

Valid for

SuperLumin v4.2
and up

OS

SUSE Linux
Enterprise 12
Server SP2
(X86_64) and up

Features

- Latest OS and security updates
 - The latest SUSE Linux Enterprise Server (SLES) 12 SP2.
 - Latest security patches and updates were installed, providing additional protections.
 - Removed outdated SSL method options and insecure ciphers.
- New enhancement to integrate Forward and Secure Reverse services.
 - Secure requests made to a Forward Proxy service can be redirected to one or more Secure Reverse Proxy services.
 - Previous release required a separate IP address dedicated for accelerating each secure domain.
 - This feature allows acceleration of many secure (HTTPS) websites with a single IP address.
 - Automatically fixing the domain and/or website specific certificate common names.
- Enhanced secure reverse wizard used to create secure reverse services for specific website or domain.
- Enhanced YouTube services creation wizard.
 - Added additional secure reverse services for YouTube.
- Added support for WebSocket protocol.
- Added acceleration of Office 365.
- Enhanced WCCP.
 - Added alerts for SNMP compliance.
 - Implemented WCCP service group dependency.
- Enhanced certificate management used by Secure Reverse Proxy services.
 - Enhanced scripts for creating self-signed certificates to be used by both the management GUI and slash (SuperLumin Advanced Shell).
 - An in-use certificate can no longer be removed.
 - Using IP:port combination for certificate association with a Reverse Proxy service.
 - Changes to the Certificate Authority (CA) causes the existing certificates to be resigned by the new CA.
 - Added new script to clean up issues with existing certificates.
- Added a new script (sln-chkcfg) to generate a report for the status of the configured services.
- Downloader enhancements
 - Added SAML authentication to the SuperLumin downloader.
 - Support bandwidth limiting.
 - Simplified configuration by removing the need for a Forward Proxy.
 - Supports specifying caching rules per content list.
 - Added tracking of dead links and redirects in a manifest file.
- Hierarchy enhancements
 - Support secure content retrieval through hierarchy.

©2018 SuperLumin. All Rights Reserved. Rev 5/30.

- ActiVia CM 4.2 Support
 - New SuperLumin modules for the ActiVia 4.2 to manage NitroCast 4.2 cache servers, now using HTTPS.
 - Enhanced ActiVia CM agent for applying configuration changes.
 - Enhanced auto registration of NitroCast 4.2 cache servers for ActiVia CM 4.2.

Technical notes

- The 4.x released software can be downloaded from:
 - <http://sln.superlumin.com/nitrocast/release/software/4.x/>
- The latest released version currently is 4.2.0-8063

Support

- For any questions or concerns, please email support@superlumin.com or sales@superlumin.com, or call 937.220.9811 or 877.857.0477.