

## *Net LineDancer Update Notice*

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Update 14.06 Rev.20151007.1420

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- Added support for sending SNMP traps when a job fails.
- Added support to deep link directly to each page of the devices detail view.
- Added support for Cisco Service Control Engine.
- Added support for backing up Cisco ASAs that require the "login" command.
- Fixed privilege escalation vulnerabilities.
- Disabled various insecure SSL ciphers.
- Fixed issue backing up Cisco Nexus devices with locked configurations.
- Fixed backup failures for certain HP/H3C Comware version 7 switches.
- Improved discovery adapter matching for Fortigate.
- Improved scheduling of usage report.
- Fixed error when importing device from spreadsheet that contains duplicate devices.
- Fixed backup failures for Cisco IOS devices with #s in the banner.
- Fixed device type identification for Juniper QFX switches.
- Improved hardware and VLAN parsing for Alaxala devices.
- Fixed error when running compliance policy report.

Update 14.06 Rev. 20150907.1102

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- Added support for adding custom login page branding.
- Fixed backup failures for certain HP ProCurve switches.
- Fixed issue preventing compliance rule sets from being edited when policies were enabled.
- Fixed issue where compliance policy device counts were sometimes wrong.
- Fixed issue where neighbor collection failed for certain Cisco Nexus devices.
- Fixed issue that sometimes prevented the UI from loading on IE11.
- Fixed security vulnerability that allowed access to any managed network through the API.
- Fixed superfluous scrollbars in HTML configuration viewer.

Update 14.06 Rev. 20150824.1454

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- Added new Compliance Policy Report.
- Added new Managed Network Usage Report.
- Fixed software version parsing on certain Cisco ASR devices.
- Fixed issue where user specified timeout was ignored in SmartChange.
- Fixed issue logging into Allied Telesis 8724SL devices when a hostname is configured.
- Added support for backing up FortiGate devices with read-only access.
- Added additional diagnostic information for testing external authentication configuration.

Update 14.06 Rev. 20150730.1533

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Add support for Arista switches.

Added new Compliance Violation Report.

Fixed issue backing up certain F5 BigIP devices.

Improved PnP configuration import to support any column order.

Improved support for CheckPoint firewalls.

Fixed issues with terminal control characters in tool output for Fujitsu SRS devices.

Fixed issue where superfluous changes were shown for Alaxala configurations.

Fixed terminal proxy login when using Tera-Term 4.87.

Fixed backup failures for certain Cisco Firewall Switch Modules.

Added support for backing up Yamaha devices that use RADIUS authentication.

Added support for neighbor data collection on Cisco Nexus devices.

Fixed issue where job histories weren't deleted when a network was deleted.

Fixed issue where credential weren't deleted when a credential configuration was deleted.

Fixed issue where Fujitsu draft configurations would contain extra newlines.

Added support for connecting to the terminal proxy from a Cisco SSH client.

Fixed backup failure for certain virtual Juniper JunOS devices.

Fixed issue executing password change tool against Riverbed Steelhead devices.

Update 14.06 Rev. 20150528.1842

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Add feature to track the last backup duration for devices.

Add backup and terminal proxy support for RedHat Linux servers.

Added a permission to disallow editing the admin user settings.

Added support for RADIUS authentication.

Add support for new CheckPoint firewalls.

Fixed backup performance issues with F5 BigIP devices.

Improved hardware parsing for Alcatel-Lucent TIMOS devices.

Improved hardware parsing for Brocade NetworkOS devices.

Improved support for Cisco Small Business switches.

Improved hardware parsing for APC SmartUPS device.

Improved parsing for BlueCoat ProxySG.

Fixed backup failures for HP ProCurve switches that don't support TFTP.

Fixed backup failures for certain Alteon devices.

Fixed backup failures for certain PaloAlto devices.

Fixed issue where Riverbed Steelhead backups wouldn't fail properly.

Fixed backup failures for new Extreme Networks XOS switches.

Fixed issue running FTP backups on Smart Bridges.

Update 14.06 Rev. 20150318.1915

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- Added support for Furukawa devices.
- Added support for Cisco Small Business Switches.
- Added support for APC SmartUPS power supplies.
- Added support for Alcatel-Lucent SR OS devices.
- Added support for configuration restore for Fujitsu SRS devices.
- Added the ability to remember discovery boundary networks.
- Added support for collecting Neighbor Data for Brocade FastIron devices.
- Fixed an issue when running IOS OS Push operations against large number of devices.
- Fixed a memory issue when backup F5 BigIP devices.
- Fixed an issue with intermittent SSH backup failures.

Update 14.06 Rev. 20150213.1803

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- Added support for MikroTik RouterOS devices.
- Added support for Pica8 devices
- Added support for ApresiaLight switches.
- Added discovery support for additional Cisco Wireless Controller models.
- Fixed issue where the last page of HP terminal logs could be empty.
- Fixed issue backing up Alaxala switches over SSH when running on Windows.
- Improved storage efficiency of F5 BigIP backup.ucs history.

Update 14.06 Rev. 20150115.1134

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- Prevent hashed passwords on Aruba devices from causing superfluous differences.
- Fixed issue getting the hostname for H3C/HP Comware switches.
- Fixed hardware collection for stacked H3C/HP Comware switches.
- Fixed issue backing up certain Cisco Catalyst switches.

Update 14.06 Rev. 20141222.1732

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- Added support for Fujitsu CFX devices.

Update 14.06 Rev. 20141219.1708

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- Added support for Brocade Network OS switches.
- Added support for Riverbed Steelhead WAN Accelerators.
- Added support for Fujitsu IPCOM devices.
- Fixed issue where syslog wasn't initiating realtime backup.

Update 14.06 Rev. 20141202.1746

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- Fixed issue where TFTP server would shut down for some bad requests.

Update 14.06 Rev. 20141125

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- Improved support for Cisco IOS-XR devices.

Update 14.06 Rev. 20141117

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Added support for new Alcatel-Lucent switches.  
Added support for new H3C/HP Comware switches.

Update 14.06 Rev. 20141029.1408

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Changes in revision 2014/10/29

- \* Fixed SSL 3.0 vulnerability (CVE-2014-3566).
- \* Fixed an issue when opening large terminal logs.
- \* Fixed an issue when opening a terminal from the right-click menu on Chrome.

Update 14.06

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New Features

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- \* Authentication Server (Active Directory) integration.
  - \* Redundancy feature that is available to Linux only.
    - Require a PostgreSQL database.
  - \* Search by IP address in the static credential.

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Changes in revision 2014/10/03

- \* Improved system information collection for Dell PowerConnect devices.

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Changes in revision 2014/09/26

- \* Fixed issue when performing switch port lookup.
- \* Added support for CentOS 7.

Update 13.08 Rev. 20141024.1629

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Changes in revision 2014/10/29

- \* Fixed SSL 3.0 vulnerability (CVE-2014-3566).
- \* Fixed an issue when opening large terminal logs.

Update 13.08 Rev. 20141020.1157

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Changes in revision 2014/10/07

- \* Fixed backup failures for certain Alaxala devices.
- \* Fixed issue with Terminal Proxy freezing when processing large output.

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Changes in revision 2014/09/26

- \*Fixed backup failures for certain Dell PowerConnect switches.
- \*Fixed realtime change detection issue with certain Juniper Netscreen devices.
- \*Fixed issue where disabled system backup would automatically re-enable after service restart.
- \*Fixed issue with SmartChange where empty replacement values could cause execution errors.
- \*Fixed configuration export failure for BigIP devices when the hostname is not populated.

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Changes in revision 2014/08/21

- \*Fixed backup failures for various HP and Cisco device models.
- \*Fixed login failure in terminal proxy for Brocade devices.

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Changes in revision 2014/05/27

- \*Fixed an incorrect OID definition in the NETLD-MIB
- \*Fixed the display of newlines in the changelog
- \*Fixed issue with more than ten simultaneous SSH backups on windows
- \*Fixed permission issue with terminal proxy SSH connections

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Changes in revision 2014/05/09

- \*Improved tool output column sorting to better handle mixed alpha-numeric data.

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Changes in revision 2014/04/18

- \*Fixed an issue where the username associated with a realtime backup would be incorrect.
- \*Fixed VTY password change tool failure for Cisco Security Appliance devices.
- \*Fixed Juniper ScreenOS password change tool to properly change the VTY Password instead of the Enable Password.
- \*Fixed an issue for some HP Procurve devices where backups would fail due to extra terminal control characters.
- \*Added support for disabling syslog port redirection on linux.

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Changes in revision 2014/04/14

- \*Fixed an issue starting the server in Italian Windows.

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Changes in revision 2014/02/24

- \*Removed CLI-only backup from Cisco Security Appliance adapter because such configurations cannot be restored.
- \*Fixed an issue for Cisco Nexus devices where backups might fail due to an unexpected response.

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Changes in revision 2014/01/24

- \*Fixed backup failure for Fortinet Fortigate devices contains a space after their hostname.
- \*Fixed backup failure due to timeout for Juniper ScreenOS devices with very large configurations.

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Changes in revision 2013/12/16

- \*Fixed backup failure for HP Procurve devices that do not require password to login.
- \*Added support for Palo Alto Networks PA-500 Firewall.

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Changes in revision 2013/11/21

- \*Improved hardware information collection for Brocade NetIron devices.
- \*Fixed an issue where non-administrator users could be shown a Cloud license expiration notice.
- \*Fixed login failure for some HP Procurve devices.
- \*Fixed backup failure for certain F5 BigIP devices running OS version 11.

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Changes in revision 2013/10/18

\*Fixed an issue where users restricted to certain networks could not see job history for those networks.

Update 13.08 Rev.20131121

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Problem Resolved

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\*Improved hardware information collection of Brocade NetIron device.

\*Fixed issue where the user who is not an administrator can see the notice of extinction of the Cloud license.

\*Fixed issue where logging into new HP ProCurve would fail.

\*Fixed issue where backing up F5 BIG-IP device of OSv11 would fail.

Update 13.08 Rev. 20131018

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Problem Resolved

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\*Fixed issue where the user who is limited to some network operations cannot see those operations history.

Update 13.08 Rev. 20130904.1221

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New Features

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\* Draft Configurations Feature:

-Support for creating configuration drafts from existing device configurations, or importing from text files.

-Draft configurations can be edited directly and can then be pushed to the device (either running or startup configuration).

-Drafts can also be compared to existing configurations to verify that only the parts you expect to change are affected.

\* Change Advisor Feature:

-This is new feature that is unique in the industry.

-The Change Advisor can work with existing configurations or draft configurations.

\*Tera Term Integration

-Working in concert with the Terminal Proxy feature, which allows automated login to devices and capture of terminal sessions, we have added the ability to simply right-click on a device in the inventory list and open a Tera Term session that jumps directly into the device -- logging in automatically for you.

\* Zero-Touch Feature: option

-We added the ability to create run after the Zero-Touch function, to back up add the inventory automatically.

- \*Add Supported Operating Systems
  - Windows Server 2012
  - Linux Cent OS / later than RedHat 5.x/6.x

Problem Resolved

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Improved user interface

Update 12.03 Rev. 13961

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Problem Resolved

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\*Fixed handling of access denied errors returned by certain Cisco devices using SSH.

Update 12.03 Rev. 13959

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Problem Resolved

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\*Fixed issue in Anritsu adapter where a name mismatch caused backup to be unable to start.

Update 12.03 Rev. 13956

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Problem Resolved

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\*Fixed issue in Cisco IOS adapter where power supply description was inserted as the serial number, causing a database error.

\*Fixed issue in BlueCoat adapter where backup would fail if an unexpected prompt was received.

\*Fixed issue where the Net LineDancer service would restart if the server was overloaded for 30 seconds or longer.

Update 12.03 Rev. 13950

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Problem Resolved

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\*Fixed issue in Apresia adapter where 'terminal length 0' was added to the running-config.

\*Fixed issue where Apresia running-config and flash-config incorrectly showed a difference.

\*Fixed issue where NEC WA1020 adapter would not load correctly.

\*Fixed issue where Command Runner would timeout if the DHCP configuration was changed.

Update 12.03 Rev. 13929

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Problem Resolved

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\*Cisco IOS operating system upload/downloads operations now use FTP.

Update 12.03 Rev. 13926

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Problem Resolved

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\*Added support for NEC WA1020 devices.

\*Fixed timing issue that caused occasional backup failures.

\*Fixed issue where database column was not wide enough to store certain hardware data.

Update 12.03 Rev. 13921

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Problem Resolved

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\*Fixed issue where static credential changes would not properly invalidate the credential cache.

Update 12.03 Rev.13914

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Problem Resolved

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\*Fixed SSH authentication issue that caused backups of Alaxala devices to fail.

Update 12.03 Rev.13913

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Problem Resolved

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\* Improved hardware detail parsing for Cisco 3560 devices.

Update 12.03 Rev.13911

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Problem Resolved

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\* Fixed Help->FAQ menu link.

Update 12.03 Rev.13910

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Problem Resolved

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\* Fixed SSH authentication issue that caused backups of Alaxala devices to fail.

Update 12.03 Rev.13908

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Problem Resolved

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- \* Fixed issue where a device with a deleted configuration file would fail future backups.

Update 12.03 Rev.13901

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Problem Resolved

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- \* Fixed issue where Command Runner or Bulk Change would timeout if the hostname was longer than 20 characters.

Update 12.03 Rev.13787

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Problem Resolved

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- \* Fixed issue where Cisco Nexus devices could not be discovered.
- \* Fixed issue where backup would fail for some devices due to hardware information that was larger than expected.

New Features

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- \* Fortinet Fortigate adapter updated to support additional models and operations.

Update 12.03 Rev.13731

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New Features

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- \* Terminal Proxy Feature:
  - Allows login to the Net LineDancer Server via SSH
  - Automatic login to devices and full session recording of device communication
  - Automatic configuration backup on disconnect from device
- \* Real-time Compliance Check Feature:
  - Detects device configurations that violate a policies or a rules
  - Sends SNMP traps to NMS when a device's violation status has changed
- \* Exposed configuration to set primary IP address of the server
- \* Exposed configuration to enable and disable SNMP traps by type
- \* Improved device module information in hardware reports
- \* Allow configuring SNMP version (v1 or v2) for traps
- \* Allow overriding the timezone used for each schedule
- \* Made the device hostname user-editable
- \* Allow device search by administrative IP address (IP address listed in inventory list)
- \* Allow import of custom fields for device from a spreadsheet
- \* Improved result status display for discovery and backup jobs
- \* Improved job scheduler (cron triggers)
- \* Improved job failure status indication in Job History tab
- \* Show protocols and credential sets used for backup in the device detail

\* Added or improved device adapters:

- Allied Telesis 8700SL Series
- Allied Telesis X Series
- Anritsu PureFlow GS
- Alaxala AXS
- Cisco Nexus
- F5 BigIP