hp-ux 11i
oes

hp-ux 11i operating environments
enterprise release

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hp-ux 11i operating environments benefits

greatly simplified software deployment

- Only one reboot needed to install the Operating Environment (OE) of your choice
- No codewords are necessary to access any of the functionality/application products resident on the OE media
- Comprehensive offering of Network, Mass Storage, and I/O Drivers available during install process
- Online Diagnostics loaded during cold install

simple to purchase license

- Each OE license product contains licensing for the base HP-UX O/S and all of the included HP applications

attractive pricing

- Pricing of the OE licenses reflects a built-in advantage over purchasing individual OE components separately

published testing results

- Testing results of application products in the OEs will be published on docs.hp.com for worldwide access both inside and outside HP

simple to purchase software support

- Simplification in Software Support ordering and contract administration has been achieved in parallel with the introduction of HP-UX 11i Operating Environments

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- The following series of slides will show how HP-UX 11i Operating Environments are constructed from pieces of the total 11i Software Solution

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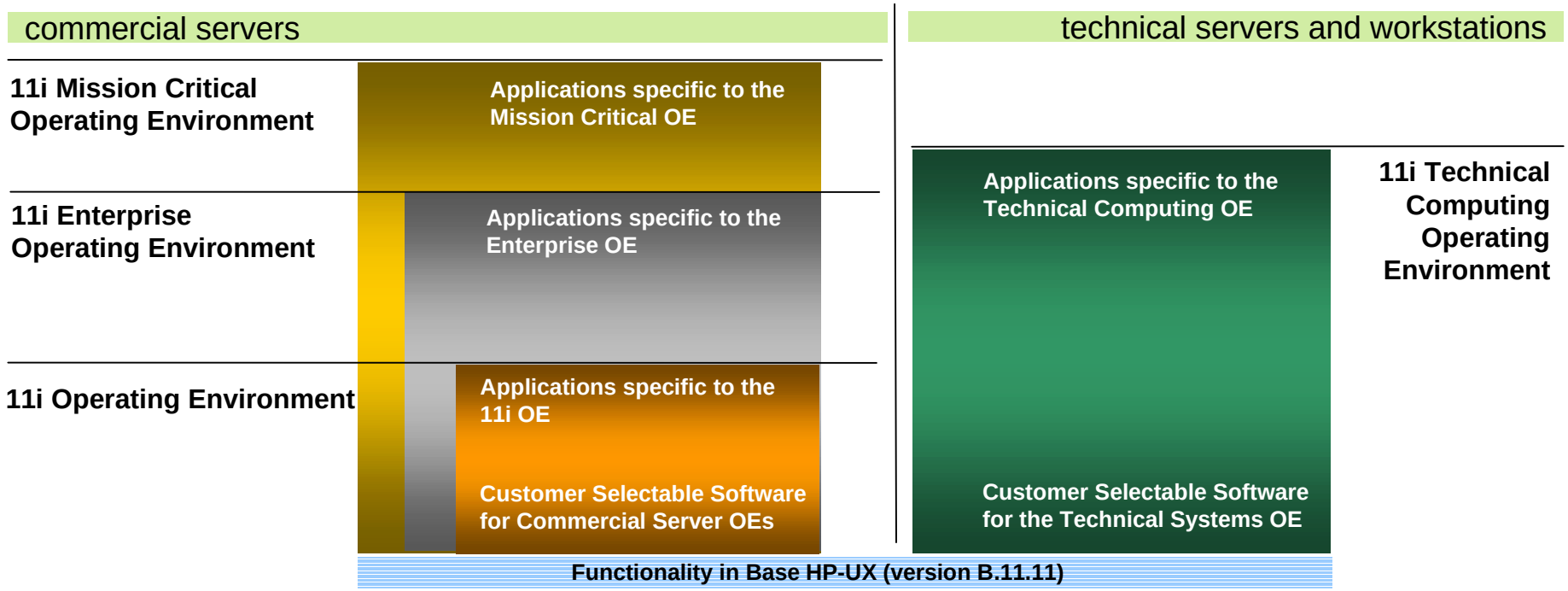
design overview

- Each of the Commercial Server Operating Environment license and media products are designed to be supersets of one another
- The TCOE represents a singular solution for Technical Servers and Workstations
- Base HP-UX and Application content common across all four OEs is synchronized with the same revision level



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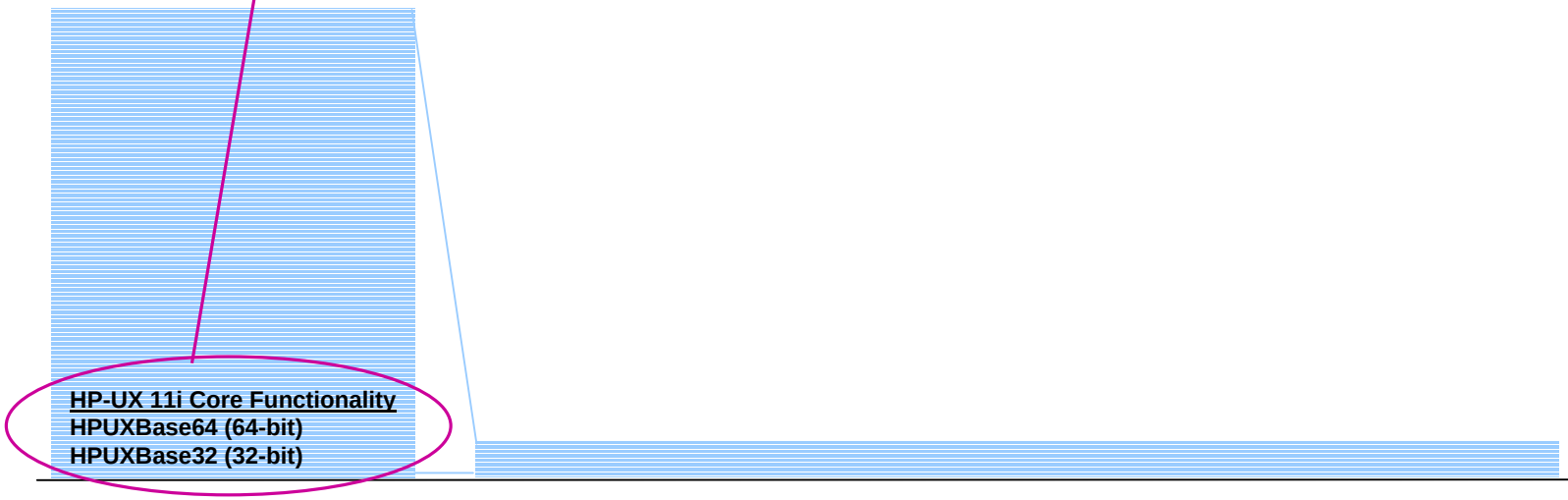
- HP-UX version B.11.11 is at the heart of each HP-UX 11i Operating Environment and provides the sound foundation onto which each OE Solution is built
- Two global base HP-UX bundles are delivered at B.11.11 and are differentiated by bitness: HPUXBase64 for 64-bit capable hardware, and HPUXBase32 for 32-bit capable hardware



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11i (B.11.11) operating system features

major new features of hp-ux 11i (version B.11.11)

- Built-in Unlimited User Level License for HP-UX
- Includes Linux APIs
- Introduces online replacement and addition of I/O cards for N-Class and L-Class servers
- Fully supports the low-end A500 and A400 servers, designed for ISP operation, where performance per rack and serviceability are keys
- Supports L2000 and L1000, an economical N-Class server with an upgrade path to IA-64
- Supports the V2500/V2600 platform
- Offers VERITAS (JFS 3.3) file system support
- Has improved and expanded file system support from CacheFS
- Supports NFS over TCP/IP
- Adds systems management improvements (PRM enhancements)
- Offers secure defaults and intrusion detection
- Has extensive performance tuning for one-way to 32-way configurations

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- Functionality complementary to base HP-UX is included in a separately constructed, always-installed bundle called HPUXBaseAux
- For B.11.11, Software Distributor (swdist) moves from “core” to this separate bundle (a primary reason why HPUXBaseAux is always-installed)
- The entire software contents (product.filesets) of the following products are wholly contained within the HPUXBaseAux bundle: DMI & SCR, EMS Framework, ObAM5, Partition Manager, and Software Distributor (swdist)
- The following products are available on the 11i Application Release media:
  - EMS Framework, product B7609BA
  - DMI & SCR, product B6816AA
  - Partition Manager, product B6826AA

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- In addition to the drivers already installed with HPUXBase64 (or HPUXBase32), there are four always-installed Network and Mass Storage drivers: Gigabit Ethernet, PCI FDDI, PCI FibreChannel (Tachlite), and SCSI RAID
- The individual SD bundle tags for these drivers appear on the OE media as well as on the system following installation:
  - Gigabit Ethernet, SD bundle tag: GigEther-00
  - PCI FDDI, SD bundle tag: FDDI-00
  - PCI FibreChannel (Tachlite), SD bundle tag: FibrChanl-00
  - SCSI RAID, SD bundle tag: RAID-00
- These four always-installed drivers also appear individually on the 11i Application Release media

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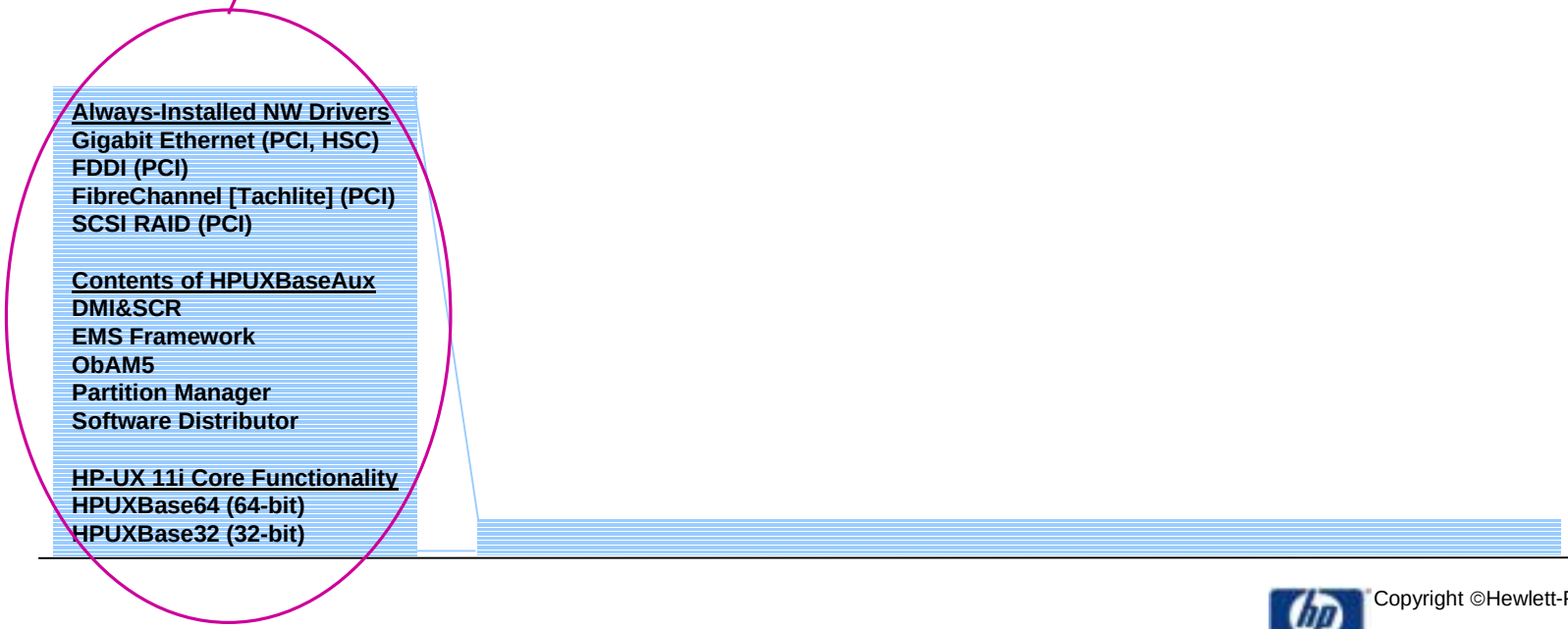
- HP-UX 11i Core Functionality (HPUXBase64, HPUXBase32), HPUXBaseAux, Gigabit Ethernet, PCI FDDI, PCI FibreChannel (Tachlite), and SCSI RAID provide the foundation of each of the four Operating Environments



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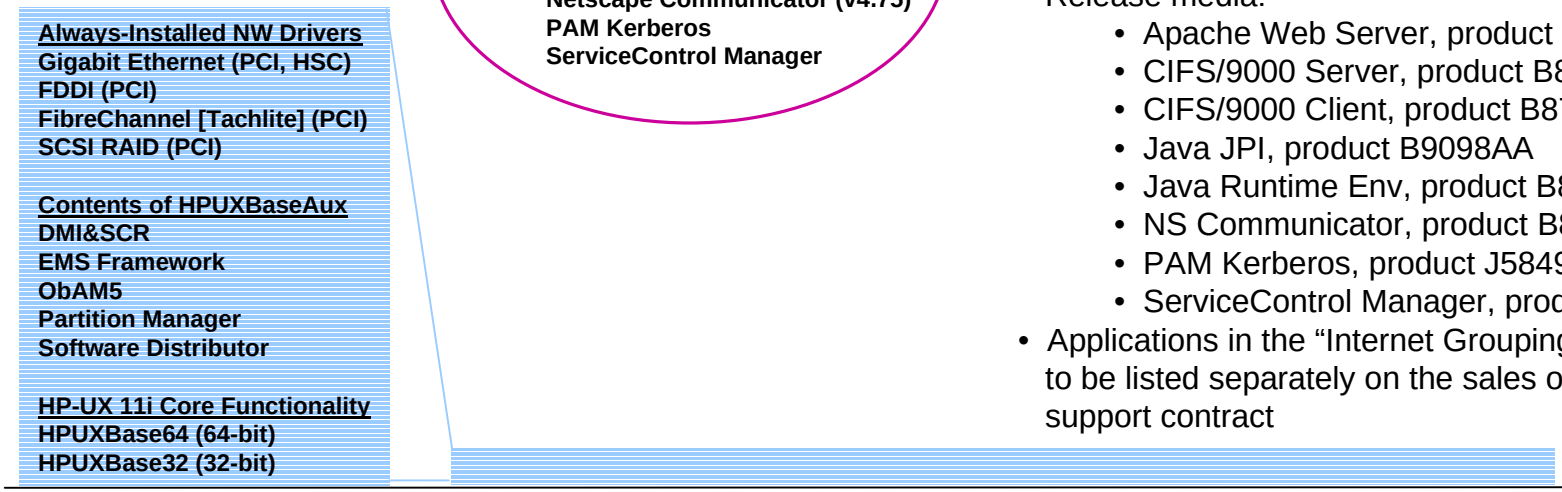

- The “Internet Grouping” contains the applications that comprise the HPUX11i-OE software bundle
- The HPUX11i-OE software bundle is installed with the Minimum OE Install selection (optional, HP-recommended)
- The entire software contents (product.filesets) of the following products are wholly contained within the HPUX11i-OE bundle:
  Apache Web Server, CIFS/9000 Server and Client, Java JPI and Java Runtime Environment, Netscape Communicator, PAM Kerberos, and ServiceControl Manager
- Applications in the “Internet Grouping” are individually available on the 11i Application Release media:
  - Apache Web Server, product B9415AA
  - CIFS/9000 Server, product B8725AA
  - CIFS/9000 Client, product B8724AA
  - Java JPI, product B9098AA
  - Java Runtime Env, product B8111AA
  - NS Communicator, product B8342AA
  - PAM Kerberos, product J5849AA
  - ServiceControl Manager, product B8339BA
- Applications in the “Internet Grouping” do not need to be listed separately on the sales order or support contract

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Always-Installed NW Drivers
Gigabit Ethernet (PCI, HSC)
FDDI (PCI)
FibreChannel [Tachlite] (PCI)
SCSI RAID (PCI)

Contents of HPUXBaseAux
DMI&SCR
EMS Framework
ObAM5
Partition Manager
Software Distributor

HP-UX 11i Core Functionality
HPUXBase64 (64-bit)
HPUXBase32 (32-bit)

Apache Web Server
CIFS/9000 Server
CIFS/9000 Client
Java JPI
Java Runtime Env (v1.2)
Netscape Communicator (v4.75)
PAM Kerberos
ServiceControl Manager

Customer Selectable Software
100Base-T (HP-PB, EISA)
ATM (PCI, HSC)
FDDI (HSC, HP-PB, EISA)
HyperFabric (PCI, HSC)
MUX (PCI, EISA)
TokenRing (PCI, HP-PB, EISA)
HP-UX Install Utilities 11.11 (IUX)
iCOD (Instant Capacity on Demand)
Online Diagnostics
Netscape Directory Server
WebQoS Peak Package Edition

- Customer Selectable Software resides on the OE media (CD-ROM pair) and may be chosen by the customer for installation at the same time as the Base OS Install or Minimum OE Install
- Online Diagnostics are always-installed
- The following Customer Selectable Applications are individually available on the 11i Application Release media:
  - 100Base-T/EISA, product 100BaseT-00
  - 100Base-T/HP-PB, product 100BaseT-01
  - ATM/PCI, product ATM-00
  - ATM/HSC-EISA, product ATM-01
  - FDDI/HSC, product FDDI-01
  - FDDI/HP-PB, product FDDI-02
  - FDDI/EISA, product FDDI-03
  - HyperFabric/PCI-HSC, product HyprFabrc-00
  - MUX/PCI, product TermIO-00
  - MUX/EISA, product TermIO-01
  - TokenRing/PCI, product TokenRing-00
  - TokenRing/HP-PB, product TokenRing-01
  - TokenRing/EISA, product TokenRing-02
  - Ignite-UX, product B5725AA
  - Netscape Directory Server, product J4258BA
  - WebQoS Peak Pkg Ed, product J4274AA
- The following software is individually available on the 11i Support Plus media:
  - iCOD, product B9073AA
  - Online Diagnostics, product OnlineDiag
- Applications listed above do not need to be listed separately on the sales order or support contract

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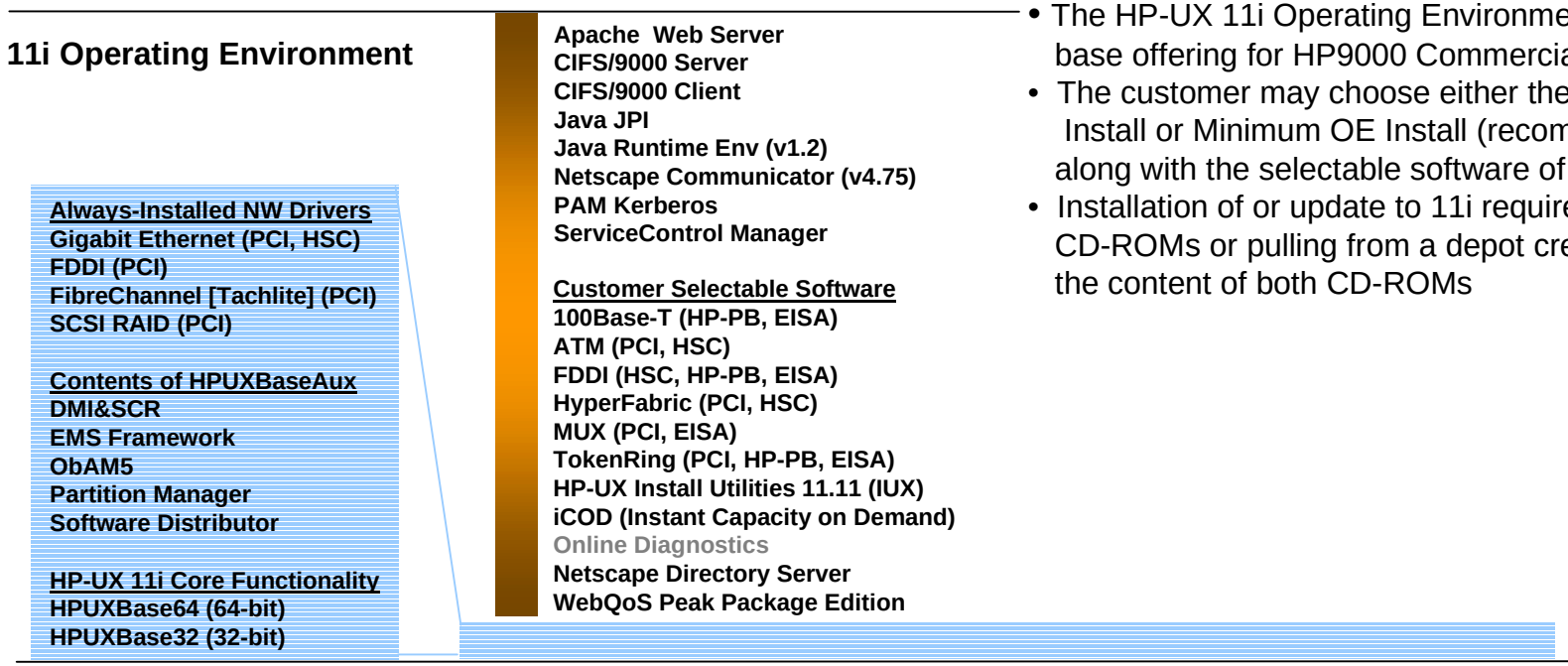

- The HP-UX 11i Operating Environment is the base offering for HP9000 Commercial Servers
- The customer may choose either the Base OS Install or Minimum OE Install (recommended) along with the selectable software of their choice
- Installation of or update to 11i requires both OE CD-ROMs or pulling from a depot created from the content of both CD-ROMs

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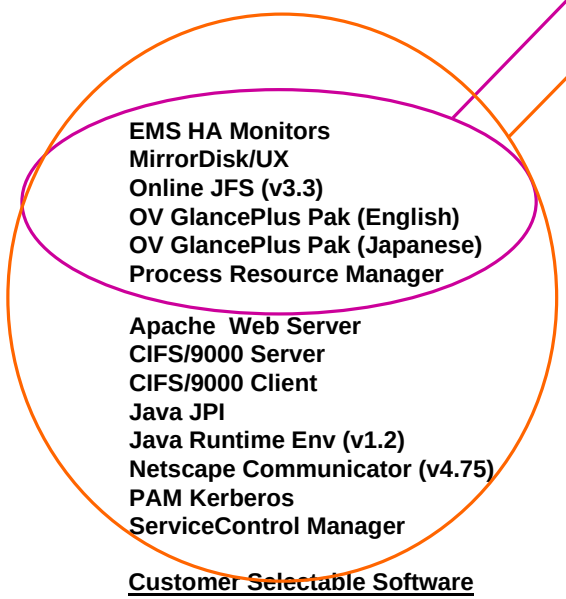

- The “Enterprise Grouping” contains the applications that uniquely identify the Enterprise OE
- The entire software contents (product.filesets) of the following products are wholly contained within the HPUX11i-OE-Ent bundle:
  EMS HA Monitors, MirrorDisk/UX, Online JFS 3.3, OV GlancePlus Pak (English/Japanese), Process Resource Manager, *plus* the entire contents of the HPUX11i-OE bundle
- The HPUX11i-OE-Ent software bundle is installed with the Minimum OE Install selection (optional, HP-recommended)
- Applications in the “Enterprise Grouping” are individually available on the 11i Application Release media:
  - EMS HA Monitors, product B5736DA
  - MirrorDisk/UX, product B2491BA
  - Online JFS 3.3, product B3929CA
  - OV GlancePlus Pak Eng, product B3701AA
  - OV GlancePlus Pak Japn, product B3701AJ
  - Process Resource Manager, product B3835DA
- Applications in the “Enterprise Grouping” do not need to be listed separately on the sales order or support contract (if Enterprise OE LTU purchased)

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11i Enterprise Operating Environment

Always-Installed NW Drivers
Gigabit Ethernet (PCI, HSC)
FDDI (PCI)
FibreChannel [Tachlite] (PCI)
SCSI RAID (PCI)

Contents of HPUXBaseAux
DMI&SCR
EMS Framework
ObAM5
Partition Manager
Software Distributor

HP-UX 11i Core Functionality
HPUXBase64 (64-bit)
HPUXBase32 (32-bit)

EMS HA Monitors
MirrorDisk/UX
Online JFS (v3.3)
OV GlancePlus Pak (English)
OV GlancePlus Pak (Japanese)
Process Resource Manager

Apache Web Server
CIFS/9000 Server
CIFS/9000 Client
Java JPI
Java Runtime Env (v1.2)
Netscape Communicator (v4.75)
PAM Kerberos
ServiceControl Manager

Customer Selectable Software
100Base-T (HP-PB, EISA)
ATM (PCI, HSC)
FDDI (HSC, HP-PB, EISA)
HyperFabric (PCI, HSC)
MUX (PCI, EISA)
TokenRing (PCI, HP-PB, EISA)
HP-UX Install Utilities 11.11 (IUX)
iCOD (Instant Capacity on Demand)
Online Diagnostics
Netscape Directory Server
WebQoS Peak Package Edition

- The HP-UX 11i Enterprise Operating Environment is the system management offering for HP9000 Commercial Servers
- The HP-UX 11i Enterprise OE is a superset of the 11i OE
- The customer may choose either the Base OS Install or Minimum OE Install (recommended) along with the selectable software of their choice
- The customer may install either the Enterprise or 11i OE from the Enterprise CD-ROM media
- Installation of or update to 11i requires both OE CD-ROMs or pulling from a depot created from the content of both CD-ROMs

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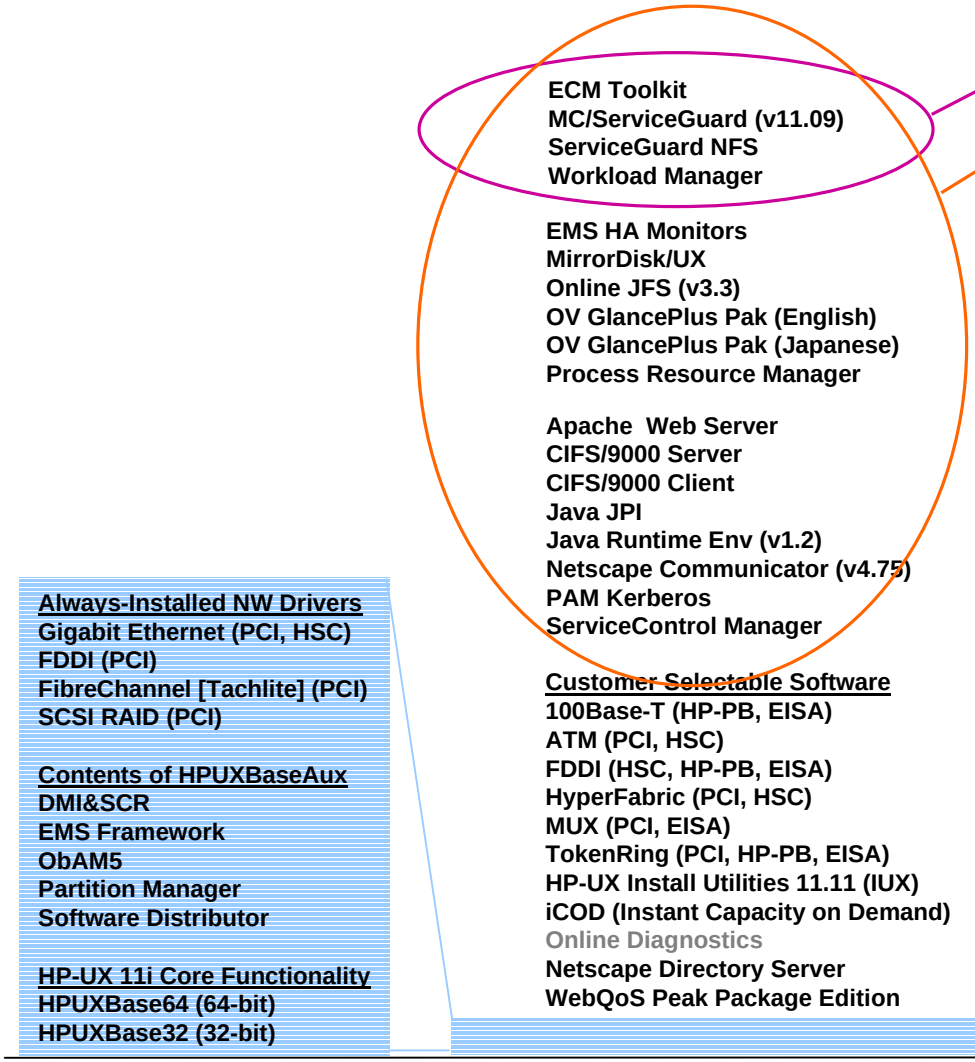

- The “Mission Critical Grouping” contains the applications that uniquely identify the Mission Critical OE
- The entire software contents (product.filesets) of the following products are wholly contained within the HPUX11i-OE-MC bundle:
  ECM Toolkit, MC/ServiceGuard, ServiceGuard NFS, Workload Manager, *plus* the entire contents of the HPUX11i-OE-Ent bundle
- The HPUX11i-OE-MC software bundle is installed with the Minimum OE Install selection (optional, HP-recommended)
- Applications in the “Mission Critical Grouping” are individually available on the 11i Application Release media:
  - ECM Toolkit, product B5139DA
  - MC/ServiceGuard, product B3935DA
  - ServiceGuard NFS, product B5140BA
  - Workload Manager, product B8843CA
- Applications in the “Mission Critical Grouping” do not need to be listed separately on the sales order or support contract (if Mission Critical OE LTU purchased)

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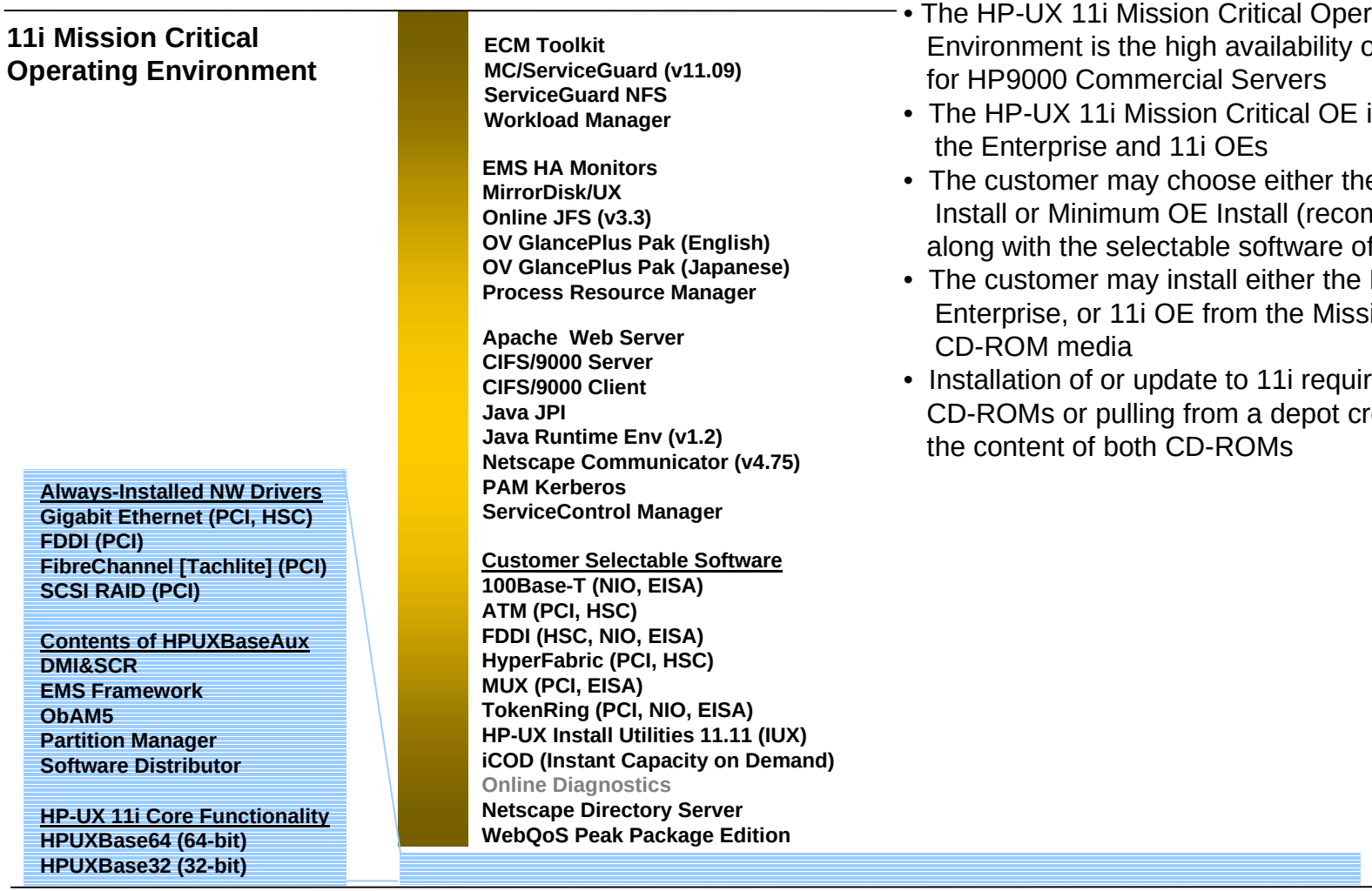
11i Mission Critical Operating Environment



- The HP-UX 11i Mission Critical Operating Environment is the high availability offering for HP9000 Commercial Servers
- The HP-UX 11i Mission Critical OE is a superset of the Enterprise and 11i OEs
- The customer may choose either the Base OS Install or Minimum OE Install (recommended) along with the selectable software of their choice
- The customer may install either the Mission Critical, Enterprise, or 11i OE from the Mission Critical CD-ROM media
- Installation of or update to 11i requires both OE CD-ROMs or pulling from a depot created from the content of both CD-ROMs

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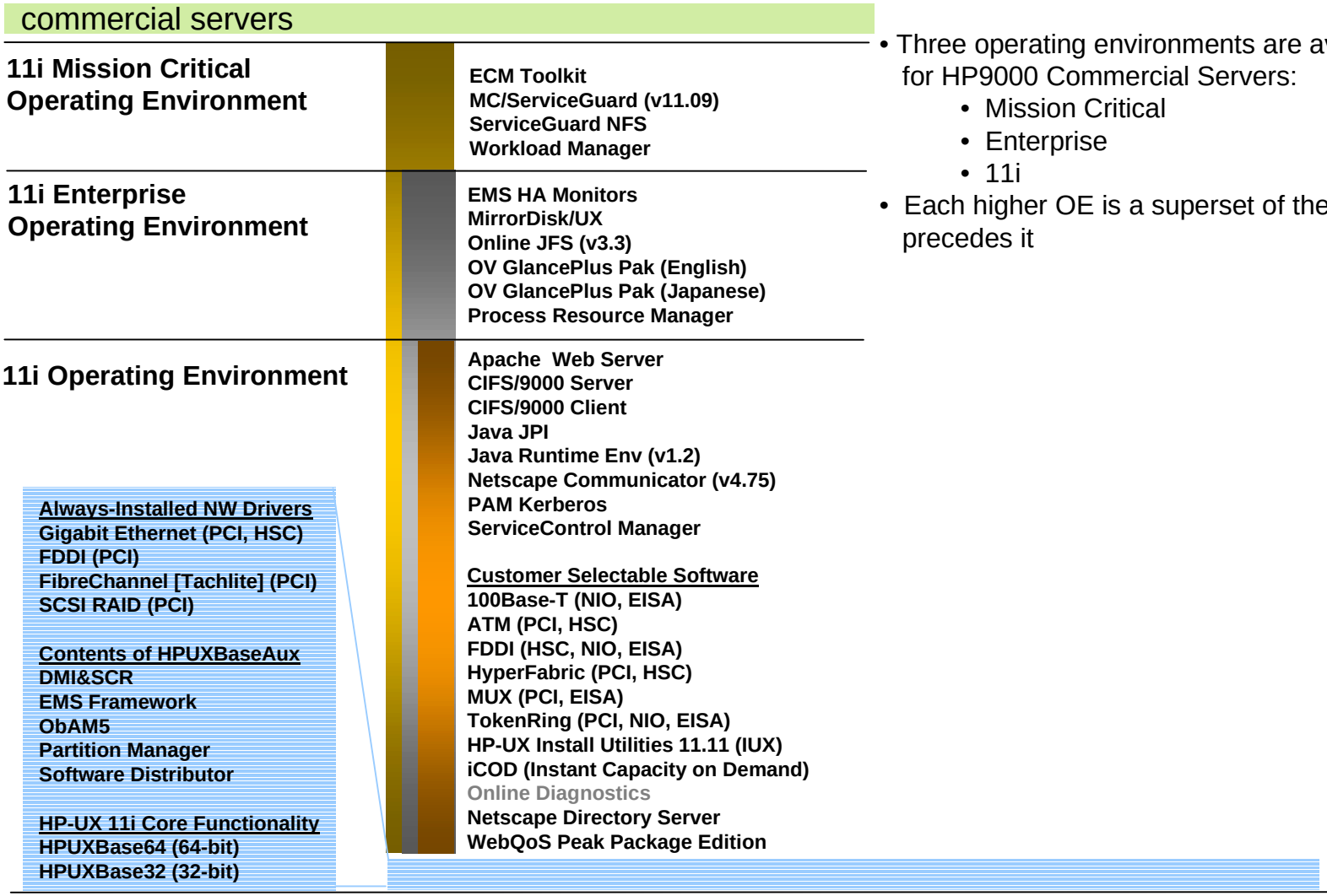
commercial servers



- Three operating environments are available for HP9000 Commercial Servers:
  - Mission Critical
  - Enterprise
  - 11i
- Each higher OE is a superset of the OE that precedes it

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- The shown grouping of software contains the applications that comprise the HPUX11i-TCOE software bundle
- The HPUX11i-TCOE software bundle is installed with the Minimum OE Install selection (optional, HP-recommended)
- The entire software contents (product.filesets) of the products shown to the right are wholly contained within the HPUX11i-TCOE bundle

3D Graphics
Apache Web Server
CIFS/9000 Server
CIFS/9000 Client
FirstSpace VRML Viewer
Java 3D
Java JPI
Java Runtime Env (v1.2)
MLIB
MPI
Netscape Communicator (v4.75)
PAM Kerberos
Visualize Conference

- Applications in the TCOE bundle are individually available on the 11i Application Release media:
  - 3D Graphics, product B6258AA
  - Apache Web Server, product B9415AA
  - CIFS/9000 Server, product B8725AA
  - CIFS/9000 Client, product B8724AA
  - FirstSpace VRML Viewer, product B5304AA
  - Java 3D, product B8752AA
  - Java JPI, product B9098AA
  - Java Runtime Env, product B8111AA
  - MLIB, product B6061AA
  - MPI, product B6060BA
  - NS Communicator, product B8342AA
  - PAM Kerberos, product J5849AA
  - Visualize Conference, product B7580AA
- Applications in the TCOE bundle do not need to be listed separately on the sales order or support contract

Always-Installed NW Drivers
Gigabit Ethernet (PCI, HSC)
FDDI (PCI)
FibreChannel [Tachlite] (PCI)
SCSI RAID (PCI)

Contents of HPUXBaseAux
DMI&SCR
EMS Framework
ObAM5
Partition Manager
Software Distributor

HP-UX 11i Core Functionality
HPUXBase64 (64-bit)
HPUXBase32 (32-bit)

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- Customer Selectable Software resides on the OE media (CD-ROM pair) and may be chosen by the customer for installation at the same time as the Base OS Install or Minimum OE Install
- Online Diagnostics are always-installed
- The following Customer Selectable Applications are individually available on the 11i Application Release media:
  - 100Base-T/EISA, product 100BaseT-00
  - 100Base-T/HP-PB, product 100BaseT-01
  - ATM/PCI, product ATM-00
  - ATM/HSC-EISA, product ATM-01
  - FDDI/HSC, product FDDI-01
  - FDDI/HP-PB, product FDDI-02
  - FDDI/EISA, product FDDI-03
  - HyperFabric/PCI-HSC, product HyprFabrc-00
  - MUX/PCI, product TermIO-00
  - MUX/EISA, product TermIO-01
  - TokenRing/PCI, product TokenRing-00
  - TokenRing/HP-PB, product TokenRing-01
  - TokenRing/EISA, product TokenRing-02
  - Ignite-UX, product B5725AA
  - Netscape Directory Server, product J4258BA
- The following software is individually available on the 11i Support Plus media:
  - iCOD, product B9073AA
  - Online Diagnostics, product OnlineDiag
- Applications listed above do not need to be listed separately on the sales order or support contract

3D Graphics
Apache Web Server
CIFS/9000 Server
CIFS/9000 Client
FirstSpace VRML Viewer
Java 3D
Java JPI
Java Runtime Env (v1.2)
MLIB
MPI
Netscape Communicator (v4.75)
PAM Kerberos
Visualize Conference

Always-Installed NW Drivers
Gigabit Ethernet (PCI, HSC)
FDDI (PCI)
FibreChannel [Tachlite] (PCI)
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Contents of HPUXBaseAux
DMI&SCR
EMS Framework
ObAM5
Partition Manager
Software Distributor

HP-UX 11i Core Functionality
HPUXBase64 (64-bit)
HPUXBase32 (32-bit)

Customer Selectable Software
100Base-T (HP-PB, EISA)
ATM (PCI, HSC)
FDDI (HSC, HP-PB, EISA)
HyperFabric (PCI, HSC)
MUX (PCI, EISA)
TokenRing (PCI, HP-PB, EISA)
HP-UX Install Utilities 11.11 (IUX)
iCOD (Instant Capacity on Demand)
Online Diagnostics
Netscape Directory Server

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technical servers and workstations

- The HP-UX 11i Technical Computing Operating Environment is the offering for HP9000 Technical Servers and Workstations
- The customer may choose either the Base OS Install or Minimum OE Install (recommended) along with the selectable software of their choice
- Installation of or update to 11i requires both OE CD-ROMs or pulling from a depot created from the content of both CD-ROMs

11i Technical Computing Operating Environment

3D Graphics
Apache Web Server
CIFS/9000 Server
CIFS/9000 Client
FirstSpace VRML Viewer
Java 3D
Java JPI
Java Runtime Env (v1.2)
MLIB
MPI
Netscape Communicator (v4.75)
PAM Kerberos
Visualize Conference

Customer Selectable Software
100Base-T (NIO, EISA)
ATM (PCI, HSC)
FDDI (HSC, NIO, EISA)
HyperFabric (PCI, HSC)
MUX (PCI, EISA)
TokenRing (PCI, NIO, EISA)
HP-UX Install Utilities 11.11 (IUX)
iCOD (Instant Capacity on Demand)
Online Diagnostics
Netscape Directory Server

Always-Installed NW Drivers
Gigabit Ethernet (PCI, HSC)
FDDI (PCI)
FibreChannel [Tachlite] (PCI)
SCSI RAID (PCI)

Contents of HPUXBaseAux
DMI&SCR
EMS Framework
ObAM5
Partition Manager
Software Distributor

HP-UX 11i Core Functionality
HPUXBase64 (64-bit)
HPUXBase32 (32-bit)

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hp-ux 11i operating environments content overview

commercial servers

11i Mission Critical Operating Environment

- ECM Toolkit
- MC/ServiceGuard (v11.09)
- ServiceGuard NFS
- Workload Manager

11i Enterprise Operating Environment

- EMS HA Monitors
- MirrorDisk/UX
- Online JFS (v3.3)
- OV GlancePlus Pak (English)
- OV GlancePlus Pak (Japanese)
- Process Resource Manager

11i Operating Environment

- Apache Web Server
- CIFS/9000 Server
- CIFS/9000 Client
- Java JPI
- Java Runtime Env (v1.2)
- Netscape Communicator (v4.75)
- PAM Kerberos
- ServiceControl Manager

Customer Selectable Software

- 100Base-T (HP-PB, EISA)
- ATM (PCI, HSC)
- FDDI (HSC, HP-PB, EISA)
- HyperFabric (PCI, HSC)
- MUX (PCI, EISA)
- TokenRing (PCI, HP-PB, EISA)
- HP-UX Install Utilities 11.11 (IUX)
- iCOD (Instant Capacity on Demand)
- *Online Diagnostics
- Netscape Directory Server
- WebQoS Peak Package Edition

Always-Installed NW Drivers

- Gigabit Ethernet (PCI, HSC)
- FDDI (PCI)
- FibreChannel [Tachlite] (PCI)
- SCSI RAID (PCI)

Contents of HPUXBaseAux

- DMI&SCR
- EMS Framework
- ObAM5
- Partition Manager
- Software Distributor

HP-UX 11i Core Functionality

- HPUXBase64 (64-bit)
- HPUXBase32 (32-bit)

technical servers and workstations

11i Technical Computing Operating Environment

- 3D Graphics
- Apache Web Server
- CIFS/9000 Server
- CIFS/9000 Client
- FirstSpace VRML Viewer
- Java 3D
- Java JPI
- Java Runtime Env (v1.2)
- MLIB
- MPI
- Netscape Communicator (v4.75)
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- Visualize Conference

Customer Selectable Software

- 100Base-T (HP-PB, EISA)
- ATM (PCI, HSC)
- FDDI (HSC, HP-PB, EISA)
- HyperFabric (PCI, HSC)
- MUX (PCI, EISA)
- TokenRing (PCI, HP-PB, EISA)
- HP-UX Install Utilities 11.11 (IUX)
- iCOD (Instant Capacity on Demand)
- *Online Diagnostics
- Netscape Directory Server

**Online Diagnostics are always-installed.*

***Customer Selectable Software** and **Always-Installed NW Drivers** SD Bundle Tags will appear in swlist; SD Bundle Tags for other OE-bundled applications do not appear in swlist.*

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hp-ux 11i oes

hp-ux 11i operating environments

showing application contents by product number/bundle tag

Commercial Servers

11i Mission Critical Operating Environment

- B5139DA ECM Toolkit
- B3935DA MC/ServiceGuard (v11.09)
- B5140BA ServiceGuard NFS
- B8843CA Workload Manager

11i Enterprise Operating Environment

- B5736DA EMS HA Monitors
- B2491BA MirrorDisk/UX
- B3929CA Online JFS (v3.3)
- B3701AA OV GlancePlus Pak (English)
- B3701AJ OV GlancePlus Pak (Japanese)
- B3835DA Process Resource Manager

11i Operating Environment

- *B9415AA Apache Web Server
- B8725AA CIFS/9000 Server
- B8724AA CIFS/9000 Client
- *B9098AA Java JPI
- B8111AA Java Runtime Env (v1.2)
- *B8342AA Netscape Communicator (v4.75)
- *J5849AA PAM Kerberos
- *B8339BA ServiceControl Manager

Customer Selectable Software

- **100Base-T (HP-PB, EISA)
- **ATM (PCI, HSC)
- **FDDI (HSC, HP-PB, EISA)
- **HyperFabric (PCI, HSC)
- **MUX (PCI, EISA)
- **TokenRing (PCI, HP-PB, EISA)
- *HP-UX Install Utilities 11.11 (IUX)
- B9073AA iCOD (Inst. Cap. on Demand)
- *Online Diagnostics
- J4258BA Netscape Directory Server
- J4274AA WebQoS Peak Package Edition

Always-Installed NW Drivers

- **Gigabit Ethernet (PCI, HSC)
- **FDDI (PCI)
- **FibreChannel [Tachlite] (PCI)
- **SCSI RAID (PCI)

Contents of HPUXBaseAux

- *B6816AA DMI&SCR
- *B7609BA EMS Framework
- *B6817AA ObAM5
- *B6826AA Partition Manager
- *Software Distributor

HP-UX 11i Core Functionality

- *HPUXBase64 (64-bit)
- *HPUXBase32 (32-bit)

Technical Servers and Workstations

11i Technical Computing Operating Environment

- B6258AA 3D Graphics
- *B9415AA Apache Web Server
- B8725AA CIFS/9000 Server
- B8724AA CIFS/9000 Client
- *B5304AA FirstSpace VRML Viewer
- *B8752AA Java 3D
- *B9098AA Java JPI
- B8111AA Java Runtime Env (v1.2)
- B6061AA MLIB
- B6060BA MPI
- *B8342AA Netscape Communicator (v4.75)
- *J5849AA PAM Kerberos
- *B7580AA Visualize Conference

Customer Selectable Software

- **100Base-T (HP-PB, EISA)
- **ATM (PCI, HSC)
- **FDDI (HSC, HP-PB, EISA)
- **HyperFabric (PCI, HSC)
- **MUX (PCI, EISA)
- **TokenRing (PCI, HP-PB, EISA)
- *HP-UX Install Utilities 11.11 (IUX)
- B9073AA iCOD (Inst. Cap. on Demand)
- *Online Diagnostics
- J4258BA Netscape Directory Server

Online Diagnostics are always-installed.

**Product number (SD Bundle Tag) does not appear on HP's Corporate Price List.*

***SD Bundle Tag does not appear on HP's Corporate Price List, but individually supported HW product numbers will.*

NOTE: Customer Selectable Software and Always-Installed NW Drivers SD Bundle Tags will appear in swlist; SD Bundle Tags for other OE-bundled applications do not appear in swlist.

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hp-ux 11i oes

hp-ux 11i operating environments
license/media cpl product numbers

commercial servers

11i Mission Critical Operating Environment

Tier-Based License Products
B9092AA HP-UX Mission Critical OE LTU (w/system)
B9093AA HP-UX Mission Critical OE LTU (w/o system)
B9094AA HP-UX Mission Critical OE Upgrade from Enterprise
Per-Processor-Based License Products
B9092AC HP-UX Mission Critical OE LTU 1 CPU (w/system)
B9093AC HP-UX Mission Critical OE LTU 1 CPU (w/o system)
Media Product
B7994AA HP-UX Mission Critical OE Media for Servers

11i Enterprise Operating Environment

Tier-Based License Products
B9090AA HP-UX Enterprise OE LTU (w/system)
B9091AA HP-UX Enterprise OE LTU (w/o system)
Per-Processor-Based License Products
B9090AC HP-UX Enterprise OE LTU 1 CPU (w/system)
B9091AC HP-UX Enterprise OE LTU 1 CPU (w/o system)
Media Product
B7993AA HP-UX Enterprise OE Media for Servers

11i Operating Environment

Tier-Based License Products
B9088AA HP-UX OE LTU (w/system)
B9089AA HP-UX OE LTU (w/o system)
Per-Processor-Based License Products
B9088AC HP-UX OE LTU 1 CPU (w/system)
B9089AC HP-UX OE LTU 1 CPU (w/o system)
Media Product
B3920EA HP-UX OE Media for Servers

technical servers and workstations

11i Technical Computing Operating Environment

Tier-Based License Products
B6822AA HP-UX TCOE LTU (w/system)
B6823AA HP-UX TCOE LTU (w/o system)
Per-Processor-Based License Products
B6822AC HP-UX TCOE LTU 1 CPU (w/system)
B6823AC HP-UX TC OE LTU 1 CPU (w/o system)
Media Product
B6821AA HP-UX TC OE Media

Note: Please see ordering instructions/menus for information on available and required product options.

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hp-ux 11i
oes

software deployment a la carte

before operating environments releases (11.00 and prior)

hp-ux unlimited user license

process resource manager

onlineJFS

MC/ServiceGuard NFS Toolkit

enterprise master toolkit

mirrordisk ux

base hp-ux

EMS HA monitors

MC/ServiceGuard

javaVM

OV/GlancePlus Pak

Insert Core CD

Reboot

Insert App CD #1

DHEYQ3H3312NM

Reboot

Insert App CD #2

3RYQ3H3WQ812NY

Reboot

Drink Latte

Insert App CD #3

SDHEYQ3EW2NR

Reboot

Run Ignite-UX, configure disks and file system, select OS

Launch SD, input first code word, select software

Launch SD, input second code word, select software

Launch SD, input third code word, select software

Too many CD-ROMs, code words, and reboots

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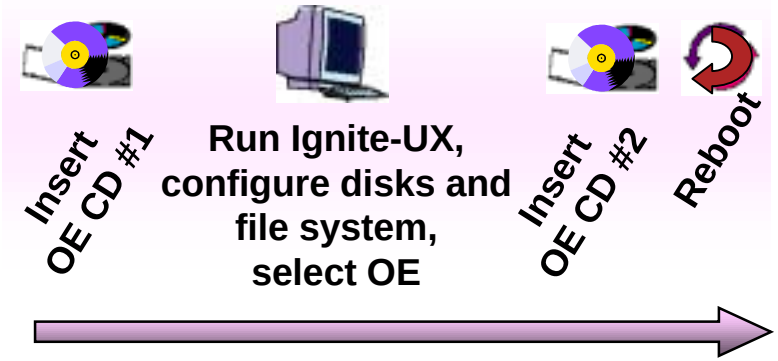
hp-ux 11i
oes

software deployment with operating environments on 11i

hp-ux 11i mission critical oe



Mission Critical OE Install Time Reduced by 50%

- *Comprehensive list of drivers available during cold install*
- *New media structure (see media structure slides for details)*
- *Reduced number of CD-ROMs required during installation*
- *Just one reboot to install all OE software!*
- *Online Diagnostics loaded during cold install*
- *Nuisance messages greatly reduced*
- *Integrated OE Documentation, Release Notes, Read Me First*
- *Significantly improved update experience with new Update-UX*

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hp-ux 11i oes

hp-ux 11i operating environments simplifying sales orders, support contracts

One example using the Mission Critical OE; note the vast reduction in the number of individually listed line items.

before oes (prior to 12/01/00)...

HP-UX 11.00 Operating System and Mission Critical Applications

B3919EA HP-UX License to Use, Servers
B3919EA-AGS Unlimited User License
B3920EA HP-UX Media, Servers
B3920EA-UM4 Version 11.00
B5139DA ECM Toolkit
B3935DA MC/ServiceGuard (v11.09)
B5140BA ServiceGuard NFS
B8843CA Workload Manager
B5736DA EMS HA Monitors
B2491BA MirrorDisk/UX
B3929CA Online JFS (v3.3)
B6133AA OV GlancePlus Pak 2000, Tier 3 Server, LTU
B3701AA OV GlancePlus Pak (English)
B3835DA Process Resource Manager
B8725AA CIFS/9000 Server
B8724AA CIFS/9000 Client
B8111AA Java Runtime Env (v1.2)
J4258BA Netscape Directory Server
J4274AA WebQoS Peak Package Edition
A4926A 1000BaseSX PCI LAN Adapter

...after oes (beginning 12/01/00)

HP-UX 11i Mission Critical Operating Environment

B9092AA HP-UX Mission Critical OE LTU (w/system)
B7994AA HP-UX Mission Critical OE Media for Servers
B7994AA-UM9 Version 11.11
A4926A 1000BaseSX PCI LAN Adapter

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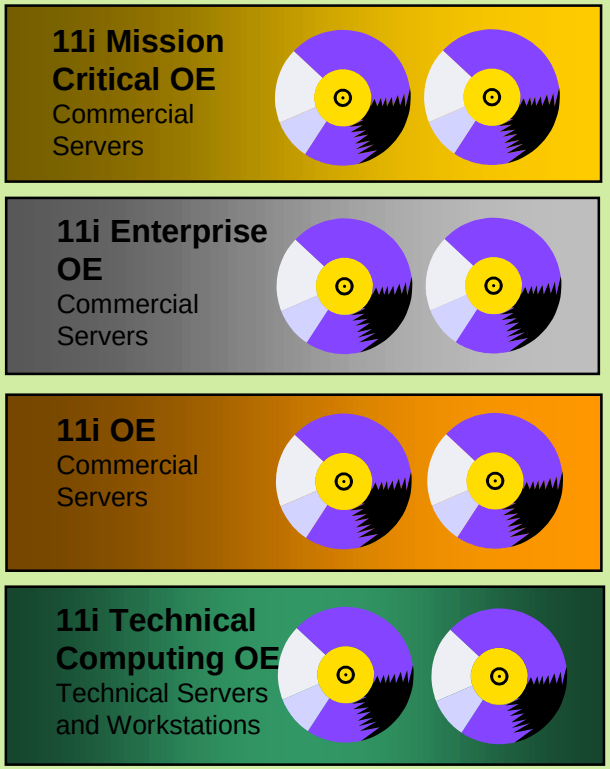
hp-ux 11i oes

11i media solution

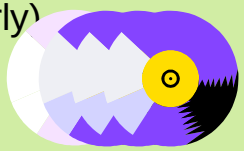
operating environment media

- Release stream specific (B.11.11)
- Global Solution (no localized media)
- 1st CD-ROMs differ primarily by LIF header (OE-specific configuration files and menus for unique 2nd CD-ROMs)



application media

- Release stream specific (B.11.11) for Servers and Workstations
- Number of CD-ROMs varies by stream (a function of the number of applications available on that stream)
- AR (enterprise release or quarterly)



instant info

- Release stream specific (11.11)
- Both Servers and Workstations

support plus

- Release stream specific (B.11.11)
- Both Servers and Workstations
- HW Critical Bundle
- Diagnostics
- Network Driver patches
- Application Patches

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hp-ux 11i oes

hp-ux operating environment media information (page 1/2)

- LIF Header is unique on each OE 1st CD-ROM
- OE Bundles:
  - 11i SW Grouping = HPUX11i-OE bundle
  - 11i SW Grouping + Enterprise SW Grouping = HPUX11i-OE-Ent Bundle
  - 11i SW Grouping + Enterprise SW Grouping + Mission Critical SW Grouping = HPUX11i-OE-MC Bundle
- Ignite-UX space calculations may overstate size requirements due to the way that CDE is split (many product.filesets are redundant between the CDE bundles)
- A minimum of 4GB disk is required to install an Operating Environment
- A minimum of 128MB RAM is required to install 11i; however, 256MB is recommended (especially for full Enterprise and Mission Critical OE installations).
- Online Diagnostics are always installed. iCOD (instant capacity on demand) is Customer Selectable. Online Diagnostics will appear on the SupportPlus media, which will also include SCAN tools. SCAN tools will not be on OE media.
- All factory ignited systems will be loaded with the Minimum OE Install (that correlates to the highest media product purchased)
- There is no easy way to select individual products within OE bundles to load or remove; this ability is under review
- Both OE CD-ROMs (for any given OE) are required for any installation or update.

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hp-ux 11i oes

hp-ux operating environment media information (page 2/2)

- It is a manual process to 'downgrade OEs'
- Commercial Server OEs are not supported on Technical Systems; Technical Computing OE is supported on ALL systems
- OE bundles are integrated with the product.filesets contained within each Application product exactly as those individual products are available.

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hp-ux 11i oes

hp-ux 11i operating environment bundle names and bundle contents

Customer Selectable Bundles common to all OEs

Customer Selectable Bundles common to Commercial Server OEs only

FibrChanl-00 (FibreChannel Tachlite, PCI)	**TokenRing-00** (TokenRing, PCI)	**ATM-00** (ATM, PCI)	**FDDI-00** (FDDI, PCI)
GigEther-00 (Gigabit Ethernet PCI, HSC)	**TokenRing-01** (TokenRing, HP-PB)	**ATM-01** (ATM, HSC/EISA)	**FDDI-01** (FDDI, HSC)
100BaseT-00 (100Base-T, EISA)	**TokenRing-02** (TokenRing, EISA)	**RAID-00** (SCSI RAID, PCI)	**FDDI-02** (FDDI, HP-PB)
100BaseT-01 (100Base-T, HP-PB)	**HyprFabrc-00** (HyperFabric, PCI/HSC)	**TermIO-00** (PCI MUX)	**FDDI-03** (FDDI, EISA)
OnlineDiag (Online Diagnostics)	**J4258BA** (Netscape Directory Server)	**TermIO-01** (EISA MUX)	
B9073AA (iCOD)	**B5725A*** (Ignite-UX, all versions)	**CDE Bundles****	

J4274AA (WebQoS Peak Pkg Ed)

HPUXBaseAux
- DMI&SCR
- EMS Framework
- ObAM5
- Partition Manager
- Software Distributor

HPUX11i-OE
- Apache Web Server
- CIFS/9000 Server
- CIFS/9000 Client
- Java JPI
- Java Runtime Env (v1.2)
- Netscape Comm. (v4.75)
- PAM Kerberos
- ServiceControl Manager

HPUX11i-OE-Ent
- EMS HA Monitors
- MirrorDisk/UX
- Online JFS (v3.3)
- OV GlancePlus Pak (English)
- OV GlancePlus Pak (Japanese)
- Process Resource Manager
- Apache Web Server
- CIFS/9000 Server
- CIFS/9000 Client
- Java JPI
- Java Runtime Env (v1.2)
- Netscape Comm. (v4.75)
- PAM Kerberos
- ServiceControl Manager

HPUX11i-OE-MC
- ECM Toolkit
- MC/ServiceGuard (v11.09)
- ServiceGuard NFS
- Workload Manager
- EMS HA Monitors
- MirrorDisk/UX
- Online JFS (v3.3)
- OV GlancePlus Pak (English)
- OV GlancePlus Pak (Japanese)
- Process Resource Manager
- Apache Web Server
- CIFS/9000 Server
- CIFS/9000 Client
- Java JPI
- Java Runtime Env (v1.2)
- Netscape Comm. (v4.75)
- PAM Kerberos
- ServiceControl Manager

HPUX11i-TCOE
- 3D Graphics
- Apache Web Server
- CIFS/9000 Server
- CIFS/9000 Client
- FirstSpace VRML Viewer
- Java 3D
- Java JPI
- Java Runtime Env (v1.2)
- MLIB
- MPI
- Netscape Comm. (v4.75)
- PAM Kerberos
- Visualize Conference

HPUXBase64 HPUXBase32

**Individual Ignite-UX associated bundles also available: Ignite-UX-11-11, Ignite-UX-11-00, Ignite-UX-10-20.*

***10 CDE Bundles reside on all OE 2nd CD-ROM media: CDE-English, CDE-French, CDE-German, CDE-Italian, CDE-Japanese, CDE-Korean, CDE-ChineseS, CDE-Spanish, CDE-Swedish, and CDE-ChineseT.*

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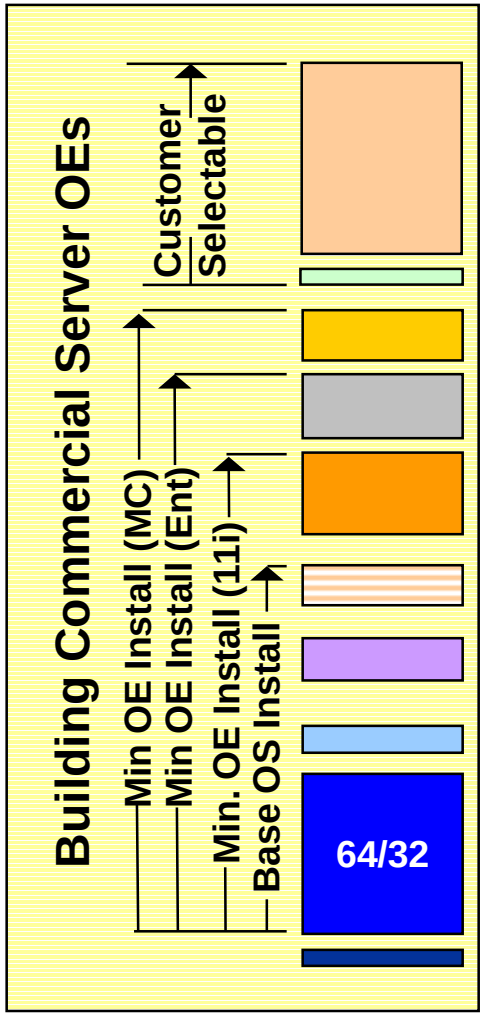
hp-ux 11i oes

commercial server oe install, media



1st CD-ROM

- Customer Selectable Network Drivers
- Always-Installed Network Drivers
- HPUXBaseAux
- HPUXBase64, 32
- LIF Header (Unique to each OE)

2nd CD-ROM

- Customer Selectable Software
- Customer Selectable CDE
- Always-Installed CDE and Online Diagnostics
- Mission Critical Software Grouping
- Enterprise Software Grouping
- 11i Software Grouping

Mission Critical Operating Environment media and install choices shown.

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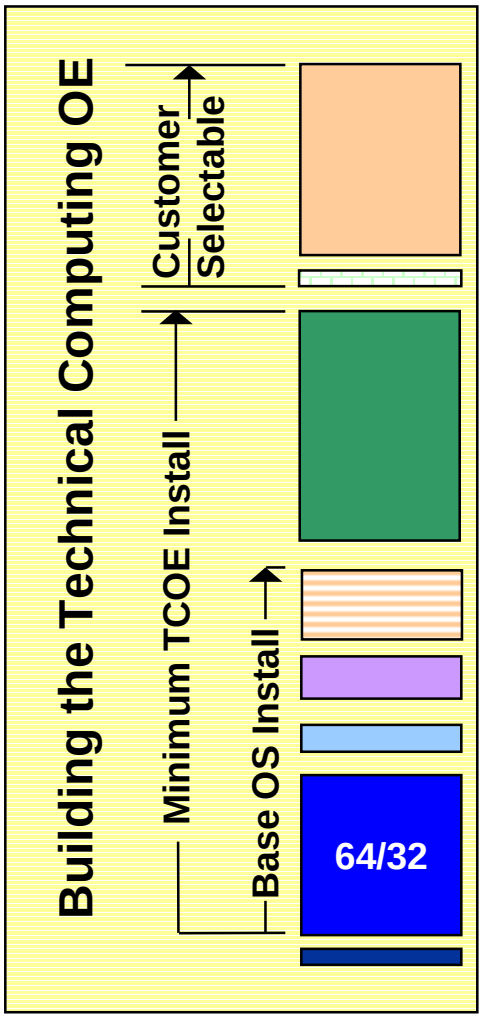
hp-ux 11i
oes

technical computing oe
install, media



1st CD-ROM

- Customer Selectable Network Drivers
- Always-Installed Network Drivers
- HPUXBaseAux
- HPUXBase64, 32
- LIF Header (Unique to each OE)

2nd CD-ROM

- Customer Selectable Software
- Always-Installed CDE and Online Diagnostics
- Technical Computing Software Grouping

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hp-ux 11i
oes

per processor licensing
concept

concept

- Software licensing is based upon the number of processors in a system
- Software licensing is independent of the number of copies being used
- Software licensing/pricing is independent of the processor's performance rating -- all processors are licensed equally
- Per Processor Licensing available 12/01/00 coincident with the introduction of Superdome Systems and HP-UX Operating Environments (PPL available only on Superdome systems at this time)

why processor based licensing is the best solution:

- Supports dynamic software re-configure on a Superdome
- Supports heterogeneous operating systems on an IA-64 based Superdome
- Better enables enterprise licensing, server consolidation, metered usage, and virtual environment than the per-copy or per-box alternatives
- Best potential for software product CPL, sales order, and software contract simplification

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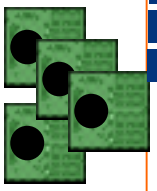
hp-ux 11i oes

per processor licensing
timeline

timeline

12/00



per processor licensed OEs configured with superdome systems

tier-based licensed OEs configured with legacy systems

per processor licensed products and options*, available with superdome systems

hp-ux operating environment for servers available**

hp-ux enterprise operating environment for servers available (11i only)

hp-ux mission critical operating environment for servers available (11i only)

hp-ux technical computing operating environment for technical systems available (11i only)

hp-ux 10.20 and 11.00 operating system for technical systems remain available***

simplified software support pricing and structure model for hp9000 systems

superdome systems ship release

Select applications only; see the "per processor licensing overview, rules, available applications" slide for details.

****HP-UX 10.20 and 11.00 for Servers remain available; use B9088AA (LTU w/system purchase) or B9089AA (LTU w/o system purchase) with appropriate options, B3920EA media, and existing documentation products. Unlimited User Level License (UUL) now included with all HP-UX 10.20/11.00 OE LTUs, and UUL is installed on all factory integrated ("ignited") 10.20/11.00 Servers.***

*****HP-UX 10.20 and 11.00 for Workstations remain available; use B6837AA (LTU), B3782FA media, and existing documentation products. Unlimited User Level license installed on all factory integrated ("ignited") HP-UX 10.20/11.00 Workstations.***

As of 12/01/00, User-Level Licenses for HP-UX are discontinued (B3919EA and B3884FA).

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hp-ux 11i
oes

per processor licensing
overview, rules, available applications

overview

- **ppl available 12/01/00**
- **ppl available for Superdome systems only**
- **All ppl-based license product numbers have 'C' as the final character in their product # or a 2AH option in Active status**

rules

- **For PPL-based license products (BxxxxAC), order qty 1 license product per qty 1 active processor/iCOD processor* in the system configuration**
- **For PPL-based license products with 2AH option, order qty 1 2AH option per qty 1 active processor/iCOD processor* in the system configuration**

operating environments (available 12/01/00)

Product#	Description	Qty Price Break Available
B9088AC	HP-UX OE LTU 1 CPU (w/system)	Y
B9089AC	HP-UX OE LTU 1 CPU (w/o system)	Y
B9090AC	HP-UX Enterprise OE LTU 1 CPU (w/system)	Y
B9091AC	HP-UX Enterprise OE LTU 1 CPU (w/o system)	Y
B9092AC	HP-UX Mission Critical OE LTU 1 CPU (w/system)	Y
B9093AC	HP-UX Mission Critical OE LTU 1 CPU (w/o system)	Y
B6822AC	HP-UX TCOE LTU 1 CPU (w/system)	Y
B6823AC	HP-UX TC OE LTU 1 CPU (w/o system)	Y

per-processor license based applications (available 12/01/00)

Product#	Option	Description	OE License	Qty Price Break Available
B2491BA	2AH	MirrorDisk/UX	EOE/MCOE	Y
B3394BA	2AH	HP-UX Developer's Toolkit LTU Server	N/A	N
B3835DA	2AH	Process Resource Manager	EOE, MCOE	Y
B3901BA	2AH	HP C/ANSI C Developer Bundle Server LTU	N/A	N
B3929CA	2AH	Online JFS (v3.3)	EOE/MCOE	Y
B3935DA	2AH	MC/ServiceGuard	MCOE	Y
B5161EA	2AH	ServiceGuard OPS Ed. LTU for HP-UX 11.x	N/A	N
B8843CA	2AH	Workload Manager	MCOE	Y

At a minimum, the customer is required to purchase ppl-based software licenses equal to the number of active processors. Override permitted if customer chooses to purchase licenses only for active (non-iCOD) processors.

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hp-ux 11i oes

hp-ux 11i operating environment at-a-glance

what the customer sees on a sales order*

Available HP-UX 11i OE License Products if purchasing OE with System

All Classes except Superdome (tier-based licensing)
B9088AA HP-UX OE LTU (w/system)

Superdome (per processor licensing)
B9088AC HP-UX OE LTU 1 CPU (w/system)

Available HP-UX 11i OE License Products if purchasing OE without System

All Classes except Superdome (tier-based licensing)
B9089AA HP-UX OE LTU (w/o system)

Superdome (per processor licensing)
B9089AC HP-UX OE LTU 1 CPU (w/o system)

Available HP-UX 11i OE Media Product

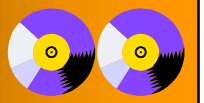
B3920EA HP-UX OE Media for Servers

Available HP-UX Documentation Products

See existing localized 11.0 Documentation products.

what the customer sees on CD-ROM media

11i OE
Commercial Servers



Important Notes regarding HP-UX 11i OE Media

Although the two CD-ROMs are “global” and contain all localization choices, there remain 5 different localized kits due to hardcopy documentation (ABA - English/European, ABJ - Japanese, AB1 - Korean, AB0 - Chinese (Taiwan), and AB2 - Chinese).

OE CD-ROM #1 contains: Base O/S, Network Drivers, and Ignite-UX.

OE CD-ROM #2 contains: HP-UX11i-OE Bundle, CDE, Online Diagnostics, and Customer Selectable Software.

Neither OE CD-ROM requires a codeword to access included software.

what the customer sees on their system**

HPUX11i-OE
Apache Web Server
CIFS/9000 Server
CIFS/9000 Client
Java JPI
Java Runtime Env (v1.2)
Netscape Comm. (v4.75)
PAM Kerberos
ServiceControl Manager

OnlineDiag (Online Diagnostics)

FibrChanl-00 (FibreChannel Tachlite, PCI)

FDDI-00 (FDDI, PCI)

RAID-00 (SCSI RAID, PCI)

GigEther-00 (Gigabit Ethernet PCI, HSC)

CDE-English

HPUXBaseAux
DMI&SCR
EMS Framework
ObAM5
Partition Manager
Software Distributor

HPUXBase64 or **HPUXBase32**

*Network Driver cards (hardware) ordered separately (not shown).
**Minimal 11i OE Install shown; customer may select all other available products for installation in the same session. Bundle names visible on customer system are underlined. HP recommends installing an OE as the “base” for any 11i-based (version B.11.11) Software Solution.

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hp-ux 11i oes

hp-ux 11i enterprise operating environment at-a-glance

what the customer sees on a sales order*

Available HP-UX 11i Enterprise OE License Products if purchasing OE with System

All Classes except Superdome (tier-based licensing)
B9090AA HP-UX Enterprise OE LTU

Superdome (per processor licensing)
B9090AC HP-UX Enterprise OE LTU 1 CPU

Available HP-UX 11i Enterprise OE License Products if purchasing OE without System

All Classes except Superdome (tier-based licensing)
B9091AA HP-UX Enterprise OE LTU

Superdome (per processor licensing)
B9091AC HP-UX Enterprise OE LTU 1 CPU

Available HP-UX 11i Enterprise OE Media

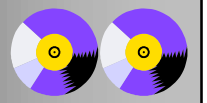
B7993AA HP-UX Enterprise OE Media for Servers

Available HP-UX Documentation Products

See existing localized 11.0 Documentation products.

what the customer sees on CD-ROM media

11i Enterprise OE
Commercial Servers



Important Notes regarding HP-UX 11i Enterprise OE Media

Although the two CD-ROMs are “global” and contain all localization choices, there remain 5 different localized kits due to hardcopy documentation (ABA - English/European, ABJ - Japanese, AB1 - Korean, AB0 - Chinese (Taiwan), and AB2 - Chinese).

OE CD-ROM #1 contains: Base O/S, Network Drivers, and Ignite-UX.

OE CD-ROM #2 contains: HPUX11i-OE-Ent Bundle, HPUX11i-OE Bundle, CDE, Online Diagnostics, and Customer Selectable Software.

Neither OE CD-ROM requires a codeword to access included software.

Customer may use the Enterprise Media to install the Enterprise or the 11i OE Bundles.

what the customer sees on their system**

HPUX11i-OE-Ent
EMS HA Monitors
MirrorDisk/UX
Online JFS (v3.3)
OV GlancePlus Pak (English and Japanese)
Process Resource Manager
Apache Web Server
CIFS/9000 Server and Client
Java JPI, Java Runtime Env (v1.2)
Netscape Comm. (v4.75)
PAM Kerberos
ServiceControl Manager

OnlineDiag (Online Diagnostics)

FibrChanl-00 (FibreChannel Tachlite, PCI)

FDDI-00 (FDDI, PCI)

RAID-00 (SCSI RAID, PCI)

GigEther-00 (Gigabit Ethernet PCI, HSC)

CDE-English

HPUXBaseAux
DMI&SCR
EMS Framework
ObAM5
Partition Manager
Software Distributor

HPUXBase64 or HPUXBase32

*Network Driver cards (hardware) ordered separately (not shown).
**Minimal 11i Enterprise OE Install shown; customer may select all other available products for installation in the same session. Bundle names visible on customer system are underlined. HP recommends installing an OE as the “base” for any 11i-based (version B.11.11) Software Solution.

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hp-ux 11i oes

hp-ux 11i mission critical operating environment at-a-glance

what the customer sees on a sales order*

Available HP-UX 11i Mission Critical OE License Products if purchasing OE with System

All Classes except Superdome (tier-based licensing)
B9092AA HP-UX Mission Critical OE LTU

Superdome (per processor licensing)
B9092AC HP-UX Mission Critical OE LTU 1 CPU

Available HP-UX 11i Mission Critical OE License Products if purchasing OE without System

All Classes except Superdome (tier-based licensing)
B9093AA HP-UX Mission Critical OE LTU

Superdome (per processor licensing)
B9093AC HP-UX Mission Critical OE LTU 1 CPU

Available HP-UX 11i Mission Critical OE Media

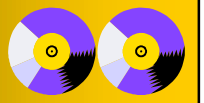
B7994AA HP-UX Mission Critical OE Media, Servers

Available HP-UX Documentation Products

See existing localized 11.0 Documentation products.

what the customer sees on CD-ROM media

11i Mission Critical OE
Commercial Servers



Important Notes regarding HP-UX 11i Mission Critical OE Media

Although the two CD-ROMs are “global” and contain all localization choices, there remain 5 different localized kits due to hardcopy documentation (ABA - English/European, ABJ - Japanese, AB1 - Korean, AB0 - Chinese (Taiwan), and AB2 - Chinese).

OE CD-ROM #1 contains: Base O/S, Network Drivers, and Ignite-UX.

OE CD-ROM #2 contains: HPUX11i-OE-MC, HPUX11i-OE-Ent, and HPUX11i-OE Bundles; CDE, Online Diagnostics, and Customer Selectable Software.

Neither OE CD-ROM requires a codeword to access included software.

Customer may use the Mission Critical Media to install the Mission Critical, Enterprise, or the 11i OE Bundles.

what the customer sees on their system**

HPUX11i-OE-MC
ECM Toolkit
MC/ServiceGuard (v11.09)
ServiceGuard NFS
Workload Manager
EMS HA Monitors
MirrorDisk/UX, Online JFS (v3.3)
OV GlancePlus Pak (English and Japanese)
Process Resource Manager
Apache Web Server
CIFS/9000 Server and Client
Java JPI, Java Runtime Env (v1.2)
Netscape Comm. (v4.75)
PAM Kerberos, ServiceControl Manager

OnlineDiag (Online Diagnostics)

FibrChanl-00 (FibreChannel Tachlite, PCI)

FDDI-00 (FDDI, PCI)

RAID-00 (SCSI RAID, PCI)

GigEther-00 (Gigabit Ethernet PCI, HSC)

CDE-English

HPUXBaseAux
DMI&SCR
EMS Framework
ObAM5
Partition Manager
Software Distributor

HPUXBase64 or **HPUXBase32**

**Network Driver cards (hardware) ordered separately (not shown).*
***Minimal 11i Mission Critical OE Install shown; customer may select all other available products for installation in the same session. Bundle names visible on customer system are underlined. HP recommends installing an OE as the “base” for any 11i-based (version B.11.11) Software Solution.*

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hp-ux 11i oes

hp-ux 11i technical computing operating environment at-a-glance

what the customer sees on a sales order*

Available HP-UX 11i Technical Computing OE License Products if purchasing OE with System

All Classes except Superdome (tier-based licensing)
B6822AA HP-UX TCOE LTU

Superdome (per processor licensing)
B6822AC HP-UX TCOE LTU 1 CPU

Available HP-UX 11i Technical Computing OE License Products if purchasing OE without System

All Classes except Superdome (tier-based licensing)
B6823AA HP-UX TCOE LTU

Superdome (per processor licensing)
B6823AC HP-UX TC OE LTU 1 CPU

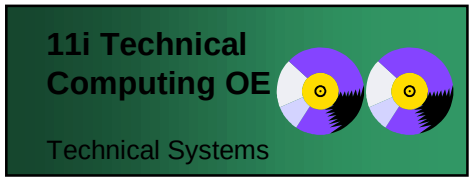
Available HP-UX 11i Technical Computing OE Media

B6821AA HP-UX TC OE Media

Available HP-UX Documentation Products

B2355GA HP-UX 11i English manuals
B2355GD HP-UX 11i German manuals
B2355GF HP-UX 11i French manuals
B2355GJ HP-UX 11i Japanese manuals

what the customer sees on CD-ROM media



Important Notes regarding HP-UX 11i Technical Computing OE Media

Although the two CD-ROMs are “global” and contain all localization choices, there remain 5 different localized kits due to hardcopy documentation (ABA - English/European, ABJ - Japanese, AB1 - Korean, AB0 - Chinese (Taiwan), and AB2 - Chinese).

OE CD-ROM #1 contains: Base O/S, Network Drivers, and Ignite-UX.

OE CD-ROM #2 contains: HPUX11i-TCOE Bundle, CDE, Online Diagnostics, and Customer Selectable Software.

Neither OE CD-ROM requires a codeword to access included software.

what the customer sees on their system**

HPUX11i-TCOE
3D Graphics
Apache Web Server
CIFS/9000 Server
CIFS/9000 Client
FirstSpace VRML Viewer
Java 3D, Java JPI, Java Runtime Env (v1.2)
MLIB
MPI
Netscape Comm. (v4.75)
PAM Kerberos
Visualize Conference

OnlineDiag (Online Diagnostics)

FibrChanl-00 (FibreChannel Tachlite, PCI)

FDDI-00 (FDDI, PCI)

RAID-00 (SCSI RAID, PCI)

GigEther-00 (Gigabit Ethernet PCI, HSC)

All 10 CDE Bundles

HPUXBaseAux
DMI&SCR
EMS Framework
ObAM5
Partition Manager
Software Distributor

HPUXBase64 or HPUXBase32

*Network Driver cards (hardware) ordered separately (not shown).
**Minimal 11i TCOE Install shown; customer may select all other available products for installation in the same session. Bundle names visible on customer system are underlined. HP recommends installing an OE as the “base” for any 11i-based (version B.11.11) Software Solution.

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hp-ux 11i operating environments

network drivers and mass storage (page 1/2)

100Base-T for EISA Bus

11i Bundle Name
100BaseT-00
Associated 10.20/11.00 HW and SW Products
A4308B, J2780BA

100Base-T for HP-PB Bus

11i Bundle Name
100BaseT-01
Associated 10.20/11.00 HW and SW Products
A3495A, J2759BA

ATM for PCI Bus

11i Bundle Name
ATM-00
Associated 10.20/11.00 HW and SW Products
A5483A, A5513A, A5515A, J3557A, J3572BA

ATM for HSC and EISA Buses

11i Bundle Name
ATM-01
Associated 10.20/11.00 HW and SW Products
J2468A, J2469A, J2499A, J3420B, J3573A, J2806CA

FDDI for PCI Bus

11i Bundle Name
FDDI-00
Associated 10.20/11.00 HW and SW Products
A3739B, J3626AA

FDDI for HSC Bus

11i Bundle Name
FDDI-01
Associated 10.20/11.00 HW and SW Products
A3723A, A3722A, J3629BA, J3701BA

FDDI for HP-PB Bus

11i Bundle Name
FDDI-02
Associated 10.20/11.00 HW and SW Products
J2157B, J2658BA

FDDI for EISA Bus

11i Bundle Name
FDDI-03
Associated 10.20/11.00 HW and SW Products
A3659A, B5502BA, J2647BA

FibreChannel (TachLite) for PCI Bus

11i Bundle Name
FibrChanl-00
Associated 11.00 HW Product
A5158A

Gigabit Ethernet for PCI and HSC Buses

11i Bundle Name
GigEther-00
Associated 10.20/11.00 HW and SW Products
A4924A, A4925A, A4926A, A4929A, J1642AA

Key **Always Installed Drivers** **Customer Selectable Drivers**

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network drivers and mass storage (page 2/2)

HyperFabric for PCI and HSC Buses

11i Bundle Name

HyprFabrc-00

Associated 10.20/11.00 HW and SW Products

A4919A, A4920A, A4921A, A6092A, B6257AA

SCSI RAID for PCI Bus

11i Bundle Name

RAID-00

Associated 11.00 HW Product

A5856A

MUX for PCI Bus

11i Bundle Name

TermIO-00

Associated 10.20/11.00 HW and SW Products

J3592A, J3593A, J3596A

MUX for EISA Bus

11i Bundle Name

TermIO-01

Associated 10.20/11.00 HW and SW Products

J2482A, J2483A, J2467C

TokenRing for PCI Bus

11i Bundle Name

TokenRing-00

Associated 10.20/11.00 HW and SW Products

A5783A, J1644AA

TokenRing for HP-PB Bus

11i Bundle Name

TokenRing-01

Associated 10.20/11.00 HW and SW Products

J2166B, J2250B

TokenRing for EISA Bus

11i Bundle Name

TokenRing-02

Associated 10.20/11.00 HW and SW Products

J2165B

Drivers included in Base HP-UX

10Base-T for all supported buses

Included in HPUXBase64 and HPUXBase32

10/100Base-T for PCI and HSC Buses

Included in HPUXBase64 and HPUXBase32

Supports A3738A, A5230A, A5506A, B5509BA, A5838A, J4253AA, J4254AA, J3620BA, J3623BA, J3514A, J3515A, J3516A, J3850A

FibreChannel (Tachyon) for HSC Bus

Included in HPUXBase64 and HPUXBase32

SCSI

Included in HPUXBase64 and HPUXBase32

Key **Always Installed Drivers** **Customer Selectable Drivers**

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11i (B.11.11) release contents

o/s and oe specific software

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bundle name, bundle short description, bundle revision, supported architecture, vendor

CDE-ChineseS, Simplified Chinese CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
CDE-ChineseT, Traditional Chinese CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
CDE-English, English CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
CDE-French, French CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
CDE-German, German CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
CDE-Italian, Italian CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
CDE-Japanese, Japanese CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
CDE-Korean, Korean CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
CDE-Spanish, Spanish CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
CDE-Swedish, Swedish CDE, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
HPUX11i-OE, 11i Operating Environment Bundle, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
HPUX11i-OE-Ent, Enterprise OE Bundle, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
HPUX11i-OE-MC, Mission Critical OE Bundle, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
HPUX11i-TCOE, Technical Computing OE Bundle, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
HPUXBase32, HP-UX Base Bundle 32 Bit, r=B.11.11, a=HP-UX_B.11.11_32, v=HP
HPUXBase64, HP-UX Base Bundle 64 Bit, r=B.11.11, a=HP-UX_B.11.11_64, v=HP
HPUXBaseAux, Complementary HP-UX Base Bundle, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
Ignite-UX-10-20, Ignite-UX for 10.20 Servers, r=B.3.0.502, a=HP-UX_B.11.11_32/64, v=HP
Ignite-UX-11-00, Ignite-UX for 11.00 Servers, r=B.3.0.502, a=HP-UX_B.11.11_32/64, v=HP
Ignite-UX-11-11, Ignite-UX for 11.11 Servers, r=B.3.0.502, a=HP-UX_B.11.11_32/64, v=HP
Ignite-UX-OSArch, Ignite-UX Functionality, r=B.3.0.175, a=HP-UX_B.11.11_32/64, v=HP
KRMonitor, KR Monitor (part of diagnostics), r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
OnlineDiag, Online Diagnostics, r=B.11.11.00.04,a=HP-UX_B.11.11_32/64,v=HP
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11i (B.11.11) release contents

application software (page 1/5)

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bundle name, bundle short description, bundle revision, supported architecture, vendor

100BaseT-00, 100Base-T Driver for EISA Bus, r=B.11.11.01, a=HP-UX_B.11.11_32, v=HP
100BaseT-01, 100Base-T Driver for HP-PB Bus, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
32070B, OSI Transport Services, r=C.11.00, a=HP-UX_B.11.11_32/64, v=HP
ATM-00, ATM Driver for PCI Bus, r=K.11.11, a=HP-UX_B.11.11_32/64, v=HP
ATM-01, ATM Driver for HSC and EISA Buses, r=K.11.11, a=HP-UX_B.11.11_32/64, v=HP
B2430EB, OO Cobol Dev LTU, r=B.13.40.02, a=HP-UX_B.11.11_32/64, v=HP
B2432EB, OO Cobol RTS, r=B.13.40.02, a=HP-UX_B.11.11_32/64, v=HP
B2433EB, OO Cobol Dev, r=B.13.40.02, a=HP-UX_B.11.11_32/64, v=HP
B2435EB, OO Cobol RTS, r=B.13.40.02, a=HP-UX_B.11.11_32/64, v=HP
B2491BA, MirrorDisk/UX for Servers, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
B3394BA, HP-UX Developer's Kit, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
B3691AA, OV GlancePlus M/M English Wkstns, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3691AA_TRY, OV GlancePlus M/M English Wkstns Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3691AJ, OV GlancePlus M/M Japanese Wkstns, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3691AJ_TRY, OV GlancePlus M/M Japanese Wkstns Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3693AA, OV GlancePlus M/M English Servers, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3693AA_TRY, OV GlancePlus M/M English Servers Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3693AJ, OV GlancePlus M/M Japanese Servers, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3693AJ_TRY, OV GlancePlus M/M Japanese Servers Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3699AA, OV GlancePlus Pak 2000 M/M English Wkstns, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3699AA_TRY, OV GlancePlus Pak 2000 M/M English Wkstns Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3699AJ, OV GlancePlus Pak 2000 M/M Japanese Wkstns, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3699AJ_TRY, OV GlancePlus Pak 2000 M/M Japanese Wkstns Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3701AA, OV GlancePlus Pak 2000 M/M English Servers, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3701AA_TRY, OV GlancePlus Pak 2000 M/M English Servers Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3701AJ, OV GlancePlus Pak 2000 M/M Japanese Servers, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3701AJ_TRY, OV GlancePlus Pak 2000 M/M Japanese Servers Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B3835DA, Process Resource Manager, r=C.01.08.2, a=HP-UX_B.11.11_32/64, v=HP
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11i (B.11.11) release contents

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bundle name, bundle short description, bundle revision, supported architecture, vendor

B3899BA, C/ANSI C Dev Wkstns, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
B3901BA, C/ANSI C Dev Servers, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
B3903BA, Pascal Developers Toolkit Wkstns, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
B3905BA, Pascal Developers Toolkit Servers, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
B3907DB, Fortran 90 Wkstns, r=B.11.11.24, a=HP-UX_B.11.11_32/64, v=HP
B3909DB, Fortran 90 Servers, r=B.11.11.24, a=HP-UX_B.11.11_32/64, v=HP
B3911DB, aC++ Wkstns, r=C.03.26, a=HP-UX_B.11.11_32/64, v=HP
B3913DB, aC++ Servers, r=C.03.26, a=HP-UX_B.11.11_32/64, v=HP
B3929CA, Online JFS 3.3 Servers, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
B3935DA, ServiceGuard, r=A.11.09, a=HP-UX_B.11.11_32/64, v=HP
B4265CA, ITO-SE Media, r=A.05.53, a=HP-UX_B.11.11_32/64, v=HP
B4265DA, ITO-SE Media, r=A.05.53, a=HP-UX_B.11.11_32/64, v=HP
B4580AA, Software Transition Kit, r=B.11.06.00, a=HP-UX_B.11.11_32/64, v=HP
B4580AAEng, English STK, r=B.11.06.00, a=HP-UX_B.11.11_32/64, v=HP
B4580AAJpn, Japanese STK, r=B.11.06.00, a=HP-UX_B.11.11_32/64, v=HP
B4965AA, OV MeasureWare* M/M English Wkstns, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B4965AA_TRY, OV MeasureWare* M/M English Wkstns Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B4965AJ, OV MeasureWare* M/M Japanese Wkstns, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B4965AJ_TRY, OV MeasureWare* M/M Japanese Wkstns Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B4967AA, OV MeasureWare* M/M English Servers, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B4967AA_TRY, OV MeasureWare* M/M English Servers Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B4967AJ, OV MeasureWare* M/M Japanese Servers, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B4967AJ_TRY, OV MeasureWare* M/M Japanese Servers Trial, r=C.02.65.00, a=HP-UX_B.11.11_32/64, v=HP
B5007AA, OV PerfView Analyzer* Wkstns, r=C.02.00.01, a=HP-UX_B.11.11_32/64, v=HP
B5007AA_TRY, OV PerfView Analyzer* Wkstns Trial, r=C.02.00.01, a=HP-UX_B.11.11_32/64, v=HP
B5009AA, OV PerfView Monitor* Wkstns, r=C.02.00.01, a=HP-UX_B.11.11_32/64, v=HP
B5011AA, OV PerfView Planner* Wkstns, r=C.02.00.01, a=HP-UX_B.11.11_32/64, v=HP
B5013AA, OV PerfView Analyzer* Servers, r=C.02.00.01, a=HP-UX_B.11.11_32/64, v=HP
B5013AA_TRY, OV PerfView Analyzer* Servers Trial, r=C.02.00.01, a=HP-UX_B.11.11_32/64, v=HP
```

***Note: OV PerfView Analyzer and Planner functionality equivalent to VantagePoint Performance Manager**
OV PerfView Monitor functionality equivalent to VantagePoint Performance Monitor
OV MeasureWare functionality equivalent to VantagePoint Performance Agent

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11i (B.11.11) release contents

application software (page 3/5)

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bundle name, bundle short description, bundle revision, supported architecture, vendor

B5015AA, OV PerfView Monitor* Servers, r=C.02.00.01, a=HP-UX_B.11.11_32/64, v=HP
B5017AA, OV PerfView Planner* Servers, r=C.02.00.01, a=HP-UX_B.11.11_32/64, v=HP
B5118CA, Online JFS 3.3 Wkstns, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
B5139DA, ECM Toolkit, r=B.01.05, a=HP-UX_B.11.11_32/64, v=HP
B5140BA, ServiceGuard NFS, r=A.11.11, a=HP-UX_B.11.11_32/64, v=HP
B5161EA, ServiceGuard OPS Ed LTU, r=A.11.09, a=HP-UX_B.11.11_32/64, v=HP
B5304AA, FirstSpace VRML Viewer, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
B5357AA, HP MPower Web Wkstns, r=B.11.11.02, a=HP-UX_B.11.11_32/64, v=HP
B5357AAA, associated MPower English, r=B.11.11.02, a=HP-UX_B.11.11_32/64, v=HP
B5357AAD, associated MPower German, r=B.11.11.02, a=HP-UX_B.11.11_32/64, v=HP
B5357AAF, associated MPower French, r=B.11.11.02, a=HP-UX_B.11.11_32/64, v=HP
B5357AAJ, associated MPower Japanese, r=B.11.11.02, a=HP-UX_B.11.11_32/64, v=HP
B5403BA, MirrorDisk/UX Wkstns, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
B5484A, Praesidium Speedcard K Class (HSC), r=B.11.11.04, a=HP-UX_B.11.11_32/64, v=HP
B5485A, Praesidium Speedcard D/R Class (HSC), r=B.11.11.04, a=HP-UX_B.11.11_32/64, v=HP
B5486A, Praesidium Speedcard (PCI), r=B.11.11.04, a=HP-UX_B.11.11_32/64, v=HP
B5725AA, HP-UX Installation Utilities (Ignite-UX), r=B.3.0.502, a=HP-UX_B.11.11_32/64, v=HP
B5736DA, EMS HA Monitors, r=A.03.20.01, a=HP-UX_B.11.11_32/64, v=HP
B6060BA, MPI, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
B6061AA, MLIB, r=B.07.01, a=HP-UX_B.11.11_32/64, v=HP
B6264BA, MetroCluster SRDF, r=A.01.01, a=HP-UX_B.11.11_32/64, v=HP
B6268AA, Graphics and Technical Computing SW, r=B.11.11.04, a=HP-UX_B.11.11_32/64, v=HP
B6445EB, C Softbench Servers, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
B6446EB, C Softbench Japanese Servers, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
B6447EB, C++ Softbench Servers, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
B6448EB, C++ Softbench Japanese Servers, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
B6449EB, C Softbench Wkstns, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
B6450EB, C Softbench Japanese Wkstns, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
B6451EB, C++ Softbench Wkstns, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
B6452EB, C++ Softbench Japanese Wkstns, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
B6816AA, SCR and DMI, r=B.11.11.30, a=HP-UX_B.11.11_32/64, v=HP
```

***Note: OV PerfView Analyzer and Planner functionality equivalent to VantagePoint Performance Manager**
OV PerfView Monitor functionality equivalent to VantagePoint Performance Monitor
OV MeasureWare functionality equivalent to VantagePoint Performance Agent

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11i (B.11.11) release contents

application software (page 4/5)

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bundle name, bundle short description, bundle revision, supported architecture, vendor

B6817AA, Object Act Manager UI Framework, r=B.11.00.05.2.06, a=HP-UX_B.11.11_32/64, v=HP
B6826AA, Superdome Partition Manager, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
B6960AA, OV Omniback II, r=A.03.50, a=HP-UX_B.11.11_32/64, v=HP
B7580AA, VisualConference/UX, r=B.11.11.06, a=HP-UX_B.11.11_32/64, v=HP
B7609BA, EMS Framework, r=A.03.20.01, a=HP-UX_B.11.11_32/64, v=HP
B7659BA, Continental Clusters, r=A.02.00, a=HP-UX_B.11.11_32/64, v=HP
B7697BA, PRM Libraries, r=C.01.08.2, a=HP-UX_B.11.11_32/64, v=HP
B7961AA, HP Veritas VxVM (Lite Version), r=B.03.10.5, a=HP-UX_B.11.11_32/64, v=HP
B8109BA, MetroCluster XP-256, r=A.01.00, a=HP-UX_B.11.11_32/64, v=HP
B8110AA, Java version 1.2 Dev Kit, r=1.2.2.04Ha, a=HP-UX_B.11.11_32/64, v=HP
B8111AA, Java version 1.2 Runtime Env, r=1.2.2.04Ha, a=HP-UX_B.11.11_32/64, v=HP
B8313AA, Netscape Enterprise Web Server 4.0 Intl, r=04.01.02.0.2, a=HP-UX_B.11.11_32/64, v=HP
B8324BA, Cluster Obj Manager, r=A.01.00, a=HP-UX_B.11.11_32/64, v=HP
B8339BA, ServiceControl Manager, r=A.01.01.06, a=HP-UX_B.11.11_32/64, v=HP
B8342AA, Netscape Communicator, r=B.11.11.05, a=HP-UX_B.11.11_32/64, v=HP
B8724AA, CIFS/9000 Client, r=A.01.04, a=HP-UX_B.11.11_32/64, v=HP
B8725AA, CIFS/9000 Server, r=A.01.04, a=HP-UX_B.11.11_32/64, v=HP
B8752AA, Java 3D RTS, r=1.1.3a, a=HP-UX_B.11.11_32/64, v=HP
B8843CA, Workload Manager, r=A.01.00.02, a=HP-UX_B.11.11_32/64, v=HP
B9073AA, iCOD, r=B.02.01, a=HP-UX_B.11.11_32/64, v=HP
B9098AA, Java JPI, r=1.2.2.04Ha, a=HP-UX_B.11.11_32/64, v=HP
B9116AA, HP Veritas VxVM (Full Version), r=B.03.10.5, a=HP-UX_B.11.11_32/64, v=HP
B9415AA, Apache Web Server, r=01.03.12.03, a=HP-UX_B.11.11_32/64, v=HP
FDDI-00, FDDI Driver for PCI Bus, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
FDDI-01, FDDI Driver for HSC Bus, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
FDDI-02, FDDI Driver for HP-PB Bus, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
FDDI-03, FDDI Driver for EISA Bus, r=B.11.11.01, a=HP-UX_B.11.11_32, v=HP
FibrChanl-00, FibreChannel Driver (Tachlite) for PCI Bus, r=B.11.11.03, a=HP-UX_B.11.11_64, v=HP
GigEther-00, Gigabit Ethernet Driver for PCI/HSC Buses, r=B.11.11.14, a=HP-UX_B.11.11_32/64, v=HP
HyprFabrc-00, HyperFabric Driver for PCI/HSC Buses, r=B.11.11.00, a=HP-UX_B.11.11_32/64, v=HP
ITOSEEng, component of ITO-SE, r=A.05.53, a=HP-UX_B.11.11_32/64, v=HP
ITOSEEngJavaUI, component of ITO-SE, r=A.05.53, a=HP-UX_B.11.11_32/64, v=HP
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application software (page 5/5)

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bundle name, bundle short description, bundle revision, supported architecture, vendor

J2120B, DTC Manager/UX, r=A.14.4J.110, a=HP-UX_B.11.11_32/64, v=HP
J2160B, OSI Transport Services, r=C.11.00, a=HP-UX_B.11.11_32/64, v=HP
J2496B, DTC16 RX Manager, r=A.14.3J.110, a=HP-UX_B.11.11_32/64, v=HP
J2793B, X.25, r=B.11.11.00, a=HP-UX_B.11.11_32/64, v=HP
J2804A, ATM Driver for HP-PB Bus, r=K.11.11, a=HP-UX_B.11.11_32, v=HP
J2805BA, ATM Driver for HP-PB Bus, r=K.11.11, a=HP-UX_B.11.11_32, v=HP
J3529A, Frame Relay, r=B.11.11.00, a=HP-UX_B.11.11_32/64, v=HP
J4240AA, Auto Port Aggregation, r=B.11.11.00, a=HP-UX_B.11.11_32/64, v=HP
J4258BA, Netscape Directory Server, r=B.04.11, a=HP-UX_B.11.11_32/64, v=HP
J4262AA, HP Praesidium CDSA, r=B.11.11.00, a=HP-UX_B.11.11_32/64, v=HP
J4270AA, HP WebQoS Peak UX LTU, r=B.01.02.06, a=HP-UX_B.11.11_32/64, v=HP
J4271AA, Netscape Enterprise Web Server 4.0 US/Canada, r=04.01.02.0.2, a=HP-UX_B.11.11_32/64, v=HP
J4274AA, WebQoS Peak Package Edition LTU, r=B.01.02.06, a=HP-UX_B.11.11_32/64, v=HP
J5849AA, PAM Kerberos, r=B.11.11, a=HP-UX_B.11.11_32/64, v=HP
RAID-00, SCSI RAID Driver for PCI Bus, r=B.11.11.00, a=HP-UX_B.11.11_64, v=HP
SBGNU, GNU Source for Softbench, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
SoftBench-GNUSRC, component GNU Source, r=E.06.60.01, a=HP-UX_B.11.11_32/64, v=HP
TermIO-00, MUX Driver for PCI Bus, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
TermIO-01, MUX Driver for EISA Bus, r=B.11.11.01, a=HP-UX_B.11.11_32, v=HP
TokenRing-00, TokenRing Driver for PCI Bus, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
TokenRing-01, TokenRing Driver for HP-PB Bus, r=B.11.11.01, a=HP-UX_B.11.11_32/64, v=HP
TokenRing-02, TokenRing Driver for EISA Bus, r=B.11.11.01, a=HP-UX_B.11.11_32, v=HP
Z7126A, NIO Commkit 4.0, r=B.11.11.02, a=HP-UX_B.11.11_32/64, v=HP
Z7476AA, ACC and X.25 Bundle, r=B.03.30.00, a=HP-UX_B.11.11_32/64, v=HP
Z7478AA, ACC Base Software, r=B.03.30.00, a=HP-UX_B.11.11_32/64, v=HP
Z7480AA, ACC/X.25 Link Software LTU, r=B.03.30.00, a=HP-UX_B.11.11_32/64, v=HP
Z7486AA, ACC Protocols for App Developers, r=B.03.30.00, a=HP-UX_B.11.11_32/64, v=HP
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Mapping Sample

- Mapping will be given for each OE bundle such that customers can identify individual applications' product.fileset content
- This highly customized, customer-specific method of installation or removal of OE bundle components is not guaranteed to meet all required software dependencies

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##############################################################################

#Description:        Java 2 RTE for HP-UX (700/800), PA1.1 + PA2.0 Add On

Java2RTE_base.JAVA2-JRE-BASE,r=1.2.2.04.02,a=HP-UX_B.11.11_32/64,v=HP
Java2RTE_doc.JAVA2-JRE-DOC,r=1.2.2.04.02,a=HP-UX_B.11.11_32/64,v=HP
Java2RTE_perf.JAVA2-JRE,r=1.2.2.04.02,a=HP-UX_B.11.11_32/64,v=HP

##############################################################################

#Description:        HP-UX ServiceControl Manager

ServControlMgr.MX-AGENT,r=A.01.01.01,a=HP-UX_B.11.00_32/64,v=HP
ServControlMgr.MX-CMS,r=A.01.01.01,a=HP-UX_B.11.00_32/64,v=HP
ServControlMgr.MX-ENG-MAN,r=A.01.01.01,a=HP-UX_B.11.00_32/64,v=HP
ServControlMgr.MX-TOOLS,r=A.01.01.01,a=HP-UX_B.11.00_32/64,v=HP
```

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glossary of terms

Operating Environment (OE) An integrated and tested software solution containing HP-UX operating system software and selected applications that are marketed and supported via OE-specific license and media product(s)

HP-UX 11i Mission Critical OE An Operating Environment marketed and supported only for Commercial Servers containing HPUXBase, HPUXBaseAux Bundle, Mission Critical Software Bundle, Always-Installed Network Drivers, Customer Selectable Software

HP-UX 11i Enterprise OE An Operating Environment marketed and supported only for Commercial Servers containing HPUXBase, HPUXBaseAux Bundle, Enterprise Software Bundle, Always-Installed Network Drivers, Customer Selectable Software

HP-UX 11i OE An Operating Environment marketed and supported only for Commercial Servers containing HPUXBase, HPUXBaseAux Bundle, 11i Software Bundle, Always-Installed Network Drivers, Customer Selectable Software

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HP-UX 11i Technical Computing OE An Operating Environment marketed and supported on Technical Computing Servers and Workstations containing HPUXBase, HPUXBaseAux Bundle, Technical Computing Software Bundle, Always-Installed Network Drivers, Customer Selectable Software

Internet Grouping Group of applications that comprise the definitive list of what is in the 11i OE (Commercial Servers only); this term synonymous with “11i Software Bundle”

Enterprise Grouping Group of applications that comprise the definitive list of what is in the Enterprise OE (Commercial Servers only)

Mission Critical Grouping Group of applications that comprise the definitive list of what is in the Mission Critical OE (Commercial Servers only)

11i Software Bundle A bundle of product.filesets that comprise the applications included in the 11i Grouping; this term synonymous with “11i Software Grouping”. SD Bundle Tag: HPUX11i-OE

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Enterprise Software Bundle A bundle of product.filesets that comprise the applications included in the 11i and Enterprise Groupings
SD Bundle Tag: HPUX11i-OE-Ent
Mission Critical Software Bundle A bundle of product.filesets that comprise the applications included in the 11i, Enterprise, and Mission Critical Groupings. SD Bundle Tag: HPUX11i-OE-MC
Tech Computing Software Bundle A bundle of product.filesets for the Technical Computing OE. SD Bundle Tag: HPUX11i-TCOE
HPUXBase Base HP-UX "core" operating system software that includes, at a minimum, 32 and 64 bit versions of the kernel and the LIF header. Relevant SD Bundle Tags: HPUXBase64 HPUXBase32
HPUXBaseAux Bundle A bundle that contains software components and Applications that complement functionality in HPUXBase and will always be loaded onto systems during cold install and factory ignition process.
Base OS Install Install of a combination of HPUXBase, HPUXBaseAux, Always-Installed Network Drivers, ACE Patch Bundle, and CDE (English only for Commercial Servers, all localized CDE bundles for Technical Systems)

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Minimum OE Install Install of a combination of HPUXBase64 or HPUXBase32 (dependent upon HW), HPUXBaseAux, Always-Installed Network Drivers, CDE (English only for Commercial Servers, All for Technical Systems), and the highest content OE Software Bundle designated by the IUX Menu Selector.

1st CD-ROM CD-ROM that contains, at a minimum, HPUXBase64, HPUXBase 32, HPUXBaseAux, and Always-Installed Network Drivers.

2nd CD-ROM CD-ROM that contains, at a minimum, CDE and the OE Software Bundle.

Customer Selectable Referring to the install process, applications optionally selected and loaded by the customer

Always-Installed NW Drivers Network Drivers that are always installed during the cold install and factory ignition processes.

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