January 15, 2016

HyperIP Release 6.1 is a feature release that provides support for Microsoft's Hyper-V hypervisor installations as well as VMware ESX(i) installations. HyperIP Release 6.1 is a mandatory upgrade for HyperIP Release 6.0.0 and 6.0.1. It is available from Network Executive Software by download, and is available as a no-charge upgrade to HyperIP customers of record.

This release supports installation and operation on Network Executive Software supplied hardware appliances as well as under VMware ESX(i) server systems and Microsoft Hyper-V server systems.

FEATURES/ENHANCEMENTS ADDED WITH HyperIP RELEASE 6.1

1) Include fixes provided by patches for prior releases.
2) Integrated Components for Windows Server 2008 Hyper-V
3) HyperIP for VMware installation via OVA (support for vSphere 4.0/5.0) & Tools upgrade
4) Reduce excessive CPU utilization for bandwidths less than 100Mb/s – additional tuning parameter for higher bandwidth requirements
5) New CLI commands to perform initial configuration
6) Raw TCPdump exports available
7) The layout of the Login web page changed for clarity
8) Improve TCP session detection
9) Improve management of HTTPS certifications
10) Security updates
11) Miscellaneous fixes

MAINTENENACE ITEMS ADDRESSED with HyperIP Release 6.1

Item	Description
851	Changing passwords should require current password
2839	Enhancement to change start / halt remote sites to a scroll box
4454	Tail Commands added for log displays
4570	Add CLI load and delete configuration commands
4871	Use keepalive to identify TCP session hangs
4934	Bring pwok up to date
4935	ngcmd-server needs log/nolog option code

Item	Description
5101	pcnet32 driver always loaded if VM built w/ flexible interface type
5277	Firewall now gets restarted after reboot
5279	Server 2012 - kernel panic - not syncing: Fatal exception in interrupt
5358	Web uploads limited to 325MB
5382	Typos in [helpParms] (of SiteTune / Session Tuning section)
5407	Patch History Log Inaccurate
5413	Convert of Fibre
5437	Needed to "Press any key to continue" after Reboot to get Alcolu HyperIP 6.0.1 to start
5438	Error message from nesiinit boot-serial
5441	Can't Boot from between older versions than 6.0.1 (Related to patch-4464)
5460	Bandwidth Schedule not working for Sunday
5471	Restore missing FTP config auto-save on web page
5494	"Available Patches" info does not reflect patch installation/upload
5495	Patch History Log - date/time after "CREATED:" does not reflect patch creation date/time
5585	System log filled with "Neighbour table overflow" messages
6015	HyperIP issue importing VM to server2012 and 8.1
6041	Lost connectivity with https after reboot
6214	Potential loss of HTTPS access when certs expire
6220	List of log files incorrectly sorted
6608	Cookie stores hipadmin password in the clear
6626	CLI showSiteParms does not verify site exists
6633	TCPdump does not report errors
6634	Patch delete displays two page titles
6654	Web UI status bar updates
6678	CLI saveConfig improve help and error status
6691	Bandwidth Schedule not working for Sunday
6692	Restore missing FTP config auto-save functionality
6693	Incorporate patch for e1000 Detected Tx Unit Hang
6694	Alcolu has eth0 as Fibre after update from 5.5.1
6696	Improve version string to eliminate rebuild for release
6698	HyperIP fails to start with setup_op: bind() error, errno = 98
6709	CLI showSerialPort shows incorrect serial port status

Item	Description
6717	System Configuration HELP - Interface configurations look specific to HW appliance
6718	HyperIP Configuration Page - clarify Gateway Mode Settings
6719	new installation certificates only include default information
6721	Password Change - Help describe "Disable Monitor Password" Function
6724	Warning Interval message needs update to 6.1 pages
6725	Mail Hub only allows IP addresses
6726	Warnings Apply inconsistency
6727	FACTORYDEFAULT inconsistencies for fields with empty/none
6728	SNMP Apply ignores empty values
6729	Increase upload size beyond 325MB
6730	Make Advanced Configuration Help reflect section names
6740	receiveupdatehttps verify certificate failure
6744	can't delete update file (actually a config file)
6747	maintenance page admin checks
6751	Merge left/right frame selection lists
6752	AHS hosts sometimes display as primary and sometimes as noAHS in dropdown menus
6755	CLI showConfig
6756	install image error and leaves /Alt unmounted
6821	deleteconfig without filename returns RC=0, does not delete any files
6824	non-iso/patch file upload larger than 135MB aborts upload script
6825	Navigation panel help should include all items in panel
6826	Set tag value to null when expecting integer attribute causes script error
6827	Invalid login shows no RC
6828	Display file name in upload messages
6829	Convert to Fiber does not update firewall
6830	minimal output from firewall reset command after convert to fiber
6831	Expand info for file lists on maintenance page
6832	Cannot install image after installImage failure
6834	Warn when uploaded file is truncated
6837	Convert to fiber does not change intercept interface
6843	GUI allows hostname set to "" (blank)
6844	default gateway can be set to 0.0.0.0 or 255.255.255.255
6846	Proxies & Intercepts loads HyperIP Configuration on submit

Item	Description
6847	Restart Mgmt does not re-insert static routes
6849	Remove "HyperIP Community Forum" from Welcome and Links Page
6852	Consistent help pages
6854	NTP Config tries to set unknown database tag
6857	Script code in config file allowed to run as root
6859	Improve submit button naming
6863	Cannot log in using password $|`()<>;
6866	remove orphaned site parameters does not work
6869	Enhancements to site configuration pages
6870	No admin check on proxies and intercepts
6883	CLI command summary updates
6891	Restart firewall does not return completed message
6916	Out of Memory Killer Invoked
6925	Correct Security vulnerabilities
6950	REMASTER causes "Master since" time change
6981	Secondary session does not get rate limit applied at restart

OPERATIONAL/PROCEDURAL IMPACT

The following items highlight any operational or procedural issue(s):

1) Any customers running a release earlier that 6.0.1 should contact Netex Support for the upgrade procedure.

2) If you are upgrading from Release 6.0.1, you can download the image and install on the other partition of the hard drive, which is not currently running. Once installed, the new image can be subsequently started by selecting the other partition (and a configuration file) and rebooting the system. Once the new system is running it must be made permanent for it to run on subsequent reboots. No new license key should be required.

   NOTE: Previous HyperIP versions may not have handled passwords with special characters properly. This may cause a situation where the current password will not allow the user to log in with 6.1 software. If your HyperIP password uses special characters, the password should be changed for the purpose of the upgrade to 6.1. Once the update is complete, change the password back to your desired password.

3) Default administrator (hipadmin) password is hipadmin. NetEx strongly recommends changing this password.

4) HyperIP Platform Serial Number is found on the Maintenance Page under Display Product Information and will be required when requesting the license key.

5) Because of current VMware ESX limitations, the documented usage of the USB port is not supported for VMware deployments and you must substitute alternative means for saving/restoring configurations, diagnostic dumps, etc.

DOCUMENTATION UPDATES

Updated product documentation:

  * HyperStart Guide Release 6.1on VMware
  * HyperStart Guide Release 6.1 on Hyper-V
  * HyperIP User Guide Release 6.1

Check for new versions of documentation at www.netex.com by clicking on the 'Support' tab, then selecting 'HyperIP' under 'Products', then clicking on 'Docs' in the entry for this product release.
  * Release Announcement
  * HyperStart Guide on VMware
  * HyperStart Guide on Hyper-V
  * User Guide

RECENT UPDATES

Check for product updates at www.netex.com by clicking on the 'Support' tab, then selecting 'HyperIP' under 'Products', then clicking on 'Updates' in the entry for this product release. If any updates are listed, follow the installation recommendations.

Refer to the HyperIP FAQ's at www.netex.com by clicking on the 'Support' tab, then selecting 'HyperIP' under 'Products', then clicking on 'FAQ' in the entry for this product release. Please refer to all Release Announcements up to and including this one for added features and/or changes to HyperIP which may affect procedures, support, or operations included in this release.

DOWNLOAD PROCEDURE

If you are a customer of record and are currently running HyperIP Release other than 6.0.1, contact support@netex.com to obtain download instructions.

In order to maintain the same license you will need to upgrade from an .iso (CD image file). Be sure to identify your company name in the request, the product being requested (HyperIP), and contact information, including a name and telephone number.

END OF SUPPORT

Consistent with our support policy:
Support for Releases 6.0.1 and earlier ends July 15, 2016.