

# What's New in the LISTSERV® Version 16.0-2011a Level Set

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## THE 2011a LEVEL SET

The LISTSERV 16.0-2011a level set includes all known fixes and patches and between-release enhancements up to 8 November 2011. There are a number of bug fixes and enhancements in LISTSERV itself, and there are also changes and fixes to the WA CGI for the web interface and to the default web templates (default.wwwtpl) to support the WA changes.

Because very few of these changes affected the z/VM version of LISTSERV, a 2011a kit was not built for z/VM. There is also no new kit available for OpenVMS at this time. If you are running LISTSERV under OpenVMS and would like to have the level-set release, please contact support@lsoft.com .

**IMPORTANT: End of life for F-Secure Anti-Virus versions 4.x, 5.x, 7.x, and 8.x on December 31! FSAV 9.x requires level set.**

**IMPORTANT: End of life for F-Secure Linux Security version 7.x on December 31! FSLs 9.x requires level set.**

**PLEASE SEE BELOW FOR DETAILS.**

**IMPORTANT: LISTSERV 16.0 requires a valid version 16.0 LAK!**

**This Level Set also requires valid Maintenance expiring on 4 Nov 2011 or later!**

You must obtain and install a LISTSERV version 16.0 product LAK and (for sites with perpetual licensing) an appropriate maintenance LAK, or LISTSERV will not start after the upgrade.

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## Important: F-Secure Anti-Virus Support

LISTSERV Classic and LISTSERV Classic HPO sites running F-Secure Anti-Virus or F-Secure Linux Security should note carefully the following:

### ***FSAV 4.x, 5.x, and 7.x End of Life***

**L-Soft can no longer guarantee an uninterrupted virus signature update path for older versions of FSAV (7.x and older), which have been at end-of-life for more than a year.** We therefore *strongly recommend* that sites running LISTSERV versions prior to 15.0 should upgrade to the latest supported version of LISTSERV (currently 16.0-2011a), so that they can also install the latest version of FSAV.

### ***FSAV 8.x and FSLs 7.x End of Life***

**F-Secure has recently announced that FSAV 8 for Windows and FSLs 7 for Linux have reached End of Life.** This means that there will be no further updates for either package, meaning that LISTSERV sites depending on them should strongly consider upgrading to the latest supported version.

### ***F-Secure Anti-Virus 9.x and Linux Security 9.x Support***

These versions of F-Secure's products are certified for use with LISTSERV 15.0 and following. However, **L-Soft STRONGLY RECOMMENDS that these products be used only with LISTSERV 16.0-2011a and following.** This is due to an incompatibility introduced in the 9.x versions of the F-Secure products. The incompatibility may result in occasional spurious reports from LISTSERV of out-of-date anti-virus signatures. ***We have taken account of this incompatibility in LISTSERV version 16.0-2011a.*** To ensure that you have at least LISTSERV version 16.0-2011a, issue a SHOW LICENSE to your LISTSERV server. The build date reported should be 8 Nov 2011 or later.

Integration documentation and information about where to download the version 9 F-Secure files can be found at <http://www.isoft.com/resources/manuals-download.asp?id=301&format=PDF> .

## LISTSERV 16.0-2011a Level Set Changes for LISTSERV

Since the original release of LISTSERV 16.0 in December 2009, the following improvements and bug fixes have been made.

- The documented "Loopcheck=NoBody" option has been restored.
- "Attachments= No,Filter" now works as documented.
- A bug causing an anonymous subscription to sometimes request a name was corrected.
- REVIEW BY TOPIC now works properly when a null topic is encountered.
- Empty lines were sometimes dropped in Maestro jobs.
- &\*TICKET\_URL is now encoded by LISTSERV when generated.
- SUBSCRIBE and ADD commands for users on the spam exclusion list are now rejected.
- X-tags are no longer included in DKIM signatures.

- Minor problems involving the CHANGE command were corrected.
- Support was added for RSS categories and tags. In addition, LISTSERV now stops RSS abstracts when it finds a large character run.
- Performance improvements were made for servers with many lists.
- Performance improvements were made for archive searching.

### ***Improvement: Misc-Options= DROP\_BAD\_MAIL\_ORIGIN***

The DROP\_BAD\_MAIL\_ORIGIN option can be set to reject mail messages that have (in most cases) a malformed RFC822 mail header, for instance, no 'From:', or three different 'From:', etc.

In general such messages are spam, and it may be appropriate to reject them at the list level by setting this option in the list header (or site-wide, by setting it in DEFAULT\_MISC\_OPTIONS).

Note that setting this option on a site-wide basis cannot be overridden at the list level.

### **LISTSERV 16.0-2011a Level Set Changes for WA**

The following improvements and bug fixes have been applied to the WA CGI executable since WA version 2.4.1 r3904. The current version at level-set release is WA 2.4.1 r4239.

- Encapsulation in RSS/ATOM feeds could be incorrect if the message contained invalid UTF-8 strings.
- List owners could not access list activity reports.
- The .CS variable is no longer set in templates whose titles start with an asterisk.
- Attachments are no longer deleted after test-sending a newsletter (T1 section).
- If \_charset\_ is missing, default to UTF-8. This is generally an issue with IE 7 only.
- Escape html in text/plain part view.
- Passwords containing spaces are now properly handled.
- The sort link for listnames in the Subscriber's Corner has been restored.
- Under certain circumstances, the list of lists made available under "Subscriber Management" could be populated with "1 (unlisted)" and nothing else. This has been fixed. Also required a template adjustment.
- Logo uploads for newsletters are now tested for non-images and viruses.
- The server port is now included in RSS feed URLs.
- Fixed an occasional "disappearing lists" problem in the Subscribers' Corner.
- Fixed an infinite loop when decoding malformed ISO-2022-CN text that could potentially lead to a denial of service.

- Default preferences have been implemented.
- Fixed a year rollover bug in RSS with yearly archives.
- List creation could cause a crash.
- The search loop timeout can now be configured via a SKIN variable
- Search results are now cached, leading to a big search performance improvement when result sets are very large.
- The LDAP\_PW\_BIND system variable can now be configured via the web interface.
- Other minor fixes and improvements.

## LISTSERV 16.0-2011a Level Set Changes for Web Templates

### *Improvements*

- The default preferences have been streamlined and can be changed for the site as a whole or on a list-by-list basis through a new DEFAULTS template.
- A new SEARCHLOOPTIMEOUT variable in the SKIN template sets the maximum time an archive search is allowed to take before being aborted. This prevents overly broad searches from locking up the web interface.
- Explicit RSS abstracts are now processed internally and are no longer included as a text attachment in the distributed email.

### *Fixes*

- For security reasons, uploaded logos for the newsletter profile are now restricted to GIF, JPG and PNG format only.
- The ticket-based unsubscribe URL in the bottom banner is now explicitly excluded under LISTSERV Lite or if Mail-Merge is not enabled.
- The LDAP\_PW\_BIND configuration variable can now be set per-connection and not just for the default connection.
- The message wrapping in the archives has been fixed for new versions of IE when using the monospaced font.
- The suggested archive path has been improved for Unix systems when creating new lists.
- \*DIGEST-H\* and \*INDEX-H\* are again editable through the web interface.

## Applying LISTSERV 16.0-2011a

**IMPORTANT: Install (or ensure that it is installed) your LISTSERV 16.0 product LAK before upgrading!** A valid product LAK (License Activation Key) with "REL=16.0" must be installed before upgrading or LISTSERV will not start after the upgrade. Also, **a valid maintenance LAK expiring no earlier than 8 Nov 2011 is required** in order to apply this level set release.

If you have not received a LISTSERV 16.0 product LAK, please contact your sales representative or SALES@LSOFT.COM before upgrading!

To find out if you can upgrade to LISTSERV 16.0 with your current license key, please issue a SHOW LICENSE command to LISTSERV and examine the response. It will be similar to this:

```
License type:      Permanent
Expiration date:  None - perpetual license
Maintenance until: 26 Nov 2012, serial number MNT-XYZ-1
Capacity:        Unlimited
Version:         16.0
Serial number:   XYZ-1
Build date:     28 Oct 2011
```

Your license key will be valid for the 16.0 upgrade if your current product LAK is for version **16.0 or higher**, and your maintenance LAK is valid **until at least 8 Nov 2011**.

Sites running LISTSERV 14.4 or later may use the LAK input tool in the Web Administration interface to apply and check their new LAK before upgrading.

The installation kits found on L-Soft's web site can be used either to install a new copy of LISTSERV or to upgrade an existing installation. To download LISTSERV 16.0-2011a, simply go to L-Soft's Web site and download an evaluation copy of LISTSERV or LISTSERV Lite, then follow the installation instructions for your operating system. The kits can be found at:

<http://www.lsoft.com/download/listserv.asp>

<http://www.lsoft.com/download/listservlite.asp>

## SPECIAL NOTES

1. This document does not include upgrade instructions. Please see the installation guide specific to your OS platform for upgrade instructions. Installation guides are available at <http://www.lsoft.com/resources/manuals.asp#2>.
2. There is currently not a 16.0-2011a kit for z/VM. Very few of the changes from the original release to the level-set release affected these sites.
3. There is also no new kit available for OpenVMS at this time. If you are running LISTSERV under OpenVMS and would like to have the level-set release, please contact support@lsoft.com.
4. LISTSERV version 16.0 is available only for operating systems currently supported by L-Soft. L-Soft no longer has development systems for unsupported operating systems and is not in a position to compile LISTSERV 16.0 for those systems.

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