



FlexNet Publisher 2015 (11.13.0.1) Service Pack 1 Release Notes

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Overview

This service pack is intended to correct only the problems that are described in the release notes and only applies to the supported platforms indicated below.

Resolved Issues in FlexNet Publisher (11.13.0.1) Service Pack 1

General Issues

Performance improvement in checkout time with Java client

Earlier Java client applications would experience a performance degradation in checkout when the FEATURE line exceeds 147 bytes. This has now been resolved. (FNP-10458)

Resolved Issue with PIC libraries

Previously the SPARC 32-bit PIC (Position Independent Code) library variants were not compiled to be PIC, this has been now resolved. (FNP-10508)

lc_hostid(VM_GENID) issue when called from vendor daemon callback

Earlier lc_hostid(lm_job, VM_GENID, bufGenID) when called in lc_user_init1/2/3, GenerationID in vendor daemon callback returned cached GENID instead of new GENID when a revert-to-live snapshot is performed. However, this issue is now resolved and the new GENID is extracted. (FNP-10459)

An unsupported message occurred after updating licenses

FlexNet Publishers occasionally experienced license re-checkout problem after server restart. Instead of server checkout of license, it reported an UNSUPPORTED error and never re-checkout the license. On the client side, it continues to reconnect until all heartbeat retries were done and exited.

This issue occurred in the following scenarios:

1. A new license was added to the server and causing the license sort order and pooling changed.
2. When the client uses checkout filter (For example: LM_A_CHECKOUTFILTER or LM_A_CHECKOUTFILTER_EX).

This issue is now resolved. (FNP-10470)

lc_get_attr (VM_FAMILY)

In 11.13.0, we added two new attributes to lc_get_attr: LM_A_VM_FAMILY and LM_A_VM_NAME. LM_VM_A_NAME is reserved for future use in 11.13.0. In 11.13.0, LM_VM_A_FAMILY returns "VMWARE" for both VMware ESXi and VMware Workstation.

In 11.13.0.1, the values are as follows:

VMware Hypervisor	LM_A_VM_FAMILY	LM_A_VM_NAME
ESXi 5.x	VMWARE	SERVER
Workstation 10 or 11	VMWARE	DESKTOP
Player (latest version)	VMWARE	DESKTOP

In both Linux and Windows guests of supported VMware hypervisors:

- `lsmvminfo -l long` returns the Family and Name values as indicated above
- `appactutil -virtual -long` displays Family and Name values as indicated above
- Activation V2 requests contains Family and Name values as indicated above (in the pre-existing <Virtualization> section)

(FNP-10460)

Queuing Issues

lc_status API returns an incorrect status

Previously, when more than one queued feature is available at the same time, `lc_status` API returns an incorrect status of `LM_NOFEATURE` in the following scenarios:

- The queued feature is still in queue
- The queued feature is available

This issue has now been resolved. (FNP-10469)

Client with queued request enters reconnection state when queued request is granted

This error manifests intermittently and rarely since it depends upon timing of message arrival on the client. The scenario where this error may manifest is in the context of queuing and client heartbeat. Assume the FlexNet client does a checkout of feature A and the checkout request for feature B is queued in license server. When the license grant response from license server is read (`lc_status`) for feature B and if heartbeat response also arrives at the same time, then there might be a chance that this heartbeat message gets lost on client before it was read. As a result, the client enters into reconnection mode. It should be noted that this issue has existed in the product for several releases. (FNP-10469)

Dongle Issues

FlexNetID9 version upgrade

The Safenet dongle driver version is now upgraded with the following:

- Windows and Mac(v6.65)
- Linux(v2.5.1).

(FNP-10457)

Imadmin Issues

Apache upgrade

Upgraded Apache version to 2.2.29. (FNP-10462)

OpenSSL upgrade

All FlexNet Publisher components that use OpenSSL were upgraded to version 1.0.1j for 11.13.0.1 release. (FNP-10463)

SSLv3 is not supported in Imadmin

SSLv3 protocol support has now been removed from Imadmin due to POODLE SSLv3 vulnerability. (FNP-10287)

Displaying critical alert message

On non-Windows platforms, if the vendor daemon could not start successfully, now a critical alert "Vendor daemon could not be started" is generated. (FNP-10464)

Resolved change password dialogue issue

The "Save" button in "Change Password" dialogue in License Administration console is now easily accessible on all browsers. (FNP-10465)

Resolved Lower-case text cutoff

Earlier when viewing the "Change Password" dialogue boxes, lower-case characters (including 'y', 'p', 'q', 'g' and so on) were getting truncated below the baseline. This issue is now resolved. (FNP-10469)

Known Issues in FlexNet Publisher (11.13.0.1) Service Pack 1

LM_A_LICENSE_DEFAULT instability

In 11.13.0, a bug was introduced where setting LM_A_LICENSE_DEFAULT to the empty string on a machine where the license path has not been set before can cause a crash or memory corruption.

As a workaround, if setting this attribute, is to not set to the empty string.

```
lc_set_attr(lm_job, LM_A_LICENSE_DEFAULT, (LM_A_VAL_TYPE) ""); // can cause crash  
lc_set_attr(lm_job, LM_A_LICENSE_DEFAULT, (LM_A_VAL_TYPE) " "); // OK
```

(FNP-10429)

lmadmin installer Java issue

When installing lmadmin on Mac OS X 10.10 machine, lmadmin Installer might show an error message "no Compatible Java 1.5* is available" even if JRE 1.8 is already installed.

As a workaround it is recommended to install JRE 1.7 version on the Mac OS X 10.10 machine.

(FNP-10090)

Supported Platforms

This service pack release supports: i86_n3, x64_n6, i86_lsb, x64_lsb, universal_mac10, universal_mac10_applelibc, i86_lsb, x64_lsb, sun4_u9 and sun64_u9, and the Java kit for SP1. For more details, see 11.13.0 Tier 1 release notes. Refer to url: <http://www.flexerasoftware.com/support/eol/flexnet-publisher-end-of-life.htm> for the latest information on supported platforms.