



hp-ux 11.0/11i
software updates
for hp9000
workstations and servers

Now available for

- hp-ux 11.0/11i application release
- hp-ux 11.0 operating system
- hp-ux 11i operating environment
- hp-ux 11.0/11i support plus - June 2002

important news
you need
to know about

- Hp-ux 11i on DVD
- Hp Software Update Manager enhancements
- hp-ux 10.20 support plus archive
- hp-ux predictive discontinuance and ISEE introduction

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Important
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hp-ux 11i on DVD Announcement

In response to the needs of our valued customers, HP will be extending our HP-UX 11i version 1.0 offering to include DVD. HP has been delivering HP-UX 11i Version 1.5 for Itanium systems on DVD for almost a year. The next release for Itanium Systems on DVD is in July 2002 (version 1.6). DVD availability of HP-UX 11i Version 1.0 for PA-RISC is planned for the December 2002 quarterly update.

HP-UX 11i Version 1.0 delivered on DVD will provide tremendous benefits over CD-ROM delivery.

Benefits to you

- The far higher capacity of the DVD format allows each of the HP-UX Operating Environments to be consolidated onto a single platter, where CD-ROM requires two platters.
- The Application CD kit consolidates 4 CD-ROMs into a single DVD-ROM.
- System installation is greatly simplified, takes far less time, and there is no more need to hunt for the correct CD that contains the layered software you need.
- Managing your media will also be much simpler with DVD.



Availability

HP-UX 11i Version 1.0 DVD will be available both for new purchases with new PA-RISC Server and Workstation Systems as well as standalone.

Note:

- HP will continue to make HP-UX 11i Version 1.0 for PA-RISC available on CD-ROM.
- Customers who do not have access to DVD drives can continue to use HP-UX 11i Version 1.0 CDs as they always have.
- Due to significant increases in functionality and features, future enterprise release of HP-UX can be expected to be available on DVD only.

How to get a DVD media

Customers with HP-UX software update services who desire to switch from HP-UX 11i Version 1.0 quarterly delivery for CD-ROM to DVD can do so at contract renewal.

Contact

Please contact your HP Support Sales Representative or Support Contract Administrator for more information or refer to the following web site:

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

Important
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System handle grouping

A new HP Software Update Manager tool feature!

Up to now:

SUM was enabling to view and order an update for a single system handle at a time, repeating steps for each handle and each request for update.

New features:

We are pleased to announce that new features were released for HP Software Update Manager (SUM) with the new ITRC release, on April 30th.

These enhancements benefit to large support environments, improving order management: materials requesting features and tracking capabilities for up to 50 system handles with a single transaction.



Why should you manage your software updates via SUM?

Get timely information that allows you to make informed decisions about your software update needs.

- View the content of your software support agreement.
- Request software updates and documentation for delivery via physical media or download.
- Be notified by e-mail of new software update release.
- Specify where you would like your software updates delivered.
- Formally track and verify the receipt of software updates.

In short, SUM reflects your specific HP contractual product and information needs, then puts you in control of your software updates.

Need support?

- SUM 'contact hp' hyperlinks
- or <http://itrc.hp.com> web site, choose the European site, then 'contact hp' in the left bar, 'select e-mail hp/ask a question'
- or contact your local hp representative

To register on-line, you will need the following information: company name, contact name, primary user's address, telephone and fax number, e-mail address, time zone, password, unique support contract number, support agreement number, and system handle. SUM is accessible via the ITRC, <http://itrc.hp.com/> under 'maintenance and support' bar.

Enjoy all SUM benefits by registering now at <http://itrc.hp.com>

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10.20 Support Plus Archive

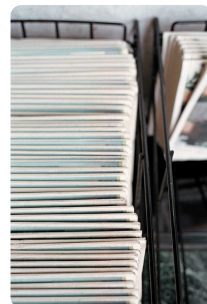
Need the final versions of 10.20 for support plus ?

These versions of software are the same as the ones previously offered in the December 2001 support plus release.

The only difference is new artwork for this release, the CD is the same as the CD in the December 2001 release.

If you requested the December archive there is no need to order this one. No updates were done to the software.

Otherwise, please complete and return the reply-card by [December 31st, 2002](#) using the prepaid envelope to receive them.



HP-UX 10.20 Support Plus CD-ROM contents:

If your hardware platform is an	And you want to	You should install	Revision date
HP-UX Workstation or Server	Install all the latest diagnostic tools	OnlineDiag bundle from depot: /cdrom/DIAGNOSTICS/ 10.20	December 2001
HP-UX Workstation	Install stable, critical, & 3rd party recommended patches with full OS release testing for selected core products	Quality Pack (QPK) Bundle: 700QPK1020	September 2000
HP-UX Workstation	Enable Visualize-FX graphics hardware and update selected HP graphics applications	Graphics Hardware Enablement Bundle (after installing HP 3D graphics software): B6825AA	September 2000
HP-UX Workstation	Enable new add-on hardware (as directed by documentation with new hardware purchases)	Hardware Enablement Bundle for HP-UX Workstations: XSW700HW1020	December 2001
HP-UX Workstation	Acquire the full set of Series 700 core, general release patches	General Release Bundle for HP-UX Workstations: XSW700GR1020	December 2001
HP-UX Server	Enable new add-on hardware (as directed by documentation with new hardware purchases) and install all 'critical' patches	Hardware/Critical Bundle: XSW800HWCR1020	December 2001
HP-UX Server	Acquire the full set of Series 800 core, general release patches	General Release Bundle for HP-UX Servers: XSW800GR1020	December 2001

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HP-UX Predictive Discontinuance and ISEE Introduction

Predictive is no longer available with HP-UX system purchased after April 30, 2002

Predictive will continue to be supported with standard updates and patches until June 30, 2003; however HP recommends using HP Instant Support Enterprise Edition (ISEE), HP's new remote support solution for HP-UX 11.x servers and connected peripherals or Virtual Arrays 7100/7400 storage devices. ISEE is available as a feature of Same Day - 4hr. response hardware support contracts.

HP ISEE is a support solution that enables HP remote support over the Internet. HP ISEE uses *real-time hardware event monitoring and notification* to identify and prevent potential critical problems during contract coverage hours. Through *remote diagnostics and repair scripts*, HP ISEE enables fast restoration of your supported systems and devices.

If you are currently using Predictive as your remote support solution, ISEE offers the following additional improvements and advantages:

- *real-time event monitoring and notification*: problems are detected and communicated continuously rather than on a daily basis.
- *improved security and continuous connectivity*: Internet connectivity enables



continuous communication between HP and your systems through a single access point through your firewall, using state-of-the-art security standards

- *reduced complexity and costs*: As HP's common remote support solution, ISEE will eliminate the need to manage multiple HP support tools and connectivity methods across different HP products and operating systems.

Future releases of HP ISEE will extend this common remote support solution to additional HP products, operating platforms and support contract levels.

HP ISEE is currently available in North America, Europe, Middle East and Africa, and will be available in Latin America and Asia Pacific later this year.

For additional information on HP Instant Support Enterprise Edition and how to download it, please visit:

<http://www.hp.com/go/instant-support> as well as our ISEE Self-paced learning website at:

<http://www.hp.com/learn/isee>

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hp-ux 11.0/11i application release

This release provides software updates for the HP-UX 11.0 operating system and 11i operating environment, and is available using the enclosed reply-card.

HP-UX Release Information

Support matrices for the HP-UX Application Releases are available on-line in the Information Technology Resource Center Web Server.

To obtain them, please access the following URL:

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

Remember - 10.20 Discontinuance Information

With the discontinuance of HP-UX 10.20 at the end of June 2002, HP has decided not to provide updated patch bundles (Support Plus) after the December 2001 release.

The December release was also the last time any application changes occurred.

HP will continue to provide 10.20 patches from the IT Resource Center web site at the following url: <http://itrc.hp.com/>

New and updated product summaries for June 2002

ACC

The major things that are occurring with the product in this release are:

- Bug fixes
- Moving from HP-UX 10.X or 11.00
- Upgrading HP-UX server hardware, requiring newer HP-UX 11i

This update applies to both System Admin managing UNIX patch updates and/or planning UNIX hardware updates.

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Ignite-UX

Ignite-UX has been updated to version B.3.7. This version includes changes of the default values of some file system parameters to increase system performance. For more information on these changes, including how to use Ignite-UX to maintain earlier file system settings for these parameters, refer to the Ignite-UX Release Notes for B.3.7 (June 2002). These can be found at the following web site: <http://software.hp.com/products/IUX/>

IDS/9000

The update for IDS/9000 is to change the release number from 2.0 to 2.1 and to reference the release notes as Notes "HP Intrusion Detection System/9000 Release 2.1 Release Notes".

NNM6.2

HP-UX 11.0: The 14.2 version of the SNMP Agent must be installed on the system before installing NNM. The depot is available via anonymous ftp at owweb.external.hp.com under `/pub/NNM62/SnmpAgent`. To determine what version of the agent is currently installed, execute the following as root: `/usr/sbin/snmpdm -v`

HP-UX 11.0/11.11:

After installing NNM, the following patches must be applied to the system before starting the NNM processes:

PHSS_25743: Consolidated Patch 2

PHSS_26924: snmpCollect fails to start

Failure to install PHSS_26924 will result in snmpCollect not being able to start. These patches are available on the HP OpenView Software patches web page at the following url: http://support.openview.hp.com/patches/patch_index.jsp under the network node manager product.

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SCR/DMI

The top three things occurring with the product in this update:

- All known DMI defects are fixed in this release.
- All known SCR defects are fixed in this release.
- Increased quality and stability as a result of the defect fixes.

The System Configuration Repository (SCR) is a free tool from Hewlett-Packard that helps administrators of multiple machines manage change.

SCR is a DMI management application. That means SCR gets all the information that it stores from standard API's that are supported by HP's DMI Service Provider. The DMI service provider can be thought of as SCR's collection agent on each managed node.

SCR has the ability to access all of the DMI information available about a machine and store it as a "snapshot" in a central database. SCR follows the client-server model: a single server runs SCR and uses DMI to access client nodes. Exactly what information is captured can be controlled, down to the level of each individual attribute, through the use of "filters."

For example, SCR can be used to compare a system's state to a previous, known good state of that system or a "golden" reference system. The administrator can determine if the current state is OK, in which case the current snapshot can be labeled as "Good" and used for future reference. If some of the detected differences are not desired, utilities available as a standard part of HP-UX can be used to change the system back to a desired state. SCR would then be used to capture a new "Good" snapshot to serve as the basis for future comparisons.

ULM:

ULM Services is a new module to allow multiple SAN management applications (ex: HP AutoPath) to co-exist. This update would benefit anyone who wants to install "multiple" SAN management applications like HP AutoPath and EMC PowerPath.

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New and updated product listing for June 2002

Workstation Platform

<u>Base</u>	<u>Category</u>	<u>Description</u>	<u>Product Number</u>	<u>Version</u>	<u>Update/ New</u>
11.0	NETWORKING	1000BT PCI/PCI-X	A6825A	B.11.00.04	New
11.0	NETWORKING	1000SX PCI/PCI-X	A6847A	B.11.00.04	New
11.0	NETWORKING	ATM LTU PCI-Bus	J3572BA	I.11.00.100	Update
11.0	NETWORKING	ATM PCI	A5483A	I.11.00.100	Update
11.0	NETWORKING	ATM PCI	A5513A	I.11.00.100	Update
11.0	NETWORKING	ATM PCI	A5515A	I.11.00.100	Update
11.0	NETWORKING	CIFS/9000 Client	B8724AA	A.01.07	Update
11.0	NETWORKING	CIFS/9000 Server	B8725AA	A.01.08	Update
11.0	NETWORKING	EISA MUX 8-Port	J2482A	B.11.00.15	Update
11.0	NETWORKING	EISA MUX SW	J2467C	B.11.00.15	Update
11.0	NETWORKING	EISAMUX 64-Port	J2483A	B.11.00.15	Update
11.0	OTHER	Glance + M/M	B3691AA	C.03.58.00	Update
11.0	OTHER	Glance + M/M	B3691AJ	C.03.58.00	Update
11.0	OTHER	Glance + Pak	B3699AA	C.03.58.00	Update
11.0	OTHER	Glance + Pak	B3699AJ	C.03.58.00	Update
11.0	OTHER	HP MPI	B6060BA	B.11.00.10	Update
11.0	NETWORKING	HSC ATM	J2499A	I.11.00.100	Update
11.0	NETWORKING	HSC ATM	J3420B	I.11.00.100	Update
11.0	NETWORKING	HSC ATM 155/622	J2806CA	I.11.00.100	Update
11.0	OTHER	IDS/9000	J5083AA	A.02.01.32	Update
11.0	NETWORKING	IPFilter/9000	B9901AA	A.03.05.04	Update
11.0	OTHER	Ignite-UX	B5725AA	B.3.7.95	Update
11.0	LANGUAGE	Java 3D Dev	B8752AA	1.2.1.03.02	Update
11.0	LANGUAGE	Java JDK	B5455CA	C.01.18.06	Update
11.0	LANGUAGE	Java JDK	B5457DA	C.01.18.06	Update
11.0	OTHER	MWA Svr M/M	B4965AA	C.03.58.00	Update
11.0	OTHER	MWA Svr M/M	B4965AJ	C.03.58.00	Update
11.0	NETWORKING	NS Dir V4 Inet	J4258BA	B.04.16	Update
11.0	NETWORKING	NS US/CAN V4 CD	J4264AA	B.04.16	Update
11.0	OTHER	Netscape Comm	B8342AA	B.11.00.10	Update
11.0	LANGUAGE	Nihongo Comp LTU	B3857BB	A.13.25.05	Update
11.0	LANGUAGE	Nihongo Dev LTU	B3855BB	A.13.25.05	Update

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<u>Base</u>	<u>Category</u>	<u>Description</u>	<u>Product Number</u>	<u>Version</u>	<u>Update/ New</u>
11.0	LANGUAGE	Nihongo RTS LTU	B3854BB	A.13.25.05	Update
11.0	NETWORKING	OV-NNM 250 6.x	J1248AA	B.06.20.00	New
11.0	NETWORKING	OV-NNM 6.x Jpn	J1247AJ	B.06.20.00	New
11.0	NETWORKING	OV-NNM Dev TIKit	J1262AA	B.06.20.00	New
11.0	NETWORKING	OV-NNM250 6x Jpn	J1248AJ	B.06.20.00	New
11.0	NETWORKING	OmniBack Media	B6960BA	A.04.10.01	Update
11.0	NETWORKING	PCI MUX 64-Port	A6749A	B.11.00.15	Update
11.0	NETWORKING	PCI MUX 64-Port	J3593A	B.11.00.15	Update
11.0	NETWORKING	PCI Mux 8-Port	A6748A	B.11.00.15	Update
11.0	NETWORKING	PCI Mux 8-Port	J3592A	B.11.00.15	Update
11.0	NETWORKING	PCI Mux SW	J3596A	B.11.00.15	Update
11.0	NETWORKING	OV-NNM 250 6.x	J1248AA	B.06.20.00	New
11.0	NETWORKING	OV-NNM 6.x	J1247AA	B.06.20.00	New
11.0	NETWORKING	OV-NNM 6.x Jpn	J1247AJ	B.06.20.00	New
11.0	NETWORKING	OV-NNM Dev TIKit	J1262AA	B.06.20.00	New
11.0	NETWORKING	OV-NNM250 6x Jpn	J1248AJ	B.06.20.00	New
11.0	NETWORKING	OmniBack Media	B6960BA	A.04.10.01	Update
11.0	NETWORKING	PCI MUX 64-Port	A6749A	B.11.00.15	Update
11.0	NETWORKING	PCI MUX 64-Port	J3593A	B.11.00.15	Update
11.0	NETWORKING	PCI Mux 8-Port	A6748A	B.11.00.15	Update
11.0	NETWORKING	PCI Mux 8-Port	J3592A	B.11.00.15	Update
11.0	NETWORKING	PCI Mux SW	J3596A	B.11.00.15	Update
11.0	OTHER	PRM Sw Libs	B7697BA	C.02.00.02	Update
11.0	OTHER	PRM sw/lic	B3835DA	C.02.00.02	Update
11.0	OTHER	SCR & DMI - HPUX	B6816AA	B.11.00.36	Update
11.0	OTHER	ServControl Agt	B8337BA	A.02.05.01	Update
11.0	OTHER	ServControl Agt	B8338BA	A.02.05.01	Update
11.0	OTHER	ServControl Mgr	B8339BA	A.02.05.01	Update
11.0	CORE	ULM services	ULM-SERVICE	B.11.00.01	New
11.11	NETWORKING	1000SX PCI/PCI-X	GigEther-01	B.11.11.04	Update
11.11	NETWORKING	ACC Base S/W	Z7478AA	B.03.32.00	Update
11.11	NETWORKING	ACC Developer SW	Z7486AA	B.03.32.00	Update
11.11	NETWORKING	ACC X.25 Bundle	Z7476AA	B.03.32.00	Update
11.11	NETWORKING	ACC X.25 Streams	Z7480AA	B.03.32.00	Update
11.11	NETWORKING	ATM PCI	ATM-00	K.11.11.30	Update

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<u>Base</u>	<u>Category</u>	<u>Description</u>	<u>Product Number</u>	<u>Version</u>	<u>Update/ New</u>
11.11	NETWORKING	CIFS/9000 Client	B8724AA	A.01.07	Update
11.11	NETWORKING	CIFS/9000 Server	B8725AA	A.01.08	Update
11.11	NETWORKING	EISA MUX 8-Port	TermIO-01	B.11.11.07	Update
11.11	OTHER	Glance + M/M	B3691AA	C.03.58.00	Update
11.11	OTHER	Glance + M/M	B3691AJ	C.03.58.00	Update
11.11	OTHER	Glance + Pak	B3699AA	C.03.58.00	Update
11.11	OTHER	Glance + Pak	B3699AJ	C.03.58.00	Update
11.11	OTHER	HP MPI	B6060BA	B.11.11.06	Update
11.11	NETWORKING	HSC ATM	ATM-01	K.11.11.30	Update
11.11	OTHER	IDS/9000	J5083AA	B.02.01.32	Update
11.11	NETWORKING	IPFilter/9000	B9901AA	A.03.05.04	Update
11.11	OTHER	Ignite-UX	B5725AA	B.3.7.95	Update
11.11	LANGUAGE	Java 3D Dev	B8752AA	1.2.1.03.02	Update
11.11	OTHER	Judy Libraries	Judy	B.11.11.04.	Update
11.11	NETWORKING	Kerberos Server	T1417AA	B.11.11.02	Update
11.11	OTHER	MWA Wk M/M	B4965AA	C.03.58.00	Update
11.11	OTHER	MWA Wk M/M	B4965AJ	C.03.58.00	Update
11.11	NETWORKING	NS Dir V4 Inet	J4258BA	B.04.16	Update
11.11	NETWORKING	NS US/CAN V4 CD	J4264AA	B.04.16	Update
11.11	OTHER	Netscape Comm	B8342AA	B.11.11.10	Update
11.11	NETWORKING	OV-NNM 6.x	J1247AA	B.06.20.00	New
11.11	NETWORKING	OV-NNM 6.x Jpn	J1247AJ	B.06.20.00	New
11.11	NETWORKING	OV-NNM Dev Tikit	J1262AA	B.06.20.00	New
11.11	NETWORKING	OV-NNM250 6x Jpn	J1248AJ	B.06.20.00	New
11.11	NETWORKING	OV.NNM 250 6.x	J1248AA	B.06.20.00	New
11.11	NETWORKING	OmniBack Media	B6960BA	A.04.10.01	Update
11.11	NETWORKING	PCI Mux 8-Port	TermIO-00	B.11.11.07	Update
11.11	OTHER	PRM Sw Libs	B7697BA	C.02.00.02	Update
11.11	OTHER	PRM sw/lic	B3835DA	C.02.00.02	Update
11.11	OTHER	SCR & DMI - HPUX	B6816AA	B.11.11.36	Update
11.11	OTHER	ServControl Mgr	B8339BA	A.02.05.01	Update
11.11	OTHER	Tech Sys Config	TechSysConf	B.11.11.02	New
11.11	CORE	ULM services	ULM-SERVICE	B.11.11.01	New

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Server Platform

<u>Base</u>	<u>Category</u>	<u>Description</u>	<u>Product Number</u>	<u>Version</u>	<u>Update/ New</u>
11.0	NETWORKING	1000BT PCI/PCI-X	A6825A	B.11.00.04	New
11.0	NETWORKING	1000SX PCI/PCI-X	A6847A	B.11.00.04	New
11.0	NETWORKING	ATM LTU PCI-Bus	J3572AA	I.11.00.100	Update
11.0	NETWORKING	ATM LTU PCI-Bus	J3572BA	I.11.00.100	Update
11.0	NETWORKING	ATM PCI	A5483A	I.11.00.100	Update
11.0	NETWORKING	ATM PCI	A5513A	I.11.00.100	Update
11.0	NETWORKING	ATM PCI	A5515A	I.11.00.100	Update
11.0	NETWORKING	ATM PCI	J3557A	I.11.00.100	Update
11.0	NETWORKING	CIFS/9000 Client	B8724AA	A.01.07	Update
11.0	NETWORKING	CIFS/9000 Server	B8725AA	A.01.08	Update
11.0	OTHER	ContClusters	B7659BA	A.03.03	Update
11.0	OTHER	DB Pak 2000	B7324AA	C.03.58.00	Update
11.0	OTHER	ECM Toolkit	B5139DA	B.01.08	Update
11.0	NETWORKING	EISA MUX 8-Port	J2482A	B.11.00.15	Update
11.0	NETWORKING	EISA MUX SW	J2467C	B.11.00.15	Update
11.0	NETWORKING	EISAMUX 64-Port	J2483A	B.11.00.15	Update
11.0	OTHER	Glance + M/M	B3693AA	C.03.58.00	Update
11.0	OTHER	Glance + M/M	B3693AJ	C.03.58.00	Update
11.0	OTHER	Glance + Pak	B3701AA	C.03.58.00	Update
11.0	OTHER	Glance + Pak	B3701AJ	C.03.58.00	Update
11.0	OTHER	HP MPI	B6060BA	B.11.00.10	Update
11.0	NETWORKING	HP-PB ATM	J2804A	I.11.00.100	Update
11.0	NETWORKING	HP-PB ATM	J2805BA	I.11.00.100	Update
11.0	NETWORKING	HSC ATM	J2468A	I.11.00.100	Update
11.0	NETWORKING	HSC ATM	J2469A	I.11.00.100	Update
11.0	NETWORKING	HSC ATM	J2499A	I.11.00.100	Update
11.0	NETWORKING	HSC ATM	J3573A	I.11.00.100	Update
11.0	NETWORKING	HSC ATM 155/622	J2806CA	I.11.00.100	Update
11.0	OTHER	IDS/9000	J5083AA	A.02.01.32	Update
11.0	NETWORKING	IPFilter/9000	B9901AA	A.03.05.04	Update
11.0	OTHER	Ignite-UX	B5725AA	B.3.7.95	Update
11.0	LANGUAGE	Java 3D Dev	B8752AA	1.2.1.03.02	Update
11.0	LANGUAGE	Java JDK	B5456CA	C.01.18.06	Update
11.0	LANGUAGE	Java JDK	B5458DA	C.01.18.06	Update
11.0	OTHER	MWA Svr M/M	B4967AA	C.03.58.00	Update

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<u>Base</u>	<u>Category</u>	<u>Description</u>	<u>Product Number</u>	<u>Version</u>	<u>Update/ New</u>
11.0	OTHER	MWA Svr M/M	B4967AJ	C.03.58.00	Update
11.0	OTHER	MetroClstr SRDF	B6264BA	A.04.10	Update
11.0	OTHER	MetroClstr XP256	B8109BA	A.04.10	Update
11.0	NETWORKING	NS Dir V4 Inet	J4258BA	B.04.16	Update
11.0	NETWORKING	NS US/CAN V4 CD	J4264AA	B.04.16	Update
11.0	LANGUAGE	Nihongo Comp LTU	B3861BB	A.13.25.05	Update
11.0	LANGUAGE	Nihongo Dev LTU	B3859BB	A.13.25.05	Update
11.0	LANGUAGE	Nihongo RTS LTU	B3863BB	A.13.25.05	Update
11.0	NETWORKING	OV-NNM 250 6.x	J1248AA	B.06.20.00	New
11.0	NETWORKING	OV-NNM 6.x	J1247AA	B.06.20.00	New
11.0	NETWORKING	OV-NNM 6.x Jpn	J1247AJ	B.06.20.00	New
11.0	NETWORKING	OV-NNM Dev TIKit	J1262AA	B.06.20.00	New
11.0	NETWORKING	OV-NNM250 6x Jpn	J1248AJ	B.06.20.00	New
11.0	NETWORKING	OmniBack Media	B6960BA	A.04.10.01	Update
11.0	NETWORKING	PCI MUX 64-Port	A6749A	B.11.00.15	Update
11.0	NETWORKING	PCI MUX 64-Port	J3593A	B.11.00.15	Update
11.0	NETWORKING	PCI MUX 8-Port	A6748A	B.11.00.15	Update
11.0	NETWORKING	PCI Mux 8-Port	J3592A	B.11.00.15	Update
11.0	NETWORKING	PCI Mux SW	J3596A	B.11.00.15	Update
11.0	OTHER	PRM Sw Libs	B7697BA	C.02.00.02	Update
11.0	OTHER	PRM sw/lic	B3835DA	C.02.00.02	Update
11.0	OTHER	SCR & DMI - HPUX	B6816AA	B.11.00.36	Update
11.0	OTHER	ServControl Agt	B8337BA	A.02.05.01	Update
11.0	OTHER	ServControl Agt	B8338BA	A.02.05.01	Update
11.0	OTHER	ServControl Mgr	B8339BA	A.02.05.01	Update
11.0	CORE	ULM services	ULM-SERVICE	B.11.00.01	New
11.0	OTHER	WLM Toolkits	T1302AA	A.01.03	Update
11.0	OTHER	Workload Manager	B8843CA	A.02.00	Update
11.11	NETWORKING	1000BT PCI/PCI-X	GigEther-01	B.11.11.04	Update
11.11	NETWORKING	ACC Base S/W	Z7478AA	B.03.32.00	Update
11.11	NETWORKING	ACC Developer SW	Z7486AA	B.03.32.00	Update
11.11	NETWORKING	ACC X.25 Bundle	Z7476AA	B.03.32.00	Update
11.11	NETWORKING	ACC X.25 Streams	Z7480AA	B.03.32.00	Update
11.11	NETWORKING	ATM PCI	ATM-00	K.11.11.30	Update
11.11	NETWORKING	CIFS/9000 Client	B8724AA	A.01.07	Update
11.11	NETWORKING	CIFS/9000 Server	B8725AA	A.01.08	Update
11.11	OTHER	ContClusters	B7659BA	A.03.03	Update

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Server Platform

<u>Base</u>	<u>Category</u>	<u>Description</u>	<u>Product Number</u>	<u>Version</u>	<u>Update/ New</u>
11.11	OTHER	ECM Toolkit	B5139DA	B.01.08	Update
11.11	NETWORKING	EISAMUX 64-Port	TermIO-01	B.11.11.07	Update
11.11	OTHER	Glance + M/M	B3693AA	C.03.58.00	Update
11.11	OTHER	Glance + M/M	B3693AJ	C.03.58.00	Update
11.11	OTHER	Glance + Pak	B3701AA	C.03.58.00	Update
11.11	OTHER	Glance + Pak	B3701AJ	C.03.58.00	Update
11.11	OTHER	HP MPI	B6060BA	B.11.11.06	Update
11.11	NETWORKING	HP-PB ATM	J2804A	K.11.11.30	Update
11.11	NETWORKING	HP-PB ATM	J2805BA	K.11.11.30	Update
11.11	NETWORKING	HSC ATM	ATM-01	K.11.11.30	Update
11.11	OTHER	IDS/9000	J5083AA	B.02.01.32	Update
11.11	NETWORKING	IPFilter/9000	B9901AA	A.03.05.04	Update
11.11	OTHER	Ignite-UX	B5725AA	B.3.7.95	Update
11.11	LANGUAGE	Java 3D Dev	B8752AA	1.2.1.03.02	Update
11.11	OTHER	Judy Libraries	Judy	B.11.11.04.	Update
11.11	NETWORKING	Kerberos Server	T1417AA	B.11.11.02	Update
11.11	OTHER	MWA Srvr M/M	B4967AJ	C.03.58.00	Update
11.11	OTHER	MWA Svr M/M	B4967AA	C.03.58.00	Update
11.11	OTHER	MetroClstr SRDF	B6264BA	A.04.10	Update
11.11	OTHER	MetroClstr XP256	B8109BA	A.04.10	Update
11.11	NETWORKING	NS Dir V4 Inet	J4258BA	B.04.16	Update
11.11	NETWORKING	NS US/CAN V4 CD	J4264AA	B.04.16	Update
11.11	NETWORKING	OV-NNM 6.x	J1247AA	B.06.20.00	New
11.11	NETWORKING	OV-NNM 6.x Jpn	J1247AJ	B.06.20.00	New
11.11	NETWORKING	OV-NNM Dev Tikit	J1262AA	B.06.20.00	New
11.11	NETWORKING	OV-NNM250 6x Jpn	J1248AJ	B.06.20.00	New
11.11	NETWORKING	OV.NNM 250 6.x	J1248AA	B.06.20.00	New
11.11	NETWORKING	OmniBack Media	B6960BA	A.04.10.01	Update
11.11	NETWORKING	PCI Mux 8-Port	TermIO-00	B.11.11.07	Update
11.11	OTHER	PRM Sw Libs	B7697BA	C.02.00.02	Update
11.11	OTHER	PRM sw/lic	B3835DA	C.02.00.02	Update
11.11	OTHER	SCR & DMI - HPUX	B6816AA	B.11.11.36	Update
11.11	OTHER	ServControl Mgr	B8339BA	A.02.05.01	Update
11.11	CORE	ULM services	ULM-SERVICE	B.11.11.01	New
11.11	OTHER	WLM Toolkits	T1302AA	A.01.03	Update
11.11	OTHER	Workload Manager	B8843CA	A.02.00	Update

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HP-UX 11.0 Install/Update/Recovery Media

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 June 2002 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.

Note:

Ignite-UX has been updated to version B.3.7. This version includes changes of the default values of some file system parameters to increase system performance. For more information on these changes, including how to use Ignite-UX to maintain earlier file system settings for these parameters, refer to the Ignite-UX Release Notes for B.3.7 (June 2002).

These can be found at the following web site: <http://software.hp.com/products/IUX/>

Overview

1. 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).
2. 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.)

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- 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 (I20 RAID) driver software that supports it during the installation.

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- The HP-UX 11.00 Install/Update/Recovery media for June 2002 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

June 2002 Operating Environment Changes:

The HP-UX 11i June 2002 Release Notes have been updated and are available on the instant information document CD and on the following web site: <http://docs.hp.com/> These Release Notes provide more detailed information on what has changed in the Operating Environments (OE) for June 2002.

In support of the new Operating Environment product additions:

- EMS HA-ATM now supported for HP-UX workstations
- Technical Systems Configuration (TechSysConf) bundle, now an always-installed part of the MTOE and TCOE.

Ignite-UX

Ignite-UX has been updated to version B.3.7. This version includes changes of the default values of some file system parameters to increase system performance. For more information on these changes, including how to use Ignite-UX to maintain earlier file systems settings for these parameters, refer to the Ignite-UX Release Notes for B.3.7 (June 2002). These can be found at the following web site:

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

In Support of VPARS: Increase in the Size of Install Kernels and Ignite-UX Utilities"

All installation kernels are 54 to 70% larger in size than the kernels used in previous releases (depending on the kernel).

How This Affects You:

- Facilitates support of Virtual Partitions (vPars)
- Enables installation kernels (e.g. WINSTALL) to be analyzed in the same manner as regular kernels; techniques for examining standard kernels can now be applied to installation kernels
- Ensures consistency between various installation kernels, including kernels that are built at installation, boot, and reboot, as well as special installation kernels used to bring up a new system or restore an old one.

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Current updates to the Operating Environment:

- CIFS/9000 Client updated to version A.01.07
- CIFS/9000 Server updated to version A.01.08
- GlancePlus Pak updated to version C.03.58
- HP MPI updated to version 1.8
- HP-UX Workload Manager updated to version A.02.00
- IDS/9000 updated to version 2.1
- IPFilter updated to version A.03.05.04
- Netscape Communicator updated to version 4.79 (B.11.11.09)
- Process Resource Manager updated to version C.02.00.02
- ServiceControl Manager updated to version A.2.5.01
- "TermIO" drivers
- HP-UX Workload Manager Toolkit updated to version A.02.00
- Judy Libraries
- Netscape Directory Server updated to version B.04.16
- ECM Toolkit updated to version B.01.08
- SCR & DMI updated to version B.11.11.36
- Ignite UX updated to version B.3.7.95

In Support of Hardware Enablement:

- IGE LAN driver
- OnLine Diagnostics
- HWE Patch Bundle

The HWE Patch Bundle (HWEable11i) 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.

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Patches in this bundle provide support for the following peripherals:

- A6491A SC Disk System DS2300 (SCSI Ultra160 Disk Enclosure)
- A6255A FC Disk System DS2405 (FibreChannel Disk Enclosure)
- A7789A OEM Graphics Card for PA-8700 Workstations
- A8069A DVD-ROM Unit for J6X00 Workstations
- A8070A DVD-ROM/CD-RW Combo Unit for J6X00 Workstations
- A7853A CD-RW Unit for BXX00, C3XX0, J5X00 Workstations

The patch bundles and diagnostic tools for the June 2002 releases are also available from the following web site: http://software.hp.com/SUPPORT_PLUS/

Products included on the bonus CD's:

The June 2002 HP-UX quarterly release includes an exciting new numerical subroutine libraries product, by NAG. This product is included on one CD in the HP-UX Technical Computing media kit. Additional information about NAG can be found at: <http://www.nag.com>

There is no change to the MC/ServiceGuard Distributed Components CD that was distributed in the MCOE (Mission Critical Operating Environment) media kit in March 2002.

Product(s) Removed from the OE media:

Web Quality of Service (WebQos) is targeted to be removed from the HP-UX OE, Enterprise OE and Mission-Critical OE for the March 2003 quarterly release. In the near future, the WebQos products may be removed from sale by HP and placed in support life.

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This is to inform you that HP has decided to discontinue the distribution of the HP Application Server (HP-AS) for the HP-UX OE, Enterprise OE and Mission Critical OE media kits. As a result, the CD media containing the HP Application Server will no longer be available with the HP-UX 11i OEs starting June 2002. If you have a current HP support contract for the HP-AS, then HP will continue to provide support per your contract agreement. For more information on the Hp Application Server, please contact your HP sales representative or visit us at: <http://hpmiddleware.com>

HP-UX Software Pack:

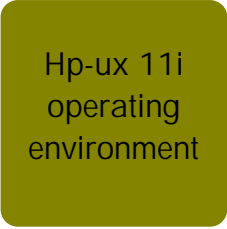
For HP-UX 11i, Hewlett-Packard introduced a new method for introducing new core operating system functionality. In the past this functionality was released using patches that were required patch bundles for the new hardware enablement. There was no choice for the customer but to take the new functionality, regardless of whether it was desired.

The HP-UX Software Pack still involves patches, but the patches are only to enable the new system functionality. The current new system functionality is delivered via a Software Distributor (SD) bundle, which contains the required patches. This functionality is delivered via HP Software Depot where a customer can download the Software Pack directly. Since December 2001, the Software Pack CD-ROM media has been included in all the OE (Operating Environment) media kits. The June 2002 HP-UX quarterly release includes the latest version of the Software Pack CD's.

Additional information regarding Software Pack:

vPars functionality is not available on the Software Pack media as previously announced. However you can retrieve this functionality as follows:

1. You can either download the Base vPars functionality from the following web site : <http://software.hp.com/> via the "hp-ux software pack" link.
2. Or buy the full vPars product (T1335AC) through normal purchasing channels.



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Extension Media Process:

A process is available so that you can 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 EX0602.

The version on the Application Release media may or may not match the version of the product on the OE media. If a specific OS (Operating System) application updates at the same time on both the OE media and the Application media, the versions will match. If a specific OE application is not updated on the OE media but is updated on the release media, the newest version will be on the Application media. The June 2002 OE release and the June 2002 Application media are in synchronization with each other.

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support plus

Hp-ux 11.0/11i Support Plus

Hewlett-Packard 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 media also provides offline diagnostic tools to update your boot disk or run directly from the Support Plus CD. The User Guide (delivered as a file on each Support Plus CD) contains additional information about installing HP-UX bundles and using support tools (Diagnostics).

Support Plus bundles are provided on separate CD media, with HP-UX 11.0 Support Plus having the HP-UX 11.00 bundles, and HP-UX 11i Support Plus having the HP-UX 11i bundles.

Support Plus media is available to customers by request only. Please use the following information to decide whether this release is right for you.

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

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The hp-ux 11.0 support plus CD-ROM contains:

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	June 2002
HP-UX Server	Prepare your server to use new iCOD (Instant Capacity on Demand) functionality	ICOD-purchase (B9073AA bundle) From /cdrom/DIAGNOSTICS/B.11.00	December 2001
HP-UX Server	Prepare your server to use new iCOD (Instant Capacity on Demand) functionality	ICOD-utility (T1322AA bundle) from /cdrom/DIAGNOSTICS/B.11.00	December 2001
HP-UX Workstation or Server	Enable new systems and supported hardware products (including I/O adapters and devices)	Hardware Enablement Bundle from /cdrom/HWE1100	June 2002
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 2002

Note:

In the December 2001 release:

- The new 11.00 Hardware Enablement (HWE1100) bundle replaced the 11.00 Hardware/Critical (HWCR) bundle.
- The new HWE1100 bundle provides the minimal number of patches for supporting new and legacy hardware using the HP-UX 11.00 OS.
- Critical patches previously found in the HWCR bundle are now available in the Quality Pack bundle.

Also, in the September 11.00 release:

The updated Quality Pack (QPK) bundle replaced the General Release bundle (GR) bundle. (HP eliminated separate patch bundles for servers versus workstations.)

Hp-ux
11.0/11i
support plus

The hp-ux 11i support plus CD-ROM contains:

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.11i	June 2002
HP-UX Workstation or Server	Prepare your server to use new iCOD (Instant Capacity on Demand) functionality	ICOD-purchase (B9073AA bundle) from /cdrom/DIAGNOSTICS/B.11i	December 2001
HP-UX Workstation or Server	Prepare your server to use new iCOD (Instant Capacity on Demand) functionality	ICOD-utility (T1322AA bundle) from /cdrom/DIAGNOSTICS/B.11i	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	June 2002
HP-UX Workstation or Server	Update HP-UX application software (e.g. HP MC/ServiceGuard product)	Gold Apps Bundle: GOLDAPPS11i from the depot /cdrom/GOLDQPK11i (Updated in June and December)	June 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)	June 2002



The next

hp-ux 11.0/11i
software update

for hp9000
workstations and servers

will occur
in September 2002

