolved in Proxy Server 4.0.7

| Issue ID | Summary |
|----------|---|
| 6622813 | Proxy Server 4.0: Starts very slow when the cache size is huge. |
| 6628381 | A proxy instance for which the cache is disabled cannot be removed cleanly. |
| 6634127 | Memory corruption causes server failure. |
| 6635864 | Manage Certificates screen on the administration interface is not displayed correctly. |
| 6639455 | Proxy Server does not respond on stop or restart. |
| 6641201 | The Proxy-Authenticate headers are not passed correctly to the end client in a forward proxy. |
| 6648470 | Proxy 4.0: Possible memory corruption while processing responses that contain "Vary:" |

B.22 Issues Resolved in 4.0.6

Table B–22 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.6

Table B–22 Issues Resolved in Proxy Server 4.0.6

| Issue ID | Summary |
|----------|--|
| 6224535 | Timeout functionality does not work. |
| 6460215 | Cannot connect to an IPv6-enabled web site when connecting through Proxy Server. |
| 6478413 | Uninstalling a Proxy Server instance does not result in the removal of the files corresponding to the instance from the <code>alias</code> and <code>httpacl</code> directories. |
| 6494418 | <code>block-multipart-posts</code> parameter does not block the request when <code>content-type</code> parameter is set. |
| 6505578 | <code>sockd</code> daemon can run out of worker threads when processing UDP associated requests. |
| 6513846 | Proxy Server 4.0.6 documents are updated to remove reference to HTTPS caching. |
| 6514870 | Removing a template through the Remove Template option does not remove all the assignments for that template. |
| 6520593 | A new section "Precedence of Regular Expressions Over Templates in Set Cache Configuration" is added to Chapter 16 in the Proxy Server 4.0.6 <i>Administration Guide</i> to explain why templates used within Set Configuration do not work but manually entered regular expressions do. |
| 6526659 | Incorrect server start command is displayed in the installer. |
| 6529376 | The default cache size for Proxy Server on Windows is 100 megabytes but the help page states that it is 1.6 gigabytes. |
| 6530476 | The path to the <code>libjvm.sl</code> file in the start script is not set correctly. |
| 6534717 | When <code>cache-status</code> is enabled in the access log, the access logs repeatedly show cache file as written and deleted for request headers that <i>have</i> <code>cache-control</code> set to <code>no-cache</code> . |
| 6537346 | Log entries show cache status as written even when cache file is not created. |
| 6538613 | <code>cachegc</code> dumps core if the Proxy Server instance's cache directory has been modified. |
| 6541327 | <code>cachegc</code> sometimes works incorrectly. |

Table B–22 (Cont.) Issues Resolved in Proxy Server 4.0.6

| Issue ID | Summary |
|-----------------|---|
| 6545753 | Error log shows a confusing error message when Proxy Server encounters an invalid request line. |
| 6546256 | On Windows, a regular expression is not registered correctly in the <code>obj.conf</code> file. |
| 6546720 | Cannot connect to certain sites when DNS cache is enabled. |
| 6547808 | On Windows, the <code>watchdog</code> process fails when the Proxy Server instance is stopped through the service manager. |
| 6559837 | Proxy server fails while handling an ftp request. |
| 6560432 | The Proxy Server 4.0.6 <i>Administration Guide</i> and the online help are updated to include a description for Source Port Number. |
| 6562122 | For an SSL Proxy Server instance, an incorrect password entry does not get written to the errors file. |
| 6562165 | Proxy Server 4.0.6 <i>Administration Guide</i> is updated to remove references to the file cache functionality. |
| 6562585 | Proxy Server 4.0.6 <i>Release Notes</i> is updated to provide the correct version number for NSPR. |
| 6563262 | During ftp access some error log messages are noticed that convey no information and can be confusing. |
| 6564435 | Details of the Cache Section Table on the administration interface are not displayed correctly. |
| 6565004 | Proxy Server 4.0.6 <i>Release Notes</i> is updated to provide correct link to the Proxy Server documentation page. |
| 6565021 | Internal log rotation rotates the files twice if the system time is changed between two scheduled rotations. |
| 6565436 | The section "Disabling the Forward Proxying feature in a Reverse Proxy Setup" under "Setting Up a Reverse Proxy" in Chapter 14 of the Proxy Server 4.0.6 <i>Administration Guide</i> is updated to add information about how to prevent a security vulnerability in a reverse proxy server configuration. |
| 6566246 | Cross-site scripting vulnerability in the View Error Log functionality. |
| 6566309 | Cross-site scripting vulnerability in the View URL Database functionality. |
| 6566352 | Cannot connect to an IPv6 FTP server through Proxy Server. |
| 6566822 | HTTP headers with a very long value can cause memory corruption in Proxy Server. |
| 6566836 | <code>flexanlg</code> dumps core. |
| 6566889 | After setting a value for Processes in the Configure System Preferences page, the value cannot be changed back to null. |
| 6566924 | Help page is updated to provide a clearer explanation for Processes in the Configure System Preferences page. |
| 6568534 | Reference to Proxy Server 3.6 documentation issue is removed from Proxy Server 4.0.6 <i>Release Notes</i> . |
| 6569516 | Proxy Server accepts and forwards responses whose header names contain spaces. |
| 6572128 | Localized online help is updated to provide the correct context-sensitive help page. |
| 6572138 | The access log does not include certain connection-related information. |
| 6574401 | Proxy Server supported browsers to be enhanced to include Internet Explorer (IE) v7. |

Table B–22 (Cont.) Issues Resolved in Proxy Server 4.0.6

| Issue ID | Summary |
|----------|--|
| 6576044 | Proxy Server 4.0.6 <i>Configuration File Reference</i> is updated to document the newly added SOCKS configuration parameter <code>SOCKS5_UDPASSOC_TIMEOUT</code> . |
| 6576050 | Proxy Server 4.0.6 online help is updated to specify the effect of the HTTP client's retry functionality. |
| 6576065 | Proxy Server 4.0.6 online help is updated to make it consistent with style guidelines and the Proxy Server's product user interface. |
| 6577128 | Proxy Server support to be extended for Sun Crypto Accelerator 6000. |
| 6578024 | LDAP connection failure errors. |
| 6578560 | In the message that Proxy Server displays after an upgrade to indicate how you can access the Administration Server, the server name and port name are indicated as <code>null (http://null:null)</code> |
| 6579049 | Proxy server creates an incorrect partition, which causes errors during startup. |
| 6579781 | An empty <code>host-regex</code> argument in the <code>virt-map</code> directive results in Proxy Server failure. |
| 6581350 | Proxy Server installation contains debug JDK binaries. |
| 6584989 | In the Version window, the label is not located in the center of the Close button when the browser is IE 7. |
| 6594191 | Localized online help has to be integrated to Proxy Server 4.0.6. |

B.23 Issues Resolved in 4.0.5

Table B–23 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.5

Table B–23 Issues Resolved in Proxy Server 4.0.5

| Issue ID | Summary |
|----------|--|
| 6240773 | Deleting the listen socket and restarting the server does not clear the port. |
| 6390867 | On Windows, <code>cv.exe</code> fails when you try to view the information for a cached <code>csv</code> file. |
| 6391439 | Clearing the Enable DNS subdomains option in the administration interface does not remove the line <code>DNS fn="dns-config" local-domain-levels="0"</code> from the <code>obj.conf</code> file. |
| 6413536 | <code>webservd</code> must be used as the default user and not <code>nobody</code> . |
| 6463455 | Proxy Server 4.0.5 <i>Release Notes</i> is updated to state the version of Sun Crypto Accelerator that supports Proxy Server. |
| 6466910 | Proxy Server 4.0.5 <i>Administration Guide</i> is updated to describe the procedure to set up Sun Crypto Accelerator to work with Proxy Server. |
| 6482102 | Files cannot be retrieved from certain FTP sites through web browsers when connecting through Proxy Server. |
| 6500200 | Expired page is not displayed in the administration interface. |
| 6500224 | FTP through SOCKS routing does not work. |
| 6500232 | Proxy Server 4.0.5 online help is updated to mention Cache in the help page for the Monitoring Server Status page. |
| 6500547 | FTP through SOCKS routing occasionally results in file corruption. |
| 6506550 | Proxy server can fail due to null pointer access in caching subsystem. |

Table B-23 (Cont.) Issues Resolved in Proxy Server 4.0.5

| Issue ID | Summary |
|-----------------|---|
| 6513846 | Proxy Server 4.0.5 <i>Release Notes</i> is updated to state that Proxy Server does not support HTTPS caching. |
| 6517969 | Processing of <code>obj.conf</code> and ACL does not work as expected. |
| 6520629 | Configure Virtual Multihosting page in the administration interface does not allow user port number in <code>host-regex</code> . |
| 6521610 | When the Set Cache Specifics page in the administration interface is used to enable cache, it does not remove the "cache-disable" line in the <code>obj.conf</code> file. |
| 6523139 | Proxy Server debug build does not log all the information, such as disconnects. |
| 6524253 | Proxy Server watchdog core dump. |
| 6524898 | When the cache structure is created by <code>cbuild.exe</code> , the <code>.sects</code> file in the cache becomes empty after the instance starts. |
| 6525294 | The <code>flexanlg</code> utility dumps core if there are any syntax problems in the log file. |
| 6526297 | The Manage Section page in the Proxy Server administration interface lists all the sections of all the partitions, and offers a way to move sections from one partition to another. This feature does not work correctly. |
| 6526354 | When a new Partition is added, one section gets created. |
| 6526964 | SOCKS v5 server disconnects sessions unexpectedly. |
| 6526990 | The localized versions of Proxy Server 4.0.4 online help have a link that does not work properly. |
| 6527840 | Shutting down the SOCKS server using the administration interface results in a different message compared to the message that is displayed while starting. |
| 6528069 | Though the maximum cache partitions possible in Proxy Server is 32, there is a problem in creating 32 partitions in Proxy Server 4.0.3. |
| 6529305 | When using Virtual Multihosting, if you define the host in uppercase, it does not work. |
| 6534208 | The version string has to be changed for the 4.0.5 release. |
| 6537410 | Proxy Server sometimes waits to receive a new HTTP request until Proxy Server closes the connection. |
| 6537736 | Proxy Server has a domain buffer overflow vulnerability. The problem specifically exists in the handling of domain name address types within the <code>sockd</code> daemon. |
| 6537745 | Proxy Server has a domain buffer overflow vulnerability. The problem specifically exists in the <code>s5auth_userpass()</code> function within the <code>sockd</code> daemon. |
| 6538060 | The <code>startsvr</code> and <code>stopsvr</code> scripts of the Administration Server refer to <code>proxy-admserv404</code> instead of <code>proxy-admserv405</code> . |
| 6538173 | On HP-UX, the Administration Server displays an error page when you try to add a listen socket to a proxy instance. |
| 6539318 | On Linux, the utility <code>cbuild</code> does not work. |
| 6539689 | On Linux, if the group ID 80 already exists, Proxy Server installation does not work and the installation failure does not result in proper installation log. |
| 6544263 | Localized versions of the Proxy Server 4.0.5 online help must be updated with the changes made to the English version of the online help. |
| 6545267 | Proxy Server 4.0.5 <i>Configuration File Reference</i> is updated with information about log parameters. |

B.24 Issues Resolved in 4.0.4

Table B–24 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.4

Table B–24 Issues Resolved in Proxy Server 4.0.4

| Issue ID | Summary |
|----------|---|
| 4973509 | Cache-Control directive for private/no-cache headers is not supported for multiple values. |
| 4973523 | HEAD requests are not cached. |
| 4973652 | Proxy Server does not support 65536-byte long URLs. |
| 4999184 | When proxy server is configured in reverse proxy mode pointing to a web server, the error message displayed when the web server is down should not mention that it is Proxy Server. |
| 5093104 | The Proxy Server administration interface allows trailing white space for an HTTP header in client IP forwarding. |
| 6208895 | An FTP request through Proxy Server to a Microsoft IIS FTP server does not work. |
| 6214329 | Error in error log for HTTP4352:zlib internal error. |
| 6233086 | For client credentials forwarding with multibyte user name, validation check needs to be added. |
| 6243358 | A deleted user still appears as part of a group. |
| 6245972 | User's permission set through the Administer Access Control page does not get implemented. |
| 6246562 | Controlling a set of servers installed on different locales and platforms through clusters fails when stopping the set of servers. |
| 6253844 | There is no support for "zh-cn" for Proxy Server online help. |
| 6255761 | There is no content at the Installer Help page. |
| 6255838 | When a Proxy Server instance is removed without stopping the SOCKS server and a new instance is created, you will not be able to start the SOCKS server on the new instance because the port would be in use. |
| 6256442 | The installer displays the error message "Password should be at least 8 characters" only in English. |
| 6266497 | Administration interface allows duplicate port numbers in the Add Server page. |
| 6268356 | On Windows, SNMP service does not work if libnspr4.dll is not present in the system32 directory. |
| 6274424 | On Windows, the value for defaultInstallDirectory in the state file is wrong. The default installation directory in the installer is c:\sun\ProxyServer40, but the state file generated when you use the command setup --savestate does not have c:\sun\ProxyServer40 as the default installation directory. The state file displays the UNIX template value as the default installation directory. |
| 6304981 | Proxy Server installation fails on Linux if ksh is not installed on the system. |
| 6310283 | In the Proxy Server administration interface, sometimes the tabs display incorrect page content. |
| 6312087 | Localized online help is not context-sensitive. |
| 6313904 | The Administration Server does not allow you to set a listen socket with a port number that is used for another IP address. |
| 6321797 | Proxy Server 4.0.3 <i>Configuration File Reference</i> is updated with information for the flex-init parameter no-format-str.access. |
| 6331035 | Load balancing feature works only for regular expressions. |

Table B-24 (Cont.) Issues Resolved in Proxy Server 4.0.4

| Issue ID | Summary |
|-----------------|--|
| 6333355 | When the ACL caching is enabled, the user/group definition in the ACL has to exactly match the case of the LDAP entry for the ACL caching to happen. |
| 6337657 | Proxy Server displaying Internal Server Error message when the configuration of Distributed Administration is attempted. |
| 6369549 | Proxy patch installation on Java ES 5 results in some errors on Linux. |
| 6371618 | Cannot change Compression Level to NONE. Documentation should state what to select as the compression level. |
| 6380736 | Control does not transfer to Schedule GC page when Explicit GC is selected in the Set GC Preferences page. |
| 6382393 | Proxy Server is unable to perform FTP uploads. |
| 6382692 | During migration, the format string <code>Req->vars.pauth-user</code> in the <code>3.6 obj.conf</code> should be changed to <code>Req->vars.auth-user</code> . |
| 6383320 | Cannot remove cache file when contents file name has space or Japanese characters. |
| 6383435 | <code>sockd</code> process uses high memory on Linux. |
| 6387166 | View Server Settings page in the Proxy Server administration interface does not display the <code>MaxProcs</code> value. |
| 6388818 | The SOCKS server requires the Directory Service ID to be the default. |
| 6390034 | <code>libnspr4.dll</code> should be referred to first on the directory <code><install-dir>\bin\proxy\bin</code> instead of the directory <code>system32</code> . |
| 6390054 | Copyright year should be changed in the version window of the administration interface. |
| 6399395 | The Select Directory Services page does not reflect the directory service selection. |
| 6402589 | The function <code>http-client-config</code> does not take the setting from the most specific object. |
| 6411505 | The Redirect URLs page in the administration interface does not function as expected. |
| 6412129 | Proxy Server 4.0 migration tool must add the line <code>fn="block-ip"</code> if the setting is not found in the Proxy Server 3.6 instance. |
| 6414355 | Executing the command <code>batchupdate</code> with an invalid <code>bu.conf</code> file results in segmentation fault on Linux. |
| 6415125 | Change the compiler from Sun Studio 8 to Sun Studio 10. |
| 6416272 | Proxy Server fails to start properly after the server user is changed. |
| 6417755 | Links like Previous, Main, and Next not localized in the Proxy Server online help. |
| 6419925 | More cache-related statistics required in Proxy Server. |
| 6423487 | Detailed description on how to enable DNS statistics has been added to the online help. |
| 6425025 | The directive <code>host-map</code> does not work unless a <code>url-prefix</code> parameter is explicitly provided. |
| 6425026 | Proxy Server needs to distinguish cache objects based on Accept-Encoding headers. |
| 6425038 | Proxy Server does not consider <code>query-maxlen</code> when acting as reverse proxy with <code>cache-local</code> value set to 1. |
| 6425601 | The automatic garbage collection does not work in certain conditions. |
| 6425752 | There are duplicate headers in a 304 response from the cache. |

Table B–24 (Cont.) Issues Resolved in Proxy Server 4.0.4

| Issue ID | Summary |
|-----------------|---|
| 6426543 | Cache iterator leaks memory. |
| 6427137 | Proxy Server transmits micro version number in responses. |
| 6433285 | Some of the proxy core error messages are not localized. |
| 6433776 | .sects files are not created when the command <code>cbuild</code> is executed. |
| 6433807 | On Windows, Proxy Server and Administration Server display wrong version number in the start up message. |
| 6434137 | Proxy Server displays wrong error message on timeout. |
| 6435491 | In the Proxy Server 4.0.4 <i>Configuration File Reference</i> , in Chapter 5, the reference to the <code>type</code> parameter is removed in the section on Service derivative. |
| 6441601 | In the Proxy Server 4.0.4 <i>Administration Guide</i> , in Chapter 5, notes have been added to clarify the need to load the root keys of Certification Authority or the self-signing application. |
| 6442054 | In the Proxy Server 4.0.4 <i>Administration Guide</i> , in Chapter 5, the section Using SSL to Communicate with LDAP has been updated with information about importing LDAP root CA certificates to Proxy Server. |
| 6442071 | In the Proxy Server 4.0.4 <i>Administration Guide</i> , in Chapter 5, a new section is added to clarify about securing access to the Administration Server. |
| 6442090 | In the Proxy Server 4.0.4 <i>Installation and Migration Guide</i> , information has been added to clarify that: <ul style="list-style-type: none"> - Proxy Server can be installed as a non root user - Proxy Server can run as a non root user |
| 6442091 | Cache must correctly compute the value of <code>current_age</code> with the request delay added to the age. |
| 6442641 | Proxy Server 4.0 does not work well with <code>CONNECT</code> requests that specify a content-length. |
| 6443160 | On HP-UX, <code>zlib</code> library needs to be packaged with the product for Java ES 5. |
| 6443720 | Log analyzer can have issues when the access log file has no log information. |
| 6443731 | On Windows 2000 SP4, the system requires restart after configuration in the Java ES environment. |
| 6444332 | On HP-UX, executing <code>batchupdate</code> with invalid <code>bu.conf</code> results in segmentation fault. |
| 6444363 | On HP-UX, proxy instance does not get created with non root user. |
| 6444942 | Executing the command <code>cachegc</code> on a nonexistent instance fails. |
| 6445440 | Error messages are incompletely localized. |
| 6446098 | On HP-UX, there is an internal error in the View URL Database page. |
| 6446349 | On HP-UX, stress test results in <code>mmap()</code> failure. |
| 6446933 | In the Proxy Server 4.0.4 <i>Configuration File Reference</i> , references to <code>docs</code> directory are removed. |
| 6447423 | Proxy Server 4.0 leaks memory because the daemon structures are not freed properly. |
| 6447427 | Proxy Server 4.0 leaks memory while acquiring channel in common client. |
| 6447476 | The Proxy Server administration interface always displays the cache partition size as 0. |

Table B-24 (Cont.) Issues Resolved in Proxy Server 4.0.4

| Issue ID | Summary |
|-----------------|---|
| 6450886 | The new maximum value of 360 minutes for the <code>socks5.conf</code> parameter <code>SOCKS5_TIMEOUT</code> has been documented in the Proxy Server 4.0.4 <i>Configuration File Reference</i> . |
| 6454032 | Proxy Server binds to the same port each time the <code>Address</code> directive is set. |
| 6455411 | On Windows, Proxy Server needs to support coexistence of Java ES 4 and Java ES 5. |
| 6459839 | Migrating Proxy Server 3.6 to 4.0.3 with the cache disabled results in an unusable server instance. |
| 6461889 | HTML filter corrupts the transformed data. |
| 6461896 | HTML tag filter does not update the content length when it transforms the source document. |
| 6461991 | Typographic errors exist in the English source of <code>proxyResources.properties</code> file. |
| 6462366 | On HP-UX, Proxy Server fails to restart after configuring SOCKS name server. |
| 6463404 | Distributed administration does not work correctly when a user is given access to all programs. |
| 6463927 | The template file <code>WPSPProp.properties</code> has entries for the Windows platform. |
| 6465608 | On Windows, the shortcut for Stop Admin Server is not created for the Administration Server when Proxy Server is installed. |
| 6465984 | The file <code>proxyResources.properties</code> contains duplicate keys. |
| 6466452 | Proxy Server should update the installer registry key from Entsys to Entsys5. |
| 6467644 | On Windows Server 2003 Enterprise platform, running <code>reconfig.bat</code> fails. |
| 6470294 | On Windows, running <code>cbuild.exe</code> to decrease the cache sections does not remove the sections properly. |
| 6473677 | On Java ES 4 system, Proxy Server does not start after applying the patch 120981-08/120982-08. |
| 6478407 | In the Proxy Server 4.0.4 <i>Administration Guide</i> , in Chapter 7, the section Starting SSL-Enabled Servers is modified to remove the suggestion for start script modification. |
| 6480637 | Proxy Server fails every hour. |
| 6484781 | After enabling disturbed administration, even unauthentic users can log in to the Administration Server. |
| 6485988 | In the Proxy Server 4.0.4 <i>Configuration File Reference</i> , the section on Send-Error in Chapter 5 is updated to add a note stating that <code>send-error</code> does not work for Web Server HTTP response. |
| 6505480 | In a standalone installation of proxy server on HP-UX, installation fails on HP-UX 11.11. |
| 6519072 | In the installer for a standalone installation of Proxy Server 4.0.4, the JRE version compatible with the U.S. DST changes 2007 needs to be shipped. The compatible JRE version is 1.4.2_13 on Solaris, Windows, and Linux. On HP-UX, the compatible JRE version is 1.4.2.12. |
| 6519113 | In the Proxy Server 4.0.4 <i>Configuration File Reference</i> , the section on Error in Chapter 5 is updated to remove references to error response codes 404 and 500. |
| 6511549 | In a standalone installation of Proxy Server on HP-UX, installation fails in CLI mode. |
| 6520577 | In the Proxy Server 4.0.4 <i>Administration Guide</i> , the section on Virtual Multihosting is updated to add a note to indicate that the reverse mapping should be specified before the other mappings. |

B.25 Issues Resolved in 4.0.3

Table B–25 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.3

Table B–25 Issues Resolved in Proxy Server 4.0.3

| Issue ID | Summary |
|----------|---|
| 6191615 | Certain regular expressions when used as URL filters cause Proxy Server to fail while starting. |
| 6213012 | The ROTATELOGS event on Windows is not triggered at the time specified. |
| 6213726 | The Transfer Time Report reports a constant value of "0.00 sec/req". |
| 6215659 | The Transfer Time Distribution Report shows a constant value of "< 1 sec [100.0%]". |
| 6239292 | Log analyzer error with Extended2 format when access log file has no log information. |
| 6242032 | In the Proxy Server 4.0.2 <i>Administration Guide</i> , in Chapter 7, the section "Configuring System Preferences" has wrong description for Parent Array. The correct description is, "A parent array is a proxy array that a proxy or proxy array member routes through". |
| 6264079 | The administration interface overwrites default, which is the default value for Directory Service. |
| 6275141 | In Proxy Server 4.0.2, the File Cache feature is shown in the GUI and documented for the Server Manager > Caching > Configure File Cache page, but the feature is not implemented. |
| 6270693 | Sometimes the Filter directive is invoked twice per request. |
| 6285076 | SOCKS server cannot handle both the LDAP and password file for user authentication, when both the methods are configured. |
| 6285183 | PR_MemUnmap() call results in error in Windows. |
| 6285791 | SOCKS server start command-line issue for Java ES 4 is resolved in this release, but existing instances created in Java ES 4 installation will have the problem even after upgrading to the latest 4.0.3 patches. The new instances created after upgrade will not have this problem. This problem is not there in a standalone installation of Proxy Server. |
| 6289188 | When you install Proxy Server 4.0 as non root user and Administration Server as root user, any changes you make to the cache settings in the administration user interface result in the permissions for cache file and cache directory changing from non root to root. |
| 6292729 | The default setting for Client IP Addressing Forwarding should be blocked. |
| 6294282 | The Proxy Server 4.0 administration interface cannot set the ACL correctly for any resource that includes a backslash (\) in its pattern. |
| 6294563 | Default setting of the access log format to be different from the Web Server. |
| 6295286 | In the Proxy Server 4.0.2 <i>Administration Guide</i> , in Chapter 14, the section "Setting up a Reverse Proxy" needs to note in Step 5 that the "/" mapping is added only if the user does not change the contents of the "Map Source Prefix" text box provided automatically by the Administration GUI. |
| 6296870 | Details of the Cache Section Table on the administration interface are not displayed correctly. |
| 6299913 | The ConnAddress directive is not changed to Address during a migration from Proxy Server 3.6 to 4.0. |
| 6300480 | The setting of Cache tab is not migrated successfully during a migration from Proxy Server 3.6 to 4.0. |

Table B–25 (Cont.) Issues Resolved in Proxy Server 4.0.3

| Issue ID | Summary |
|-----------------|---|
| 6300615 | The meta tag is missing in localized core messages. |
| 6301140 | Migration creates invalid cache entries when migrating an instance of Proxy Server that has the cache disabled. |
| 6303619 | An ACL with a database that is registered with a name other than <code>default</code> does not work properly. |
| 6304354 | The "Do Not Log Client Accesses From" option creates an invalid configuration. |
| 6311548 | Proxy Server 4.0 uses <code>pauth-user</code> instead of <code>auth-user</code> for Access Log. |
| 6312044 | In the Proxy Server 4.0 administration interface, the Monitor Current Activity page under the Server Status tab is not updated for DNS, Keep-Alive, and Cache Statistics. |
| 6313910 | On Windows, the Rewrite Headername feature fails and displays the message "Internal server error occurred". |
| 6313959 | In the Proxy Server 4.0.2 <i>Administration Guide</i> , in Chapter 12, the section "To configure the file cache" provides the wrong description for Step 1. The correct description is, "From the Server Manager, click the Caching tab". |
| 6313960 | In the Proxy Server 4.0.2 <i>Administration Guide</i> , in Chapter 12, the section "To create a batch update" includes Step 10 that refers to a "Timing section". This step is an error. The Set Cache Batch Updates page does not have a Timing section. |
| 6316289 | In the Proxy Server 4.0.2 <i>Administration Guide</i> , in Chapter 12, the section "Building the Cache Directory Structure" includes an example that refers to Figure 12-1 instead of 12-2. |
| 6325537 | Not able to change <code>RqThrottle</code> value through the administration interface. |
| 6325616 | Scheduled (explicit) Garbage Collection does not clear cache. |
| 6328678 | Cannot set ICP timeout value to less than 400 milliseconds through the administration interface. |
| 6334854 | Inconsistency between documentation for Proxy Server and <code>sun-web-proxy-server_4_0.dtd</code> . |
| 6337102 | Proxy Server fails with <code>DNS fn = "dns-config" local-domain-levels = "8"</code> |
| 6338719 | Patch upgrade of Proxy Server on Linux AS 3.0 installs in a different location. |
| 6338875 | Proxy Server 4.0.1 FTP Client fails to process symbolic links correctly. |
| 6350957 | In the Proxy Server 4.0.2 <i>Administration Guide</i> , in Chapter 5, the section "Enabling Security for Listen Sockets" does not mention that security can only be enabled in reverse proxy mode and not in forward proxy mode. Also, in Chapter 8, the section "Specifying Users and Groups" does not mention that security can only be enabled in reverse proxy mode and not in forward proxy mode. |
| 6365433 | Unable to create Proxy Server instance when the Automatic Start option is selected in the Proxy Server administration interface. |
| 6367375 | Mapping with CONNECT doesn't work when there is a parent proxy. |
| 6369095 | Memory leak in Proxy Server 4.0. |
| 6371084 | Requesting SSL site does not work in chained proxy environment when using IP address of the Web Server. |
| 6371618 | Cannot change Compression Level to <code>NONE</code> . |
| 6371731 | No <code>"connect://.*:563"</code> in the default resource. |
| 6371793 | <code>pkginfo</code> displays <code>\$distro</code> for <code>SUNWiproxy-110n</code> . |

Table B–25 (Cont.) Issues Resolved in Proxy Server 4.0.3

| Issue ID | Summary |
|-----------------|--|
| 6373101 | Administration Server creates invalid parameter for <code>ssl-client-config</code> . |
| 6373622 | <code>cache-disable SAF</code> is not documented. |
| 6374279 | Response to <code>webdav OPTIONS</code> method not according to RFC2518. |
| 6376065 | <code>max-uncheck</code> function does not work as expected. |
| 6376153 | Proxy Server 4.0.2 does not update cache for <code>ftp/gopher</code> protocols. |
| 6381373 | Proxy Server fails during run after restart if the cache is already warmed. |
| 6381419 | The value in the <code>cache-last-checked</code> header is invalid. |
| 6381424 | Warning header should contain the <code>host:port</code> value of the agent adding this header. |
| 6382729 | Proxy Server does not accept <code>utf-8</code> encoded parameters. |
| 6383301 | Proxy Server 4.0 has a problem in channel pooling. |
| 6383456 | Proxy Server 4.0.2 uses high CPU in Linux. |
| 6384616 | Proxy Server 4.0.3 online help has typographic errors. |
| 6385902 | The format in Set Access Log Preferences does not match the default format. |
| 6387772 | Changes in online help, due to bugs (6325537, 6303619) fixed, need to be localized. |
| 6387901 | In the Proxy Server 4.0.2 <i>Administration Guide</i> , in Chapter 11, the section "Chaining Proxy Servers" is not clear. |
| 6388156 | The headers of cached files can get corrupted. |
| 6390237 | Proxy Server passes incorrect <code>content-length</code> if the response contains double <code>content-length</code> headers. |
| 6392875 | <code>regex-map</code> does not work for connection. |
| 6393573 | Proxy Server 4.0.2 fails when DNS <code>fn="dns-config" local-domain-levels="1"</code> |
| 6394287 | SOCKS process polls too often, which leads to <code>socks</code> process taking up as much as 50% of CPU. |
| 6395473 | High CPU utilization problem in Proxy Server 4.0 while handling "slow" clients. |
| 6395889 | Windows Server Update Service (WSUS) does not work using Proxy Server 4.0.2. |
| 6400981 | <code>SOCKS5_TIMEOUT</code> value set in <code>socks5.conf</code> is ignored. |
| 6402698 | High CPU utilization in FTP client. |
| 6418214 | Issues with Proxy Server 4.0 garbage collection feature. |
| 6424527 | Proxy Server fails while processing a request containing an empty <code>cache-control</code> header. |

B.26 Issues Resolved in 4.0.2

Table B–26 lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.2

Table B–26 Issues Resolved in Proxy Server 4.0.2

| Issue ID | Summary |
|-----------------|---|
| 5097664 | <code>ssl-tunnel-timeout</code> parameter does not work on Windows. |
| 6225025 | <code>ftp-listing-width</code> parameter does not work correctly. |
| 6251805 | Changes to archive logs results in a failure. |

Table B–26 (Cont.) Issues Resolved in Proxy Server 4.0.2

| Issue ID | Summary |
|-----------------|---|
| 6262277 | Changing the minimum timeout value for ICP from 400 to 50. |
| 6292690 | In Proxy Server 4, while using IE 6.0 to access the administration interface, cannot select the original partition using Manage Sections>Partition. |
| 6292786 | Proxy Server does not write transfer time (and other times) to access log. |
| 6308714 | Proxy Server fails to start if umask is not set to 022. |
| 6310909 | In Proxy Server 4.0.1 point product, version string of the product name was over translated for French locale from 2005Q3 to 2005T3. |
| 6310910 | In Proxy Server 4.0.1 point product, many missing apostrophes in installer messages on French locale. |
| 6310944 | In Proxy Server 4.0.1 point product, CLI installer fails to display the license. |
| 6310961 | In Proxy Server 4.0.1 point product, the "Yes" in the license installer screen on Spanish locale is not localized. |
| 6312723 | Cannot access SSL sites with IP address while using Proxy Server 4.0. |
| 6313981 | In Proxy Server 4.0, not able to change the value of Rewrite Content Location and Rewrite Headername after creating a new Reverse Mapping using the administration interface. |
| 6315817 | Multiple simultaneous CONNECT (SSL Tunneling) requests cause thread starvation. |
| 6330348 | High memory usage by Proxy Server process in Solaris 10 during stress run. |
| 6333995 | Memory leak while running stress tests for CONNECT. |
| 6335919 | Proxy Server FTP client does not close a connection when the FTP server has closed. |
| 6335922 | Proxy Server FTP client does not send USER request to FTP server. |
| 6336550 | Error when trying to install Proxy Server 4.0.1 into a directory that contains a Proxy Server 4.0 installation. |

B.27 Issues Resolved in 4.0.1

[Table B–27](#) lists the issues resolved in Oracle iPlanet Web Proxy Server 4.0.1.

Table B–27 Issues Resolved in Proxy Server 4.0.1

| Issue ID | Summary |
|-----------------|---|
| 2126143 | The same regular expression does not work in URL Filters, but works in Access Control and Routing. |
| 2126380 | Memory leak in the ICP process of Proxy Server. |
| 6231283 | The Administration Server on Linux Red Hat Advanced Server 3.0, fails to start. |
| 6237346 | The flexanlg utility dumps core while generating a log analysis report using the Extended2 log file format. |
| 6240767 | The add/edit listen sockets for the Administration Server and the Proxy Server instance do not verify for used ports. |
| 6242627 | Localized core messages are not getting displayed. |
| 6243369 | Entry of multibyte characters in the pages related to SOCKS needs to be prevented. |
| 6244103 | Internal server error is displayed when the Set Connectivity Mode page of the Proxy Server instances is accessed on a Linux Advanced Server 3.0, Korean locale. |

Table B–27 (Cont.) Issues Resolved in Proxy Server 4.0.1

| Issue ID | Summary |
|-----------------|---|
| 6245408 | An internal error is displayed when a newly added partition is accessed if the administration user and the proxy instance user are different. |
| 6249166 | Inconsistency in the display of the Control Cluster, Modify Server, and Remove Server pages in the Cluster tab when the host name in the URL is replaced with localhost while accessing Proxy Server. |
| 6253014 | Failure occurs in the <code>init-proxy</code> SAF when there are more than nine NameTrans directives in the <code>obj.conf</code> file on Linux Red Hat Advanced Server 3.0. |
| 6254508 | The batch update command exits with a segmentation fault. |
| 6255214 | Cannot edit or remove an entry in the content URL rewriting page consisting of multibyte characters. |
| 6255216 | Some LDAP entries in the <code>socks5.conf</code> lead to <code>socksd</code> failure. |
| 6259314 | Some of the localized online help pages are not synchronized with the English online help pages. |
| 6261440 | Duplicate English online help exists in the installation directory. |
| 6263694 | Online help is unavailable for the Add and Replace Compromised Key List and Certificate Revocation List pages. |
| 6263721 | The wrong help page is displayed for the Add/Replace Cert pages in the Server Manager. |
| 6274186 | Unable to delete a server instance. |
| 6276398 | Remove the localized online help from the base workspace. |
| 6285078 | Entry for authentication failure of SOCKS request missing from log files. |
| 6285779 | Unable to start the Proxy Server instance if the <code>serverID</code> has a white space. |
| 6285788 | SOCKS server failure when authentication is used. |
| 6289242 | HTTP smuggling in Proxy Server 4.0. |
| 6293449 | Proxy Server 4.0 does not close the connection immediately with the <code>CONNECT</code> method. |
| 6295622 | The function <code>ConnAddress</code> is not realized or documented in Proxy Server 4.0. |
| 6296169 | The header <code>Cache-last-checked</code> is broken in Proxy Server 4.0 installed on other locales. |
| 6296225 | The Proxy Server instance may intermittently fail when DNS caching is enabled. |
| 6301786 | Localized Core Message not getting displayed on Solaris 9 x86, Linux AS 3.0. |
| 6311463 | On the proxy process, the number of open file descriptors keeps increasing with time, resulting in the proxy running out of file descriptors and dropping connections. |