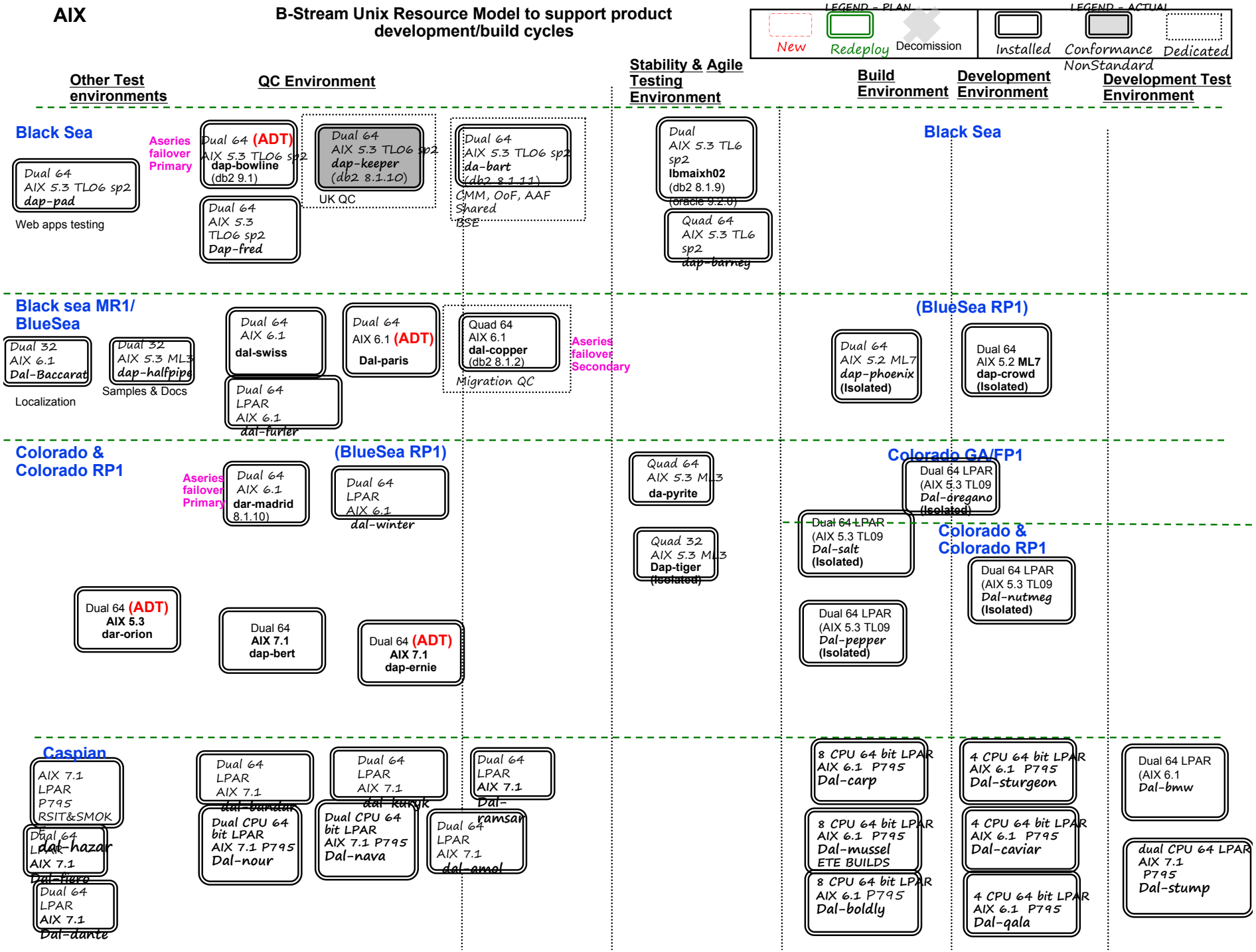
Server Hardware Architecture
Actual & Plan

Edited by: JP Lacroix
Last updated: 2013 04 04

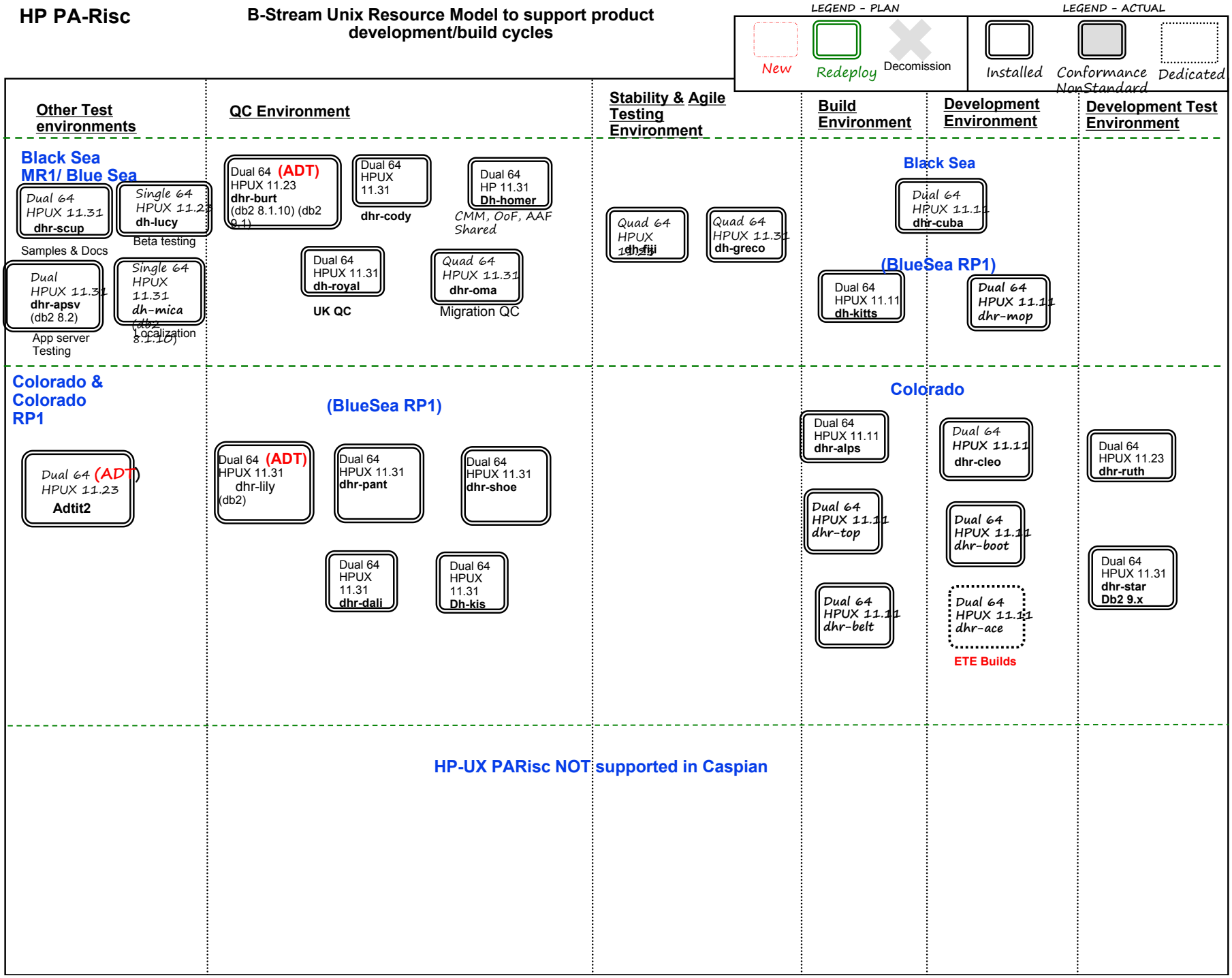
Note: unless otherwise indicated (*), machines listed here are not subject to regular backups of their local disk.

Note: Refer to \\sottdocs1f\all_devdocs_Common\Resources\Unix for a description of the currently accepted patch & kernel settings


AIX
B-Stream Unix Resource Model to support product development/build cycles
LEGEND - PLAN
New
Redeploy
Decomission
LEGEND - ACTUAL
Installed
Conformance
NonStandard
Dedicated
Other Test environments
QC Environment
Stability & Agile Testing Environment
Build Environment
Development Environment
Development Test Environment
Black Sea
Aseries failover Primary
Dual 64 AIX 5.3 TL06 sp2 dap-pad
Web apps testing
Dual 64 (ADT) AIX 5.3 TL06 sp2 dap-bowline (db2 9.1)
Dual 64 AIX 5.3 TL06 sp2 dap-keeper (db2 8.1.10)
UK QC
Dual 64 AIX 5.3 TL06 sp2 Dap-fred
Dual 64 AIX 5.3 TL06 sp2 da-bart (db2 8.1.11)
CMM, OoF, AAF Shared BSE
Dual AIX 5.3 TL6 sp2 lbmaixh02 (db2 8.1.9) (oracle 9.2.0)
Quad 64 AIX 5.3 TL6 sp2 dap-barney
Black Sea
Black sea MR1/ BlueSea
Dual 32 AIX 6.1 Dal-Baccarat
Localization
Dual 32 AIX 5.3 ML3 dap-halfpipe
Samples & Docs
Dual 64 AIX 6.1 dal-swiss
Dual 64 AIX 6.1 (ADT) Dal-paris
Dual 64 LPAR AIX 6.1 dal-furler
Quad 64 AIX 6.1 dal-copper (db2 8.1.2)
Migration QC
Aseries failover Secondary
(BlueSea RP1)
Dual 64 AIX 5.2 ML7 dap-phoenix (Isolated)
Dual 64 AIX 5.2 ML7 dap-crowd (Isolated)
Colorado & Colorado RP1
Aseries failover Primary
Dual 64 AIX 6.1 dar-madrid 8.1.10)
(BlueSea RP1)
Dual 64 LPAR AIX 6.1 dal-winter
Quad 64 AIX 5.3 ML3 da-pyrite
Quad 32 AIX 5.3 ML3 Dap-tiger (Isolated)
Colorado GA/FP1
Dual 64 LPAR (AIX 5.3 TL09 Dal-oregano (Isolated)
Dual 64 LPAR (AIX 5.3 TL09 Dal-salt (Isolated)
Colorado & Colorado RP1
Dual 64 LPAR (AIX 5.3 TL09 Dal-nutmeg (Isolated)
Dual 64 (ADT) AIX 5.3 dar-orion
Dual 64 AIX 7.1 dap-bert
Dual 64 (ADT) AIX 7.1 dap-ernie
Dual 64 LPAR (AIX 5.3 TL09 Dal-pepper (Isolated)
Caspian
AIX 7.1 LPAR P795 RSIT&SMOK
Dual 64 LPAR AIX 7.1 dal-hazar
Dual 64 LPAR AIX 7.1 Dal-fiere
Dual 64 LPAR AIX 7.1 Dal-dante
Dual 64 LPAR AIX 7.1 dal-bandar
Dual CPU 64 bit LPAR AIX 7.1 P795 Dal-nour
Dual 64 LPAR AIX 7.1 dal-kuryk
Dual CPU 64 bit LPAR AIX 7.1 P795 Dal-nava
Dual 64 LPAR AIX 7.1 Dal-ramsan
Dual 64 LPAR AIX 7.1 dal-amol
8 CPU 64 bit LPAR AIX 6.1 P795 Dal-carp
8 CPU 64 bit LPAR AIX 6.1 P795 Dal-mussel ETE BUILDS
8 CPU 64 bit LPAR AIX 6.1 P795 Dal-boldly
4 CPU 64 bit LPAR AIX 6.1 P795 Dal-sturgeon
4 CPU 64 bit LPAR AIX 6.1 P795 Dal-caviar
4 CPU 64 bit LPAR AIX 6.1 P795 Dal-qala
Dual 64 LPAR (AIX 6.1 Dal-bmw
dual CPU 64 LPAR AIX 7.1 P795 Dal-stump

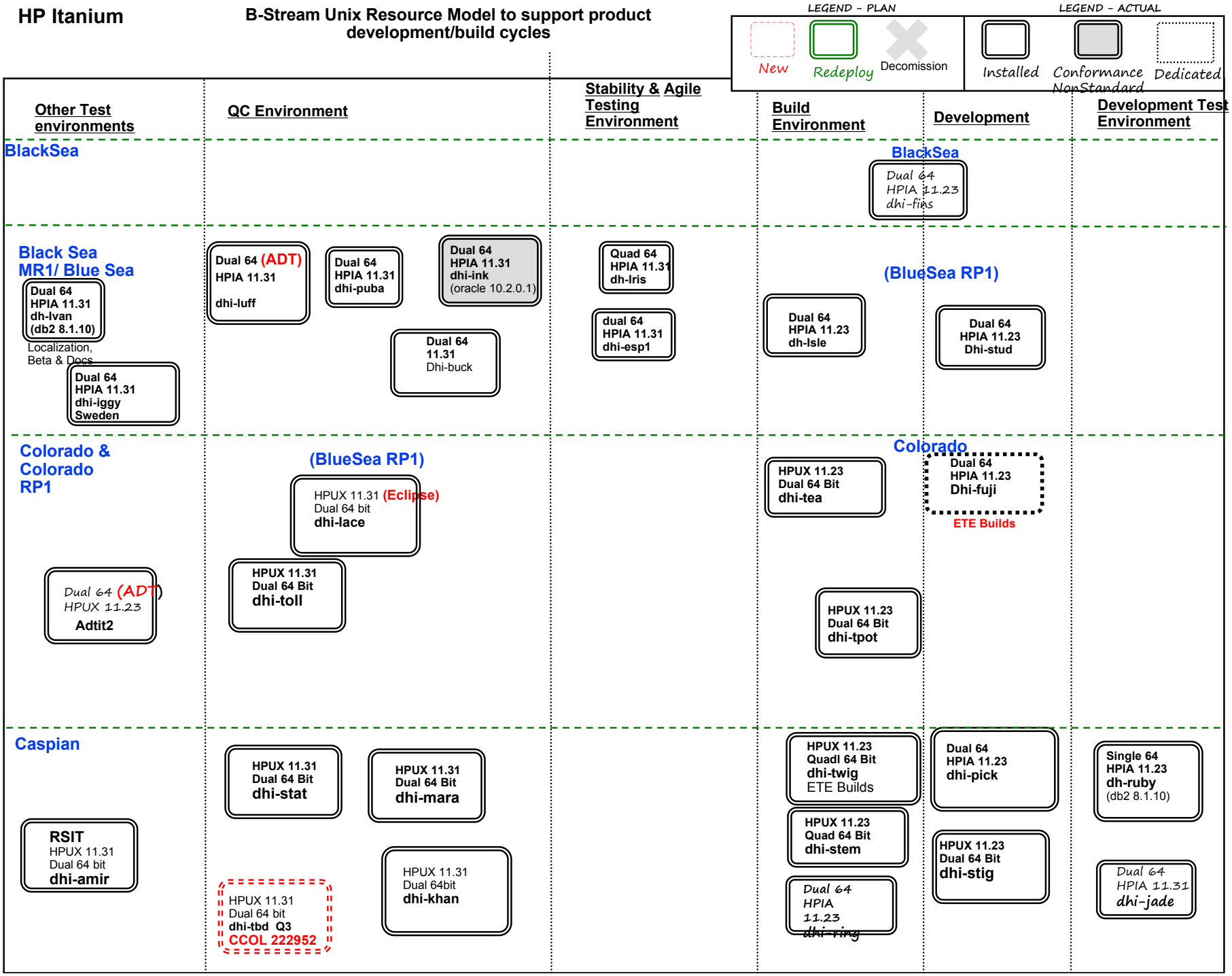
HP PA-Risc

B-Stream Unix Resource Model to support product development/build cycles



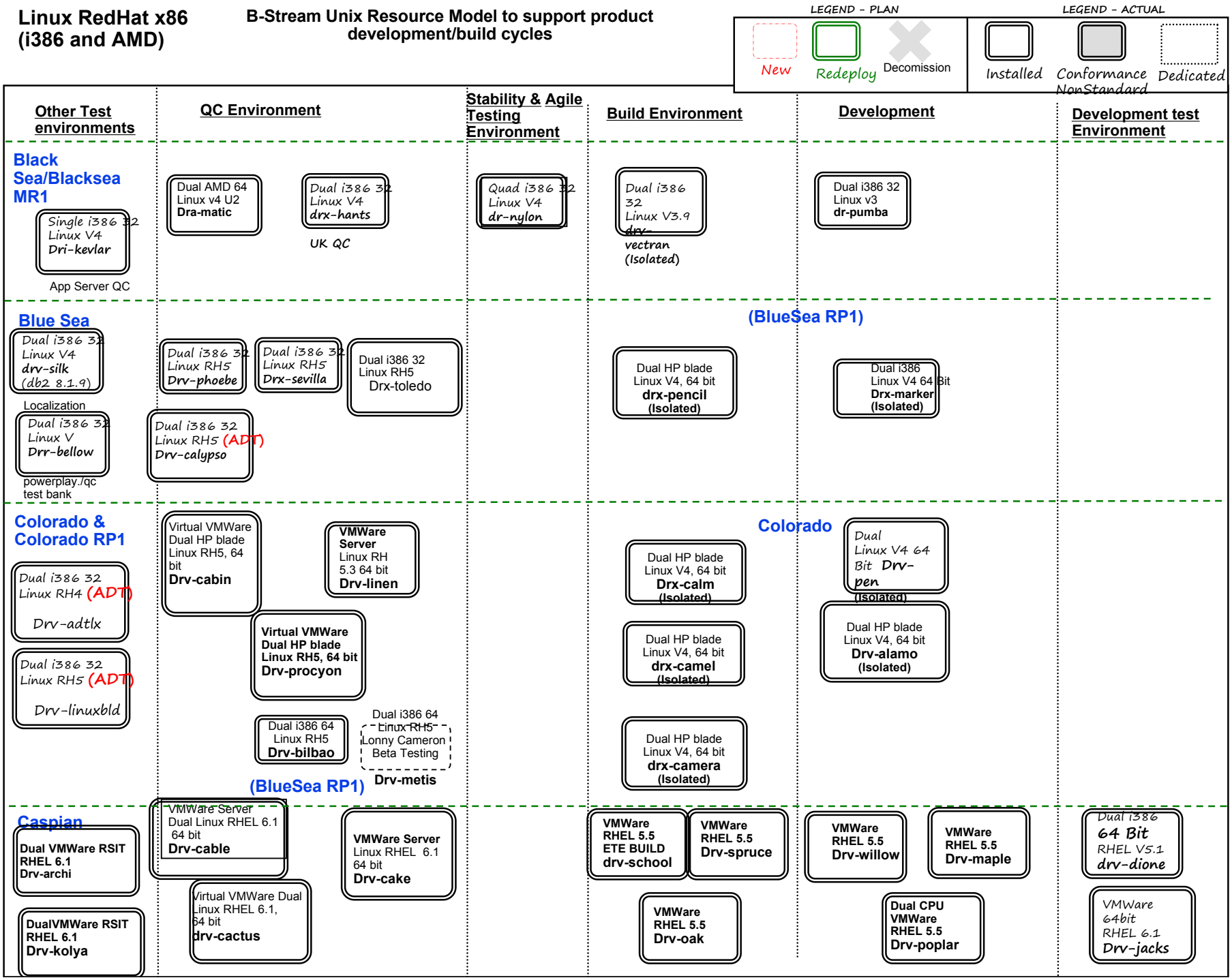
HP Itanium

B-Stream Unix Resource Model to support product development/build cycles



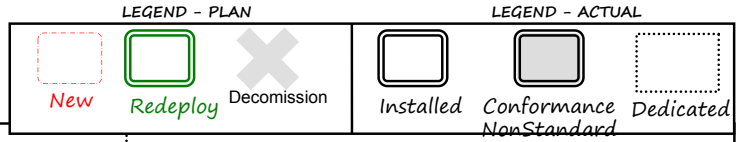
Linux RedHat x86 (i386 and AMD)

B-Stream Unix Resource Model to support product development/build cycles



Windows 64 bit x86 (i386 and AMD)

B-Stream Unix Resource Model to support product development/build cycles



Other Test environments

Blue Sea

Colorado (BlueSea RP1)

Caspian

QC Environment

Windows 2003 Server 64 bit,(Dual CPU **Sottbubga64-1**

Windows 2003 Server 64 bit,(Dual CPU **Sottbubga64-2**

Windows 2003 Server 64 bit,(Virtual) **vottmatrix**

Windows 2003 Server 64 bit,(Virtual) **vottdanko**

64bit Windows 2008 Enterprise Server (**virtual**) **Vottqc64_08**

64bit Windows 2003 Enterprise Server SP2 (**virtual**) **Vott-cmqc64**

64bit Windows 2008 Enterprise Server (**virtual**) **Vott-oasis2k8**

64bit Windows Vista (**virtual**) **Vott-vs64_01**

64bit Windows Vista (**virtual**) **Vott-vs64_02**

64bit Windows XP (**virtual**) **Vottxp64_01**

64bit Windows XP Server (**virtual**) **Vottxp64_02**

64bit Windows 2003 Enterprise Server (**virtual**) **Vott-oasis2k3**

Stability & Agile Testing Environment

Build Environment

SOTTBLD01
SOTTBLD02
SOTTBLD03
SOTTBLD04
SOTTBLD05
SOTTBLD06
SOTTBLD07
SOTTBLD08
SOTTBLD09
SOTTBLD10
SOTTBLD14
SOTTBLD17
SOTTBLD18
SOTTBLD20
SOTTBLD21
SOTTBLD22
SOTTBLD25
SOTTBLD30
SOTTBLD33
SOTTBLD34
SOTTBLD35
SOTTBLD37
SOTTBLD43
SOTTBLD44
SOTTBLD46
SOTTBLDTMP1
SOTTBLDTMP2
SOTTBLDTMP3
SOTTBLDTMP4
SOTTBUILD100

SOTTBUILD101
SOTTBUILD102
SOTTBUILD105
SOTTBUILD106
SOTTBUILD20
SOTTBUILD95
SOTTBUILD97
SOTTBUILD98
SOTTBUILD99
VOTTBLD1
VOTTBLD10
VOTTBLD101
VOTTBLD102
VOTTBLD11
VOTTBLD12
VOTTBLD13
VOTTBLD14
VOTTBLD15
VOTTBLD16
VOTTBLD17
VOTTBLD18
VOTTBLD2
VOTTBLD201
VOTTBLD202
VOTTBLD203
VOTTBLD204
VOTTBLD205
VOTTBLD206
VOTTBLD3
VOTTBLD4
VOTTBLD40
VOTTBLD5
VOTTBLD6
VOTTBLD7
VOTTBLD8
VOTTBLD9
VOTTBLDXP1
VOTTBUILD200
VOTTBUILD200
VOTTBUILD201
VOTTBUILD201
VOTTBUILD202
VOTTBUILD202
VOTTBUILD203
VOTTBUILD203
VOTTBUILD204
VOTTBUILD204
VOTTBUILD205
VOTTBUILD205
WOTTBLDAPP2
WOTTBUILD39
WOTTBUILD40
WOTTBUILD68
WOTTBUILD88
WOTTBUILD91
WOTTBUILD99

Development

Windows 2008 Server 32bit **vottsmk200**

Windows 2008 Server 32bit **vottsmk201**

Windows 2008 Server 32bit **vottsmk203**

Windows 2003 Server 64 bit,(Dual CPU **sottdevsrv1**

Windows 2003 Server 64 bit,(quadl CPU Virtual **vottdevsrv2**

Windows 2003 Server 64 bit,(quadl CPU Virtual **vottdevsrv3**

Windows 2003 Server 64 Bit Dual CPU **sottdevsrv4**

Windows 2003 Server 64 Bit Dual CPU **sottdevsrv5**

Windows 2003 Server 64 Bit Dual CPU VM **vottdevsrv6**

Windows 2003 Server 64 Bit Dual CPU VM **vottdevsrv7**

Windows 2003 Server 64 Bit Dual CPU VM **vottdevsrv8**

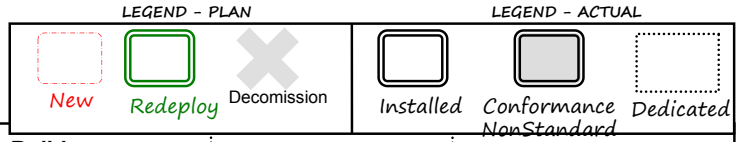
Windows 2003 Server 64 Bit Dual CPU VM **vottdevsrv9**

Windows 2003 Server 64 Bit Dual CPU VM **vottdevsrv10**

Development test Environment

Linux RedHat PPC

B-Stream Unix Resource Model to support product development/build cycles

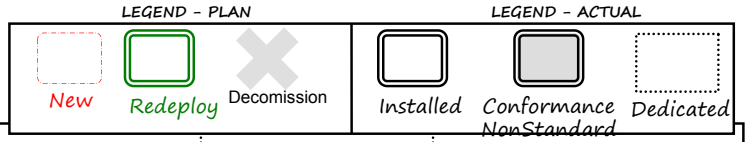


Other Test environments	QC Environment	Stability & Agile Testing Environment	Build Environment	Development Environment	Development test Environment
Black Sea	Dual PPC 64 Linux V4 **drp-kent** UK QC		**Black Sea** Dual PPC 64 Linux v3 **drp-aries**		
Black Sea MR1/ Blue Sea	64 Bit Redhat V5 LPAR RSIT&SMOKE drl-infiniti; Dual PPC 64 Linux V5 ~~drp-chasm~~; Dual PPC 64 LPAR Linux V5 **drl-rolls**		**(BlueSea RP1)** Single PPC 64 Linux v4 **drp-tex**	Dual PPC 64 Linux V4 **drp-stiletto**	
Colorado & Colorado RP1	**(BlueSea RP1)** Dual PPC **LPAR** Linux V5.3, 64 bit **Drl-knife**; Dual PPC LPAR Linux V5.3 64 bit **drl-blackbird**		**Colorado** Dual PPC Linux v4 64 Bit **drp-eraser**; Dual PPC **LPAR** Linux V4, 64 bit **drp-rubble**	Dual PPC 64 LPAR Linux V4 U7 **Drp-lyra**; Dual PPC 64 LPAR Linux V4 U7 **Drp-lead**	
Caspian	Dual PPC **LPAR** Linux V6.1 64 bit **Drl-fork**; Dual PPC **LPAR** Linux V6.1, 64 bit **Drl-tack**; Dual PPC **LPAR** Linux V6.1, 64 bit **Drl-gybe**; Dual CPU 64 bit LPAR RHEL 6.1 P795 Drl-sika; Dual CPU 64 bit LPAR RHEL 6.1 P795 Drl-bar		8 CPU 64 bit LPAR **RHEL 5.5** P795 Drl-crab ETE BUILDS; 8 CPU 64 bit LPAR RHEL 5.5 P795 Drl-shrimp; Quad 64 LPAR RHEL 5.5 P795 Drl-squid	4 CPU 64 bit LPAR RHEL 5.5 P795 Drl-eel; 4 CPU 64 bit LPAR RHEL 5.5 P795 Drl-fern; 4 CPU 64 bit LPAR **RHEL 5.5** P795 Drl-manta	Dual PPC 64 LPAR **RHEL 5.1** **Drl-benz**; **Dual LPAR P795 RHEL 6.1 Drl-nugget**

Dual CPU 64 bit LPAR RHEL 6.1 P795 Drl-purva

Linux SUSE x86 (i386 and AMD)

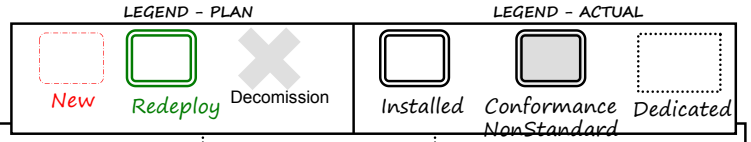
B-Stream Unix Resource Model to support product development/build cycles



Other Test environments	QC Environment	Stability & Agile Testing Environment	Build Environment	Development	Development test Environment
Black Sea/ Black Sea MR1/ Blue Sea	Dual x86 32 SUSE 10 (ADT) dnx-firma				
Colorado (BlueSea RP1)	VMWare SUSE 11, 64 bit **dnv-dunlop** VMWare SUSE 11, 64 bit **dnv-callaway** Dual x86 64 SUSE 11 (ADT) Dnv-pan				
Caspian	**Dual CPU VMWare SUSE 11 Dnv-diva** **Dual CPU VMWare SUSE 11 Dnv-kola**				

Linux SUSE PPC

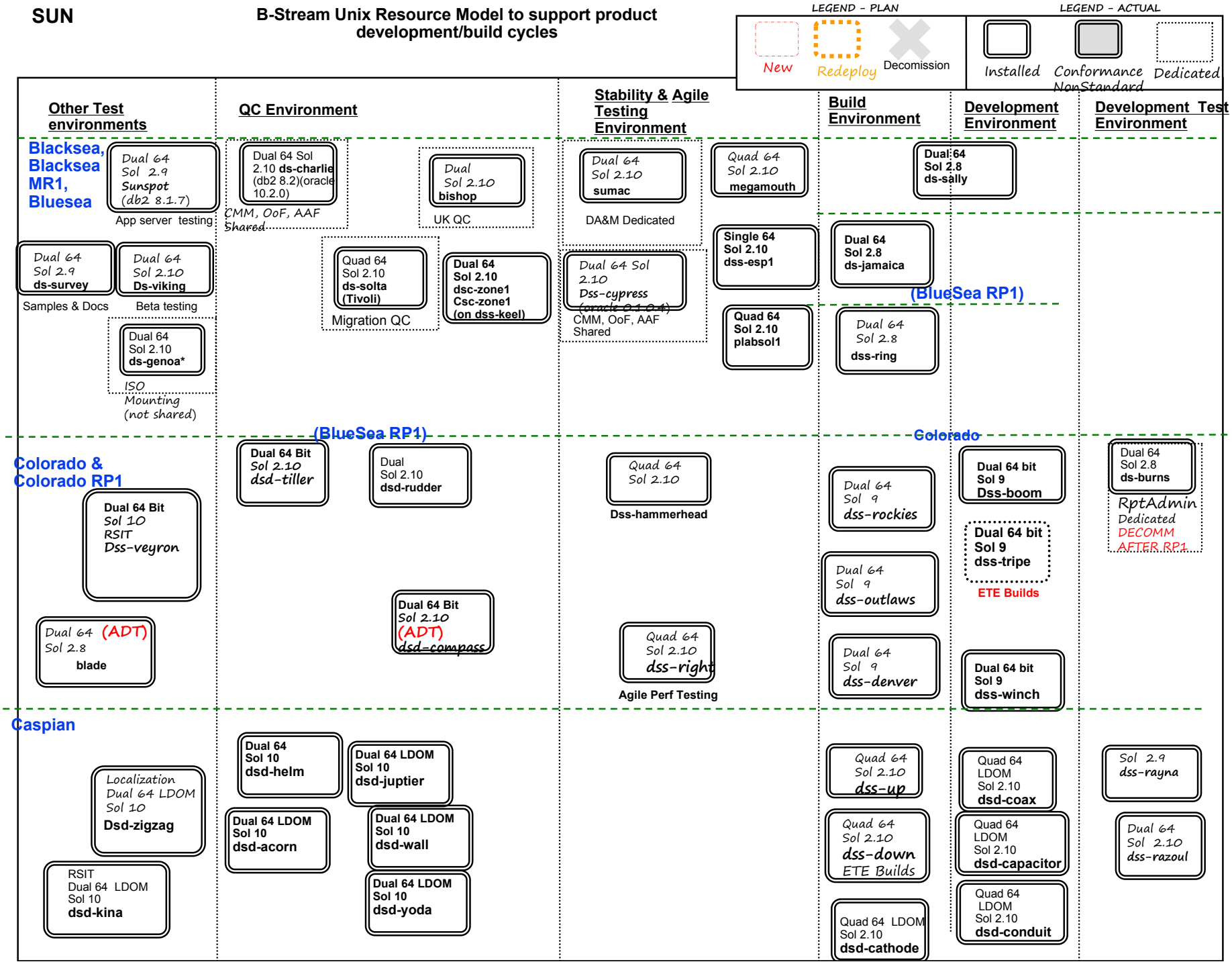
B-Stream Unix Resource Model to support product development/build cycles



Other Test environments	QC Environment	Stability & Agile Testing Environment	Build Environment	Development	Development test Environment
Colorado RP1	LPAR RSIT **SUSE 11,** 64 bit **dnl-acuma**				
Caspian					
LPAR **SUSE 11,** 64 bit **dnl-tango**	LPAR SUSE 11, 64 bit **NEW** **P795** **Dnl-parm**				
LPAR **SUSE 11,** 64 bit **dnl-zumba**	LPAR SUSE 11, 64 bit **NEW** **P795** **Dnl-razi**				

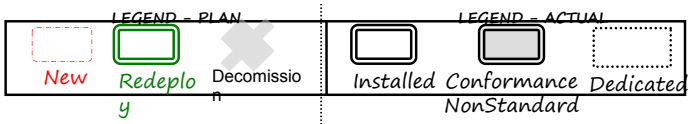
SUN

B-Stream Unix Resource Model to support product development/build cycles



ZOS

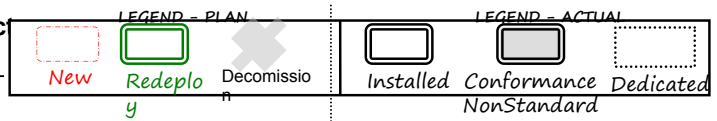
B-Stream ZOS Resource Model to support product development/build cycles



	QC Environment	Stability Environment	Build Environment	Development Environment	Dev. Test
Blacksea					
Bluesea	**stlab4d**	**stlab4b** **stlab4f**	**stlab4a**	**stlab4d**	**stlab4e**
Caspian	**stlab4b** **stlab4c** **stlab4d** **stlab4e** **stlab4f**		**stlab4a** **stlab73**		

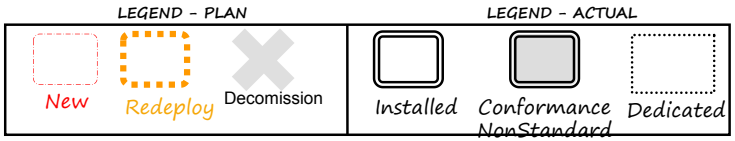
Zlinux

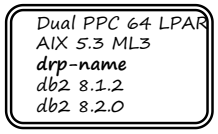
B-Stream Zlinux Resource Model to support product development/build cycles



	QC Environment	Stability Environment	Build Environment	Development Environment
Blacksea	svlxcog8		svlxcog9	svlxcog8
Bluesea	svlxcog8 svlxcoqy svlxcoqz svlxcoq1		svlxcog9	svlxcog9
Colorado	svlxcog8 svlxcoqy svlxcoqz svlxcoq1		svlxcog9	
Caspian	svlxcog8 svlxcoqy svlxcoqz svlxcoq1		svlxcogy	

Legend & Naming Conventions





Machine illustration convention has 3 parts:

- Hardware configuration. This first field identifies the number of CPUs. The second field identifies the type of chip. The third field defines the size of the kernel (32 or 64 bit). The last field identifies whether or not this machine is a Logical partition (LPAR) of another machine. The first field is mandatory. The others are optional and defined as appropriate to the system
- Operating System version & patch level
- Machine Name. A * indicates a machine that has scheduled backups. Machines do not have backups up by default.
- Database clients installed (on local disk)

The **UNIX** Server naming convention consists of 3 characters intended to perform basic identification, a single dash (-), then a name up to 20 characters (4 for HP-UX) in length as detailed below. It is NOT intended to provide more than basic detail.

Windows Server naming convention consists of 2 prefixes to the server name:
Sott<servername> physical x86 or AMD Windows servers and **Vott**<servername> which signifies a Virtual server such as a VMWare images on ESK

Position 1 – Department
Represents the department the server is owned/used by. In the event it is shared between departments, the primary/requesting group will be used

Identifier	Department
b	e-Business
c	Customer Support
d	R&D
e	Education
i	IS
k	Marketing
p	India R&D
m	Manufacturing
s	Sales
u	UNIX Infrastructure
o	Other

Position 2 – Operating System
Represents the installed OS. In the event that a server has multiple Operating systems of different type (ie. Linux, AIX) the server will require a hostname and address for each

Identifier	Operating System
a	AIX
d	Debian Linux
h	HP-UX
M	MacOS
n	SUSE Linux (Novell)
r	RedHat Linux
s	Solaris
t	Tru64
U	Ubuntu
o	Other

Position 3 – Hardware Type
Represents the type of CPU in the server

Identifier	Hardware Type
a	AMD
c	Solaris Container
d	SUN Domain (Virtual Server)
i	Itanium
l	IBM LPAR Virtual Server
p	PowerPC
r	RISC (HP9000, RS/6000)
s	Sparc
v	ESX/VMWare Virtual Server
x	x86
o	Other