

Valid for

SuperLumin v4.1
and up

OS

SUSE Linux
Enterprise
Server (SLES)
12 SP2
(X86_64) and up

The latest SuperLumin NitroCast (4.1.0-7285) release is now available. Customers and partners are encouraged to upgrade existing servers immediately. The new release is based on SUSE Linux Enterprise Server (SLES) 12 SP2. A reimage is required when upgrading from previous Nemesis versions. A new license is also needed when upgrading from previous Nemesis versions. Migration scripts are available to move configurations from earlier Nemesis versions to the new NitroCast 4.1 version.

Please refer to Release Notes for SuperLumin NitroCast 4.0 for other major changes from Nemesis.

New Features:

- SLES 12 SP2 OS.
- Integrated Forward and Secure Reverse services. Secure requests made to a Forward Proxy service can be redirected to one or more Secure Reverse Proxy services. This allows acceleration of many secure (HTTPS) websites with a single IP address.
- Enhanced iptables rules for transparent caching in support of SLES 12 SP2.
- Added support for IP Spoofing in Forward Proxy services.
- Enhanced certificate management used by Secure Reverse Proxy services.
- Added DNS Server configuration in slash (SuperLumin Advanced Shell)
- New SuperLumin modules for the Activia CM 4.2 to manage NitroCast 4.1 cache servers, now using HTTPS.
- Enhanced auto registration of NitroCast 4.1 cache servers for Activia CM 4.2.
- Added form-based authentication to the SuperLumin downloader.
- Added the option to skip performing DNS lookups and use the destination IP on requests to a Transparent Proxy.
- Added the option to use the client's original proxy server destination address when transparently intercepting Forward Proxy traffic.

Bug Fix List:

- Calls to init.d services were changed to use systemctl.
- Changes to GUI passwords made with slash were failing.
- Fixed certificate management scripts.
- Removed outdated SSL method options and insecure ciphers.
- Activia CM agent fix for applying configuration changes.

You can download the ISO at <http://sln.superlumin.com/nitrocast/release/software/4.x/>. Please verify your download against the MD5SUMS file at the release location. The current CHANGELOG file is also posted there. You can download the NitroCast 4.1 Technical Brief at http://superlumin.com/page_software.html.

For any questions or concerns, please email support@superlumin.com or sales@superlumin.com, or call 801.523.9392 x224.

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