

HP-UX 11.0/11i
for hp9000
workstations
and servers



march 2003

HP-UX
software updates



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Important news
you need
to know about

HP-UX discontinuance and obsolescence update

As was previously announced, HP-UX 10.20 was removed from sale on July 1st, 2002. It will reach the end of normal support life on July 1st, 2003.

HP-UX 11.0 (designated with VUF number B.11.00) will reach the end of its sales life and will be removed from the HP Price List on April 1st 2004. After that date HP-UX 11.0 will no longer be available on CD or via Instant Ignition.

After September 2003, the content of the 11.0 Application Release CDs will not change. HP plans to keep the HP-UX 11.0 Application CD kit available until March 31st, 2005 for customers who still need to purchase HP-UX 11.0 versions of HP-UX layered products.

HP-UX 11.0 normal support life will run from April 1st, 2004 until December 31st, 2006.

HP-UX 11i version 1.5 for Itanium servers was removed from sale on January 1st, 2003 and will reach the end of normal support life on March 1st 2003. It is recommended that any customers still



using HP-UX 11i version 1.5 for Itanium should upgrade to HP-UX 11i version 1.6 by March 2003.

For information on upgrade options, please contact your local HP sales representative or authorized reseller. You will find HP-UX discontinuance and obsolescence information at <http://www.hp.com>, search on "HP-UX Disco" or "HP-UX Obso".

Important news
you need
to know about

Instant Support Enterprise Edition

With today's highly diverse IT environments, reducing the complexity of managing IT is critical for achieving cost efficiency and productivity. To help meet this need, HP announces Instant Support Enterprise Edition, a single remote support solution, extending support beyond HP-UX to MS Windows and RedHat Linux operating systems - simplifying customers' multi-OS remote support.


Using a single unified platform can greatly reduce the cost and complexity of IT support for our customers. By providing a single remote support solution for multiple operating systems, ISEE can help eliminate the need for customers to manage multiple support tools across their complex IT environments. Because it spans multiple platforms and products, ISEE can help improve supportability and reduce cost and complexity.

HP Instant Support Enterprise Edition helps customers keep their data center infrastructure up and running. HP ISEE provides real-time hardware event monitoring and notification to identify and prevent potential critical problems with HP-UX, MS Windows, and RedHat Linux servers and connected peripherals and VA 7100/7400/7410 storage devices. Should a problem occur, HP ISEE enables faster restoration of supported



systems and devices, using remote diagnostic scripts and direct remote access by an HP support engineer. Faster problem resolution and reduced system downtime translates into fewer disruptions to your customer's revenue generating activities and business productivity.

HP ISEE's security architecture is designed to provide data integrity and transaction security through industry standard encryption and authentication technology. Industry standard security protocols and best practices are integrated at the physical, network, application, and operational levels, providing a multi-level, layered security structure.



**Important news
you need
to know about**

HP ISEE now supports the following system platforms and devices:

- HP PA-RISC platforms: HP-UX 10.20, 11.0 & 11.11
- IA-32 platforms: NetServers running MS Windows 2000 Server or Advanced Server and NetServers running RedHat Linux 7.1 or 7.2
- VA 7100/7400/7410 storage devices

You may be accustomed to using the current remote support solution, HP Predictive for HP-UX. As a result of ISEE's availability and increased functionality, Predictive is being discontinued on June 30, 2003. The HP-UX Predictive discontinuance includes the following:

- Beginning July 1, 2003, there will be no new installations of HP-UX Predictive.
- HP-UX Predictive support will no longer be available in any format, including on the SupportPlus media and software depot.
- Beginning April 1, 2004, HP-UX Predictive events will no longer be processed.

HP encourages you to begin using ISEE as soon as possible so that you can reap the additional benefits of this new technology. HP ISEE is available in the standard

configuration for customers with same day-4hr. hardware support contract for the supported systems and devices. It is available in the advanced configuration for customers with mission critical or environment support. HP-UX and MS Windows server customers who have a mission critical level support contract (BCS or CSS) will continue to receive remote support through the use of High Availability Observatory (HAO). If you have a mission critical support contract, please contact your HP Account Support.

Engineer to determine the most appropriate remote support solution for your environment. Future releases of HP ISEE will extend this common remote support solution to additional HP products, operating platforms, and support contract levels.

For additional information on HP Instant Support Enterprise Edition and how to download your free ISEE Standard Configuration software, please visit <http://www.hp.com/go/instant-support>. For any ISEE Standard Configuration questions, please contact an HP support engineer at the HP Response Center using the same process you use today. For the ISEE advanced configuration software, please contact your HP Account Support Engineer.

The logo is a rounded orange square with a white arrow pointing to the right. Inside the square, the text "HP-UX 11.0/11i" is written in white, and "Application Release" is written in black below it.

HP-UX 11.0/11i
Application Release

Product summaries for HP-UX Application Release for March 2003

This release provides you with the latest versions of applications for the 11.0 Operating System, and 11.i Operating Environment.

You are entitled to receive one of the above mentioned releases if one or more of your products under support contract has been updated.

If you wish more information about software updates or support matrices for HP-UX application releases, please access the following url:

<http://www.software.hp.com/RELEASES-MEDIA/>

HP OpenView storage Data Protector 5.0

HP OpenView Storage Data Protector is a new generation of data protection software that delivers new levels of recovery in a service-driven management approach.

To protect your business-critical information from any risk of loss, Data Protector provides industry-leading Instant Recovery capabilities, based on mirroring and snapshot technologies, which use disk as a recovery media rather than tape. Utilizing disk-based recovery, Data Protector enables the recovery of terabytes of data in minutes, rather than hours. Data Protector is the only tool that integrates disk-based and tape-based recovery in a single product across multiple applications, operating systems and storage architectures.

Data Protector builds upon the capabilities of its predecessor, HP OpenView Omniback II, and is fully compatible with existing Omniback II tapes, scripts and procedures.

Please note that Data Protector 5.0 needs to be installed separately (with no other applications) from the Application Release CD.

HP-UX 11.0/11i Application Release

T2351AA Pay Per Use

This product is the software that enables a system being leased through HPFS to report CPU usage to HP so your bill can be generated based on their usage data. This version of Pay Per Use features a new measurement of CPU usage by percent utilization. It is also the first version of Pay Per Use to support the Utility Meter. This update applies only to customers who have signed a Pay Per Use leasing agreement with HP that specifies use of the new metric plus utility meter.

This is the first introduction of T2351AA - Pay Per Use on 11.11 for series 800 only. Software bits (SWPN) and user guides will be structured to this product on this HP-UX Application release of March 2003.

This version will support the CPU % utilization metric and HP utility meter.

There will be no updates for B9073AA (iCOD) and T1322AA (PPU).



Product T2351AA - PayPerUse is being introduced on this HP-UX Application Release of March 2003. Documentation will be available on the Instant Info CD and on the web at the url: <http://docs.hp.com>.

Web release for Software Depot is scheduled for January 2003.

This product will be active on the CPL on March 2003.

HP-UX 11.0/11i
Application Release

Licensing information for HP-UX Application Release for March 2003

Some applications require codeword certificate to unlock the software.

The password is supplied with your software shipment or for some products you will receive a "password request form" enclosed with your shipment asking you to:

1. Generate it on line on Software License Manager
2. Generate it on line on Web ware
3. View it on line thru Software Update Manager
4. Contact HP licensing Services
5. Contact password Center

Your HP European Licensing contact:

Hewlett-Packard, Grenoble
Licensing Services France

E-mail: codeword.Europe@hp.com

Phone: +33 4 76 14 15 29

Fax: +33 4 76 14 25 25 15

Business hours: 8:30am to 5:30pm -
GMT+1 Monday to Friday

Your HP US and AP licensing contacts:

Hewlett-Packard, California, USA
Licensing Services USA

E-mail: hplicense@mayfield.hp.com

Phone: +1 650 960 5111

US & Canada: +1 800 538 1733

Fax: +1 650 960 5670

US & Canada: +1 800 541 2633

Business hours: 6am to 4:30pm - PST
Monday to Friday



Your HP Asia Pacific Licensing contacts:

Hewlett-Packard, Tokyo, Japan
Licensing Services Japan

E-mail: sw_codeword@hp.com

Phone: + 81 426 48 9310

Fax: + 81 426 39 4983

Business hours: 9:00am to 5:30pm -
GMT+9 Monday to Friday

HP-UX 11.0/11i
Application Release

New & updated product listing for HP-UX March 2003 Application Release

Workstation platform

Base	Category (1)	Description	Product Number	Version	Update/New (2)
11.0	OTHER	GTK+ Libraries	B6848BA	1.4.gm.38.1	New
11.0	NETWORKING	HP CWC	J6352AA	B.11.00.05	Update
11.0	OTHER	Ignite-UX	B5725AA	B.4.2.110	Update
11.0	NETWORKING	OmniBack	B6960BA	A.05.00	Update
11.11	OTHER	GTK+ Libraries	B6848BA	1.4.gm.38	New
11.11	NETWORKING	HP CWC	J6352AA	B.11.11.05	Update
11.11	OTHER	Ignite-UX	B5725AA	B.4.2.110	Update
11.11	NETWORKING	OmniBack	B6960BA	A.05.00	Update

Server platform

Base	Category (1)	Description	Product Number	Version	Update/New (2)
11.0	OTHER	GTK+ Libraries	B6848BA	1.4.gm.38.1	New
11.0	NETWORKING	HP CWC	J6352AA	B.11.00.05	Update
11.0	OTHER	Ignite-UX	B5725AA	B.4.2.110	Update
11.0	NETWORKING	OmniBack	B6960BA	A.05.00	Update
11.11	OTHER	ContCluster	T2346BA	A.04.00	New
11.11	OTHER	ContCluster	B7659BA	A.04.00	Update
11.11	OTHER	GTK+ Libraries	B6848BA	1.4.gm.38	New
11.11	NETWORKING	HP CWC	J6352AA	B.11.11.05	Update
11.11	OTHER	Ignite-UX	B5725AA	B.4.2.110	Update
11.11	OTHER	MetroClstr SRDF	B6264BA	A.04.12	Update
11.11	OTHER	MetroClstr XP256	B8109BA	A.04.20	Update
11.11	NETWORKING	OmniBack	B6960BA	A.05.00	Update

(1) Category:

- **language**

Application associated with compilers.

- **networking**

Software driver products that have hardware cards

- **case**

Computer Aided Software Engineering; it is a computer method to organize software.

- **other**

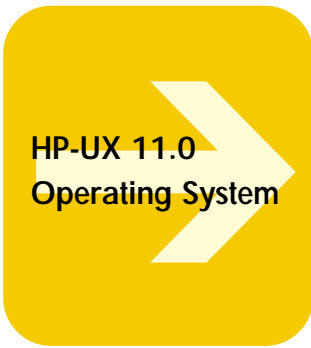
Software products not "language" and "networking".

(2) Update:

You may have already received this product in a standalone CD, and it is included in this Application release as an update.

New:

Your product is new to the Operating System (OS) stream or platform (Workstation and/or Server) and is included in this Application release for the first time.



HP-UX 11.0 install/update/recovery media for March 2003

This document explains the improvements to the (Ignite-UX) install tool and options for the HP-UX 11.0 Install/Update/Recovery media for the March 2003 release. The release of this media does not change the HP-UX 11.0 Core software or required 11.00 ACE patches from the November 1999 release. Please review the following information for changes with the HP-UX 11.0 Install/Update/Recovery media.

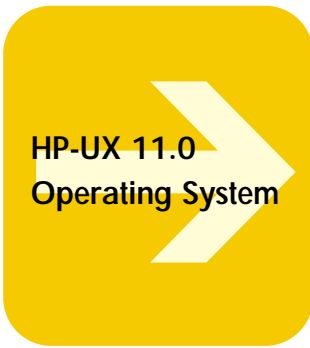
Overview

- The hardware-enablement patch bundle, HWE1100, now includes patches required for the new PA8700 systems. The updated install kernels also support the installation of the HP-UX 11.0 Core OS software to these new PA8700 systems using the latest I/O adapters supported with boot devices. The HWE1100 bundle is automatically selected for all configurations (using HP-UX 11.0 Install/Update/Recovery media from June 2001 or later).
- The HP-UX 11.0 Install/Update/Recovery media now provides updated install kernels that work with install utility and recovery commands to support FibreChannel boot devices in addition

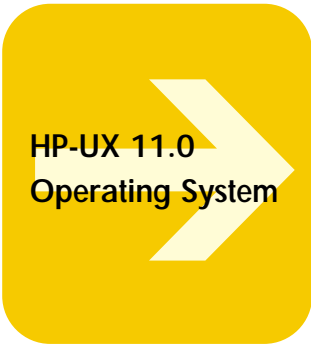


to the SCSI peripherals. (Note that HP9000 servers and workstations may require updated system firmware to support newer I/O cards and peripherals as boot devices.)

- Software Selection menu now supports the choice of Mass-Storage and Networking I/O driver products for installation with the Basic Configuration choices and other selected software.



1. Mass-Storage I/O driver products support PCI Tachyon TL/TS/XL2 Fibre Channel cards (A5158A, A6684A, A6685A, A6795A) and the PCI RAID card (A5856A) on several HP9000 systems.
 2. Networking I/O driver products support the 100BT, Gigabit Ethernet, FDDI, HyperFabric, and RS-232 Mux adapters on systems with GSC/HSC and PCI interfaces.
 3. The section below provides a list of selectable drivers that are available on the current release of the 11.0 Install/Update/Recovery media.
- The Ignite-UX install tool reduces the complexity and number of reboots required for the installation of HP-UX 11.0 Core OS software and selected patch bundles and/or add-on products.
 1. A single-pass process to cold-install HP-UX that requires only one reboot (a second reboot is needed if workstation firmware needs upgrading).
 2. The install utility also enables the selection of network drivers, diagnostics and HP-UX patch bundles from the Support Plus CD, and graphics bundles from the Core OS Options CD for Technical Computing systems during the initial cold install process.
 3. The installation starts with software from the HP-UX 11.0 Install/Update/Recovery media, the tool then prompts for the next CD based on other selected software and configuration options.
 4. System reboot is deferred until the selected software from each CD is installed and configured.
 - Ignite-UX now supports configuring "A5856A RAID 4Si" cards on 64-bit OS capable systems.
 1. From the "welcome" Ignite-UX screen if you press the "Advanced Options" button, you should see a button "Configure A5856A RAID 4Si cards" on systems that have this card installed.
 2. Pressing this button will run the "irm" utility to configure the card.
 3. If you choose to install HPUX to a disk connected to this card, be sure to also install the A5856A (I2O RAID) driver software that supports it during the installation.



HP-UX 11.0
Operating System

The HP-UX 11.00 Install/Update/Recovery media for March 2003 includes the following I/O drivers:

A3495A	B.11.00.X	HP-PB 100BT LAN/9000
A3722A	B.11.00.X	HSC FDDI/9000 Driver for K,T Class
A3723A	B.11.00.X	HSC FDDI/9000 Driver for B,C,D,J Class
A3739B	B.11.00.X	PCI FDDI/9000 Media
A4919A	B.11.00.X	HyperFabric 9000/[78]00
A4920A	B.11.00.X	HyperFabric 9000/800
A4921A	B.11.00.X	HyperFabric 9000/800
A4924A	B.11.00.X	1000Base-SX HSC Gigabit Ethernet Driver
A4926A	B.11.00.X	1000Base-SX PCI Gigabit Ethernet Driver
A4929A	B.11.00.X	1000Base-T PCI Gigabit Ethernet Driver
A5158A	B.11.00.X	HP PCI/HSC Tachyon TL Fibre Channel
A6795A	B.11.00.X	PCI Tachyon TL/TS/XL2 Fibre Channel
A5230A	B.11.00.X	100BT/9000 PCI
A5506A	B.11.00.X	PCI 4 PORT 100BASE-T/9000
A5506B	B.11.00.X	PCI 4 PORT 100BASE-T/9000
A5783A	B.11.00.X	PCI Token Ring
A5856A	B.11.00.X	I2O RAID
A6092A	B.11.00.X	HyperFabric 9000/[78]00
A6684A	B.11.00.X	HSC Fibre Channel
A6685A	B.11.00.X	HSC Fibre Channel
A6748A	B.11.00.X	PCI RS-232 MUX Software
A6825A	B.11.00.X	HP PCI Gigabit Ethernet Driver
A6847A	B.11.00.X	HP PCI Gigabit Ethernet Driver
B5509BA	B.11.00.X	100BT/9000 PCI
J1642AA	B.11.00.X	HP PCI/HSC Gigabit Ethernet Driver
J2157B	B.11.00.X	Server FDDI/9000
J2166B	B.11.00.X	Token Ring/9000 HPPB Series 800
J3514A	B.11.00.X	100BT/9000 GSC for K and T Series
J3515A	B.11.00.X	100BT/9000 GSC for B, C, D, and J Series
J3516A	B.11.00.X	100BT/9000 GSC for B, C, D, and J Series

HP-UX 11i Operating Environment

March 2003 Operating Environment changes

The HP-UX 11i March 2003 Release Notes have been updated and are available on the Instant Information document CD and at the following url: <http://docs.hp.com> These Release Notes provide more detailed information on what has changed in the Operating Environments (OE) for March 2003.

Starting in December 2002, HP-UX Operating Environments were offered on two different types of media: CD-ROM and DVD.

In support of the new Operating Environment Product Additions:

- There are no new additions for the March 2003 release.

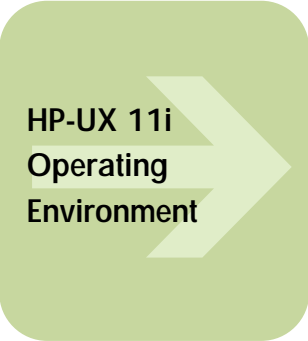
Current updates to the Operating Environment:

- HP Apache-based Web Server updated to version 2.0.43.00
- HP MLIB is temporarily removed from the TCOE media due to CD-ROM space constraint. A supplemental CD-ROM is included in both CD-ROM and DVD TCOE media kits.



TCOE customers can update or install MLIB from the supplemental CD-ROM.

- HP Visualize Conference updated to B.11.13.
- TechSysConf updated version B.11.11.08.

The logo consists of a light green rounded square containing a white arrow pointing to the right. The text 'HP-UX 11i Operating Environment' is written in black, stacked vertically on the left side of the arrow.

HP-UX 11i
Operating
Environment

Ignite-UX/HWE patch bundle

Ignite-UX has been updated to version B.4.2. This latest version includes changes to allow recovery from tape devices not directly supported by computer system firmware through use of the OE install media. This version includes improved support for multiple virtual IP addresses commonly used with Service Guard. This latest version also includes changes to allow recovery on system configurations that include thousands of devices. More information on these changes and others can be found at the following web site:

<http://software.hp.com./products/IUX/>

- Updated drivers for I/O adapters
- Updated install kernels for the latest boot devices
- Online and Offline Diagnostics
- HWE Patch Bundle

HP-UX Hardware Enablement (HWEEnable11i)

The HWE Patch Bundle (HWEEnable11i) delivers support for the new and future SPU, I/O and mass-storage products. This bundle is labeled as required, ignited on all systems in manufacturing, and automatically loaded as part of any OE update. It is included on the 11i OE media and on the Support Plus CD.

Patches in this bundle provide support for the following peripherals:

- A5159A 2 Port FWD SCSI PCI adapter
- A5838A Combo SCSI/LAN PCI adapter
- A6189A FC Disk Array VA7110
- A6218A FC Disk Array VA7410
- A6255A FC Disk System DS2405 (FibreChannel Disk Enclosure)
- A6491A SC Disk System DS2300 (SCSI Ultra160 Disk Enclosure)
- A6828A 1- Port Ultra160 SCSI PCI adapter
- A6829A 2- Port Ultra160 SCSI PCI adapter
- A7789A OEM Graphics Card for PA-8700 Workstations
- A7853A CD-RW Unit for BXX00, C3XX0, J5X00 Workstations
- A8068A DVD-ROM Unit for BXX00, C3XX0, J5X00 Workstations
- A8069A DVD-ROM Unit for J6X00 Workstations
- A8070A DVD-ROM/CD-RW Combo Unit for J6X00 Workstations

The patch bundles and diagnostic tools for the March 2003 releases are also available from the following web site:

http://software.hp.com/SUPPORT_PLUS/

HP-UX 11i
Operating
Environment

Bonus products included the March 2003 HP-UX quarterly release

Starting in March 2003, HP will not be including CD media from HP partners in OE shipments.

HP has partnered with key middleware partners, such as BEA, Iona, and Oracle, to offer you this exclusive invitation to try their J2EE® application server and web services products for HP-UX 11i. These middleware products allow you to customize, leverage, and extend your application infrastructure to support your business goals for at least ten years into the future. With our partners' middleware products and HP-UX 11i with its high availability, reliability, security, and manageability features, you get:

- **Increased productivity** - When systems are integrated and information is shared between and among applications, productivity increases; information users have timely access to information and can make better and faster decisions
- **Decreased costs** - Independent systems and applications hold back revenue growth. Key to reducing IT-related costs is deploying interoperable, reliable, and scalable systems in the heterogeneous IT environments so prevalent today.



For more information on how to obtain and try these products, please look for the invitational J2EE® brochure with your HP-UX 11i OE media shipment. Also, for more information on HP-UX 11i, please visit our web site at:

www.hp.com/go/hp-ux.

HP-UX 11i
Operating
Environment

Product(s) removed from the OE media

Web Quality of Service (WebQos) has been removed from the HP-UX OE, Enterprise OE and Mission-Critical OE for the March 2003 quarterly release.

Product(s) scheduled to be removed from the OE media in future releases:

Apache

Starting July 01, 2003, the HP Apache-based web server, v.1.3.x, for HP-UX 11i will no longer be supported by HP. This means no new functionalities or features will be released for the HP Apache, v.1.3.x. Future releases for HP Apache, v.1.3.x, will only be available to fix any critical defeats.

In the meantime, you should begin the transition process by taking advantages of the no-charge, higher performance, and more flexible HP-Apache, v.2.0.x, for HP-UX 11i. In addition, to assist with this transition, HP has also created the "migration guide - HP Apache-based web server version 1.3.x to 2.x," which can be downloaded free of charge at:

<http://www.hp.com/products1/unix/webserver/apache/techtips/index.html>



For more information on HP-Apache-based web server, please visit us at:

<http://hp.com/go/webserver>

or

<http://hp.com/go/hp-ux>

Automounter

In order to assist you with your File System planning, HP would like to inform you that Automounter for NFS on HP-UX version 2 (11.23) and later releases will not be available.

Please consider this notice as a reminder that the last releases of HP-UX that will support Automounter are HP-UX 11i (11.11) PA-RISC and HP-UX 11i 1.6 (11.22) IPF. If you are using Automounter on either of these two releases of HP-UX or on HP-UX 11.0 or HP-UX 10.20 Automounter will continue to be supported.

Product Description

Automounter mounts directories automatically when users or processes request access and it unmounts them automatically after they have been idle for a period of time (five minutes, by default)

Discontinuance and support

Automounter will continue to be supported on HP-UX 10.20, 11.0 and 11i versions 1.5 and 1.6. This notification is only intended to assist you in your future file system planning for future releases of HP-UX.

A migration guide will be included in the "Installing and Administering NFS Services"

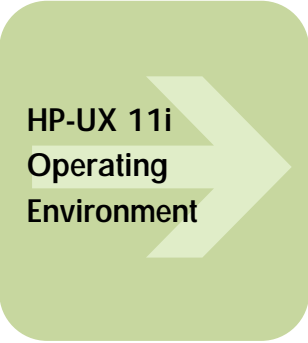
user manual and will be made available in 2003.

Replacement Information

HP plans to discontinue Automounter on the HP-UX 11i version 2 release. AutoFS will be the replacement product for Automounter. AutoFS has been in release since HP-UX 10.30 and has coexisted with Automounter, so you may be familiar with AutoFS. AutoFS performs many of the same functions as Automounter but it has several advantages over Automounter:

- AutoFS can be used to mount many types of file systems including NFS Protocol Version 2 and 3, CacheFS, HFS, VxFS, CDFS and LOFS. (Automounter can only mount NFS Protocol version 2)
- With AutoFS, the configured mount points are the actual mount points (Automounter mounts directories under /tmp_mnt and creates symbolic links from the configured mount points to the mount points /tmp/mnt)
- You do not have to stop AutoFS to change your automounter maps. The AutoFS daemon runs continuously.

For more information, please contact your HP sales representative.

A green rounded square containing a white arrow pointing right. The text "HP-UX 11i Operating Environment" is written in white, stacked vertically to the left of the arrow.

HP-UX 11i
Operating
Environment

Netscape

HP strategically changes web browser to Mozilla for hp-ux

HP has adopted a new standard of web browser for your HP-UX operating system. We are very pleased to announce that we will be shipping the Open Source standard Mozilla, which has some unique advantages over almost every proprietary alternative.

However, if you are on Netscape today, you can still use and download Netscape versions as far back as Netscape 4.79. Mozilla is an alternative browser that we now offer you on HP-UX 11.0 and up, and it will ship as standard in future HP-UX releases.

Many of you are still using and are happy with Netscape 4.79 and above, and will not wish to upgrade. In fact, you will still be able to download the Netscape browser of your choice. No new features or support fixes will be provided by Netscape but this should not matter to the majority of legacy customers.

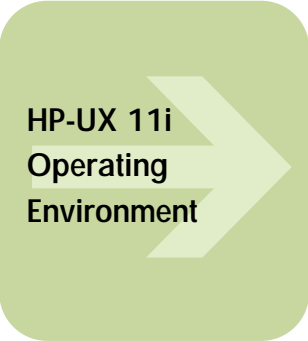
However, Mozilla offers a number of the latest features and advantages that reflect its modern approach and the fact that the entire Netscape code base was rewritten

from scratch when the Mozilla Open Source project began.

Mozilla is practically identical to the Netscape browser - it is the code base that recent versions of Netscape have been entirely based on and Netscape engineers contributed a large amount of work in rewriting the code base.

A combination of its streamlined code base and an entirely new rendering engine, Gecko, ensures that Mozilla is fast and stable. Here are just a few of the many interesting new features the end user will appreciate:

- HTML pipelining for faster downloads of multiple images
- Tabbed browsing to allow multiple browser pages available from a single window
- Optional pop-up and banner ad blocking
- Adherence to open standards such as HTML 4.0, CSS 1/2, the World Wide Web Consortium Document Object Model, XML 1.0, RDF, and JavaScript
- Discreet text zooming
- Optional automatic form fill-in
- The Bugzilla bug tracking software that enables comprehensive troubleshooting -

The logo consists of a light green rounded square containing a white arrow pointing to the right. The text 'HP-UX 11i Operating Environment' is written in black, stacked vertically on the left side of the square.

HP-UX 11i Operating Environment

Bugzilla has been widely hailed as an industry success

- Skinnable for more choices of the browser look & feel
- Multiple POP3 email accounts, for multiple email accounts while using Mozilla mail
- Password Manager provides convenience in web browsing by allowing saved passwords to be used.

There are a number of advantages for the developer in this transition:

- The source code for Mozilla is open, and so security updates get regularly submitted and where necessary, immediately addressed. HP will be able to ship quarterly updates to ensure a highly reliable browser
- The integrated JavaScript debugger provides for ease of using JavaScript in designing web pages.
- Not only is the source code transparent to the customer, providing a fundamental assurance of trust, but it is also available for modification in case customized features should be required.
 - A simple coding model can allow features and code snippets to be easily created with minimal experience
- Mozilla is generally a couple of months ahead of Netscape in feature updates,

as Netscape employs the Mozilla source code.

HP will continue to rigorously test versions of Mozilla on HP-UX, and will provide a fully supported and tested version of Mozilla via HP web site <http://software.hp.com> and eventually through application media kits. In return for this new flexibility, our engineers will be able to provide feedback, patches, and code support into the Open Source tool. HP will compile the Mozilla source code in the HP-UX environment providing the most optimized browser code for HP-UX users.

The Open Source model that turned the Netscape code base into Mozilla has been remarkably successful, and many developers have contributed their time to it. A number of programs and projects that the Mozilla project required have become models in the industry. In the uncertain world of browser wars, Mozilla has proven that it is here to stay, and that it is a worthy and professional.

Additional information regarding vPars and media extension process

vPars functionality was previously noted that it was available on the Software Pack media. This is not the case, and is available in two ways:

1. Base vPars functionality is available via download on the <http://software.hp.com> web site. Using the search function type "hp-ux software pack".
2. Full vPars functionality is available by purchasing the vPars product (T1335AC) through normal purchasing channels.

Extension Media Process:

This process is available so that you may obtain the latest version of software for the products that are in an OE (Operating Environment). While we do not recommend that you use a more recent version of what has been tested in the OE, we realize that some customers may need the absolute latest functionality. The majority of the products in the OE are not codeword protected and can be accessed using the Application Release media; however, for the few products that are codeword protected, the original system customer will now receive a generic codeword certificate in the media kit for the particular OE ordered. This generic

codeword will allow you access to the protected bits on the Application Release media only for those specific applications that are associated with a particular OE support contract. You can order these generic codeword certificates (which will include the corresponding Application media) through the existing material request process via your Software Support Specialist or through "Software Update Manager". The release name for the Extension Media is EX0303.

The version on the Application Release media may or may not match the version of the product on the OE media. Please check application updates at the same time on both the OE media and the Application media the versions will match. If a specific OE application does NOT update on the OE and only updates on the Application Release media, the newest version will be on the Application media.



Latest release of HP-UX Support Plus

HP is pleased to announce the latest release of HP-UX Support Plus. These tested bundles include patches that fix HP-UX defects, enable new hardware, and provide diagnostic tools. Support Plus is available to customers by request only. Please use the following information to decide whether this release is right for you.

New in Support Plus!

HP understands the pressures you face to keep your IT infrastructure seamlessly up and running, so we have created a new remote support solution to help - Instant Support Enterprise Edition (ISEE).

HP ISEE enables us to deliver remote support services to you over the Internet that supplement your same day - 4 hr. hardware support contract or higher. ISEE provides real-time hardware event monitoring and notification to help identify and prevent potential critical problems. Should a problem occur, ISEE enables faster restoration of your supported systems and devices, using remote diagnostic scripts and direct remote secure access by an HP support engineer. As a result of ISEE's availability and increased functionality, HP-UX Predictive will be discontinued.

In order to assist you with your future systems planning, HP would like to remind you that HP-UX Predictive Support will be discontinued on June 30, 2003. As a part of this discontinuance process, the Support Plus 0303 (Version 11.0 Series 800) will be the last release in which HP-UX Predictive is distributed on physical media. After June 30, 2003, HP-UX Predictive software will no longer be available on Software Depot. HP-UX Predictive end of service begins on April 1, 2004. After this date, Predictive events for HP-UX will no longer be processed.

HP encourages you to begin using ISEE as soon as possible so that you can reap the additional benefits of this new technology. Starting March 2003, ISEE is included in the Support Plus media for your convenience. You can find more information on ISEE <http://www.hp.com/hps/tech/resources/elect/isee.htm>.

HP-UX Support Plus will be released as two CDs, one for HP-UX 11.0 and one for HP-UX 11i.

HP-UX 11.0/11.i
Support Plus

HP-UX 11.0 Support Plus

If your hardware platform is an	And you want to	You should install	Revision date
HP-UX Workstation or Server	Use the latest diagnostic tools	OnlineDiag bundle from the depot/cdrom /DIAGNOSTICS /B.11.00	March 2003
HP-UX Server	Use the latest Instant Support Enterprise Edition tools (requires an HP support contract)	ISEEPlatform (A.02.50) bundle from the depot cdrom/ HPUXAuxTools	December 2002
HP-UX Server	Prepare your server to use iCOD (Instant Capacity on Demand) functionality	ICOD-purchase (B9073AA bundle) from /cdrom/ DIAGNOSTICS/B.11.00	September 2002
HP-UX Workstation or Server	Enable new systems and supported hardware products (including I/O adapters and devices)	Hardware Enablement Bundle from /cdrom/HWE1100	March 2003
HP-UX Workstation or Server	Bring all core and graphics software to the current patch level and install critical patches for Core, add-on I/O and networking drivers	Quality Pack Bundle from /cdrom/QPK1100 (Updated in March and September)	March 2003

**HP-UX 11.0/11.i
Support Plus**

HP-UX 11.i Support Plus

If your hardware platform is an	And you want to	You should install	Revision date
HP-UX Workstation or Server	Use the latest diagnostic tools	OnlineDiag bundle from the depot/cdrom /DIAGNOSTICS /B.11.11	March 2003
HP-UX Server	Use the latest Instant Support Enterprise Edition tools (requires an HP support contract)	ISEEPPlatform (A.02.50) bundle from the depot /cdrom/HPUXAuxTools	December 2002
HP-UX Workstation or Server	Prepare your server to use iCOD (Instant Capacity on Demand) functionality	ICOD-purchase (B9073AA bundle) from /cdrom/DIAGNOSTICS/B.11.11	September 2002
HP-UX Workstation or Server	Prepare your server to use iCOD (Instant Capacity on Demand) functionality	ICOD-utility (T13223AA bundle) from /cdrom/DIAGNOSTICS/B.11.11	December 2001
HP-UX Workstation or Server	11i header files missing from the first release	All current 11i OE systems should already have installed BUNDLE11i	February 2001 will not change
HP-UX Workstation or HP-UX Server	Enable new systems and supported hardware products (e.g. I/O adapters and devices)	Hardware Enablement Bundle: from /cdrom/HWEnable11i	March 2003
HP-UX Workstation or Server	Update HP-UX application software (e.g. HPMC/ ServiceGuard product)	Gold Apps Bundle: GOLDAPPS11i from the depot/cdrom/ GOLDQPK11i (Updated in June and December)	December 2002
HP-UX Workstation or Server	Update HP-UX core software	Gold Base Bundle GOLDBASE11i from the depot/cdrom/ GOLDQPK11i (Updated in June and December)	December 2002



Requesting HP-UX Support Plus

If you are interested in receiving this release of HP-UX Support Plus on CD-ROM, please use the enclosed reply-card together with the prepaid envelope or use one of the following options.

Support Plus bundles are available individually from HP Software Depot.

The Software Depot URL is:

<http://software.hp.com>.

- Click on "enhancement releases".
- Then look for the bundles in the list. There are informational web pages for each bundle.
- You must register and then may download any of them.

You can also order CDs through the HP Software Update Manager (SUM)

- Follow the links from the IT Resource Center. The URL is: <http://itrc.hp.com>
- In the "maintenance/support" area, click on "more..." In the "patching" area, then select "standard patch bundles". And select "Obtain Support Plus from Software Update Manager". You will be asked for a login and password. If you don't have any, please register by clicking on "register now".



In SUM, you may also register for any of the following Software Update Manager service features:

- Notification of the availability of new software update products related to your support agreement.
- Information about changes to the Software Update Manager.
- Set your preferences for e-mail and frequency of reporting.

View software information articles on-line in the Software Update Manager.

next
software updates

june 2003

