

# What's new in HP network server adapter software and documentation version 8.10



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## Abstract

This paper describes the major updates and additions to the software and documentation included on the HP network server adapter software and documentation CD version 8. This software supports the HP NC-series Ethernet supported in HP ProLiant servers. The current release is available as a download at <http://hp.com/support>.

## New product support

The key addition to the 8.10 release is support for the HP ProLiant Essentials Intelligent Networking Pack – Linux Edition. The Linux Edition of the Intelligent Networking Pack provides Virus Throttle. Virus Throttle is a unique, cost effective means to continuously monitor network traffic for virus-like activity to block the spread of a virus before it expands to the entire network environment while notifying the administrator that such activity is occurring.

## New software features

In addition to supporting the HP ProLiant Essentials Intelligent Networking Pack – Linux Edition, the 8.10 release also includes the new features described in the following table.

Software Component	New Features
HP Network Configuration Utility for Windows Server 2003, Windows Server 2003 x64 Editions, and Windows 2000	<ul style="list-style-type: none"><li>• Read-only network configuration web interface is accessible through the system management homepage.</li><li>• Utility to create a detailed log of the system configuration for submission to third-level technical support personnel.</li><li>• Status of the active path and fast path states, along with member ID information, and readability enhancements.</li><li>• Support for 802.3ad Dynamic Dual Channel Load Balancing. For additional information, please see the ProLiant network adapter teaming home page at <a href="http://h18004.www1.hp.com/products/servers/networking/teaming.html">http://h18004.www1.hp.com/products/servers/networking/teaming.html</a>. This feature requires a license for the <a href="#">ProLiant Essentials Intelligent Networking Pack - Windows Edition</a></li><li>• Ability to select the primary adapter for transmit load balancing teams.</li></ul>
HP Network Configuration Survey Utility for Windows	<ul style="list-style-type: none"><li>• Utility to create a detailed log of the system configuration for submission to third-level technical support personnel.</li></ul>
HP Network Configuration Survey Utility for Linux	<ul style="list-style-type: none"><li>• Utility to create a detailed log of the system configuration for submission to third-level technical support personnel.</li></ul>

# Server operating system support

Operating System	NC Series Network Adapter Option Kits								
	NC150T	NC310F	NC320T	NC370F, i, T	NC1020	NC6170	NC6770	NC7170	NC7771
<b>Windows</b>									
Windows Server 2003 (S, W, SB, E) <sup>1</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2003 x64 (S, E, D) <sup>2</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2000 Server (S, A, D) <sup>3</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓
Microsoft certified miniport and teaming drivers	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Linux</b>									
Red Hat Enterprise Linux 3, 4 x86, EM64T, AMD64	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUSE Linux Enterprise Server 8, 9 x86, EM64T, AMD64	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Novell</b>									
NetWare 6, 6.5	✓	✓	✓		✓	✓	✓	✓	✓
Open Enterprise Server x86	✓	✓	✓		✓	✓	✓	✓	✓
<b>UNIX</b>									
SCO UnixWare 7.1.3, 7.1.4	✓	✓	✓		✓	✓	✓	✓	✓
SCO OpenServer 5.0.7, 6.0	✓	✓	✓		✓	✓	✓	✓	✓
Sun Solaris 8, 9	✓	✓	✓		✓	✓	✓	✓	✓
<b>Other</b>									
NDIS 2 for DOS unattended install (40K or less in size)	✓	✓	✓		✓	✓	✓	✓	✓

Operating System	NC Series Embedded Network Adapters								
	NC324i	NC325i	NC326i	NC3163	NC7760	NC7761	NC7780	NC7781	NC7782
<b>Windows</b>									
Windows Server 2003 (S, W, SB, E) <sup>1</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2003 x64 (S, E, D) <sup>2</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2000 Server (S, A, D) <sup>3</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓
NT 4.0				✓			✓	✓	
Microsoft certified miniport and teaming drivers	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Linux</b>									
Red Hat Enterprise Linux 3, 4 x86, EM64T, AMD64	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUSE Linux Enterprise Server 8, 9 x86, EM64T, AMD64	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Novell</b>									
NetWare 6, 6.5	✓	✓	✓	✓	✓	✓	✓	✓	✓
Open Enterprise Server x86	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>UNIX</b>									
SCO UnixWare 7.1.3, 7.1.4	✓	✓	✓	✓	✓	✓	✓	✓	✓
SCO OpenServer 5.0.7, 6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sun Solaris 8, 9	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Other</b>									
NDIS 2 for DOS unattended install (40K or less in size)	✓	✓	✓	✓	✓	✓	✓	✓	✓

<sup>1</sup> S=Standard Edition, W=Web Edition, SB=Small Business Edition, E=Enterprise Edition.

<sup>2</sup> S=Standard x64 Edition, E=Enterprise x64 Edition, D=Datacenter x64 Edition.

<sup>3</sup> S=Standard Server, A=Advanced Server, D=Datacenter Server

## Cross reference matrix for drivers and component packages

Windows						
Operating System	NC31xx NICs	NC61xx/71xx /310x NICs	NC10xx/67xx /77xx/ 150x/320x NICs	NC370x NICs	Teaming	Virus Throttle
Windows 2003 Component Pack	cp005498.exe v8.0.21.0 C	cp005499.exe v8.6.11.0 B	cp005567.exe v8.39.0.0 A	cp005475.exe v2.1.3.0 A	cp005319.exe v8.10.0.0 A	cp005557.exe v8.10.0.0 D
Windows Server 2003 x64 Editions	N/A	cp005500.ex v8.6.11.0 C	cp005568.exe v8.39.0.0 A	cp005252.exe v2.0.7.0 A	cp005320.exe v8.10.0.0 A	cp005558.exe v8.10.0.0 D
Windows 2000 Version Component Pack	cp005496.exe v8.0.21.0 C	cp005497.exe v8.6.11.0 B	cp005566.exe v8.39.0.0 A	cp005474.exe v2.1.3.0 A	cp005318.exe v8.10.0.0 A	cp005556.exe v8.10.0.0 D
Linux						
All distributions version	e100-3.4.13a-1 C	e1000-6.1.10b-1 C	bcm5700-8.2.14a-1 C	Bnx2-1.3.19a-1 B	Bonding-1.0.4v-1 C	hp-v1.0.0-9 hp-pel1.0.0.6 A
IEE 802.1Q VLAN	vlan-1.8.0r-14 vlan_init-1.0.1b-1 C					
HP ProLiant Network Configuration Survey Utility for Linux	nicdiag-1.2.1 A					
NetWare						
Novell NetWare 6.5, 6.0, 6 Small Business Server, and 5.1	cp005371.nlm v8.12 C	cp005372.nlm v8.13 C	cp005617.nlm v8.55 A	N/A	cp005645.nlm v2.25 cp005646.nlm v8.16 C	N/A
DOS NDIS 2 support						
HP NC-series Fast Ethernet and Gigabit Ethernet NIC Drivers for DOS NDIS2	SP31038 v8.10 A					

A series of four 'keys' used in the above cross-reference table are defined as:

- A. Update recommended. Example: major new software or hardware (Server or network adapter) enhancements and/or operational defects corrected.
- B. Update suggested. Example: operational defects corrected.
- C. Update available. Example: minor enhancements.
- D. No update from the previous release.

## For more information

Individual software packages and the entire release are available at <http://hp.com/support>.

The download page for each driver contains additional details regarding fixes and enhancements to the software.

For information about ProLiant networking hardware and software, see <http://h18004.www1.hp.com/products/servers/networking/index.html>.

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