



A Guide to Linux Evaluations

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Dist	Version	Update	Evaluated Configuration	EAL	PP	MRA	Report
Red Hat	1 RHEL3 AS	U3	HP AMD Opteron processor based servers: HP Proliant DL product line (except Intel based systems) HP Intel Pentium and Xeon processor based servers: HP Proliant DL product line (except AMD based systems) HP Proliant ML product line HP Proliant BL product line HP Carrier Grade cc product line HP Intel Itanium2 processor based servers: HP Integrity Superdome product line HP Integrity rx product line HP Integrity cx product line HP Intel Itanium2 processor based workstation: HP zx workstation product line	3*	CAPP	CCRA SOGIS	http://www.bsi.bund.de/zertif/zert/report/e/0273a.pdf
Red Hat	2 RHEL3 AS	U2	IBM xSeries, model x335 IBM zSeries, model z900 (The TOE executes in VM 4.3 logical partition) IBM iSeries, model 825 machine type (9406)(OS/400 V5R2 LPAR) IBM pSeries, model 630 IBM eServer, model 325 (based on AMD64 (Opteron) processor)	3+	CAPP	CCRA SOGIS	http://www.bsi.bund.de/zertif/zert/report/e/0257a.pdf
Red Hat	4 RHEL3 WS	U2	IBM xSeries, model x335	3+	CAPP	CCRA SOGIS	http://www.bsi.bund.de/zertif/zert/report/e/0259a.pdf
Red Hat	3 RHEL3 WS	U3	HP Intel Pentium 4 processor based workstations: HP nw laptops HP xw workstation product line	3+	CAPP	CCRA SOGIS	http://www.bsi.bund.de/zertif/

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			HP Compaq D530 HP Compaq D330 HP Compaq D220 HP Intel Xeon based workstations: HP xw workstation product line				zert/report e/0274a.pdf
Red Hat	RHEL3 WS	U5	Unisys ES7000 Hardware models 405, 410, 420, 430, and 440	3+	CAPP	CCRA	http://www.niap-ccevs.org/cc%2Dscheme/st/st_vid10062-vr.pdf
Red Hat	RHEL4 AS		Unisys ES7000 Hardware models 405, 410, 420, 430, 440, 505, 510, 520, 530, 540	3+	CAPP	CCRA	http://www.niap-ccevs.org/cc%2Dscheme/st/st_vid10063-vr.pdf
Red Hat	5 RHEL4	U1	IBM xSeries systems, based on Intel Xeon EM64T processor (Work Station and Server); IBM eServer BladeCenter systems based on the Intel Xeon EM64T processor (Work Station and Server); IBM xSeries x800, z900, z890, z990, executing in a z/VM5.1 virtual machine (Server only); IBM iSeries systems based on the POWER5 processor with pSeries LPAR and the OS/400 service partition (Server only); IBM pSeries based on the POWER5 processor with pSeries LPAR (Server only); IBM eServer systems based on the AMD Opteron processor (Server only).	4+	CAPP	CCRA	http://niap.bahialab.com/cc-scheme/st/ST_VID10072-VR.pdf
Red Hat	6 RHEL4 AS & WS	U2	HP ProLiant DL systems, based on AMD Opteron, Intel Pentium and Intel Xeon processors (RHEL4 AS);	3+	CAPP	CCRA	http://niap.bahialab.com/cc-

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			<p>HP ProLiant BL systems, based on AMD Opteron, Intel Pentium and Intel Xeon processors (RHEL4 AS);</p> <p>HP ProLiant ML systems, based on Intel Pentium and Xeon processors (RHEL4 AS);</p> <p>HP Integrity Superdome systems, based on Intel Itanium2 processor (RHEL4 AS);</p> <p>HP Integrity rx systems, based on Intel Itanium2 processor (RHEL4 AS);</p> <p>HP Integrity cx systems, based on Intel Itanium2 processor (RHEL4 AS);</p> <p>HP xw workstation systems, based on the Intel Xeon and Pentium 4 processors (RHEL4 WS);</p> <p>HP Compaq dc systems, based on the Intel Pentium 4 processor (RHEL4 WS).</p> <p><i>Only the following subset of configurations were tested with the results being deemed sufficient to cover all configurations:</i></p> <p>HP DL360 (Intel Xeon based SMP system) AS SMP, WS SMP and UP;</p> <p>HP DL360 (Intel Xeon EM64T based SMP system) AS SMP and UP;</p>				<p>scheme/st/ST_VID10133-VR.pdf</p>
Red Hat	7 RHEL4 AS	U4	<p>SGI Altix 4700: 128 Intel Itanium2 CPUs</p>	3+	CAPP	CCRA	<p>http://niap.bahialab.com/cc-scheme/st/ST_VID10163-VR.pdf</p>
Red Hat	8 RHEL5		<p><i>HP Intel Itanium2 (single and multi-core) processor based servers:</i></p> <p>HP Integrity Superdome product line</p> <p>HP Integrity rx product line</p> <p>HP Integrity cx product line</p> <p>HP Integrity BL product line</p>	4+	CAPP LSP RBAC	CCRA	<p>http://www.niap-ccevs.org/cc%2Dscheme/st/st_vid10165-</p>



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			<p><i>Intel Xeon based servers with EM64T 64bit extensions (single and multi-core), and HP AMD Opteron processor (single and multi-core):</i></p> <p>HP ProLiant ML product line (EM64T capable models)</p> <p>HP ProLiant DL product line (EM64T capable or Opteron models)</p> <p>HP ProLiant BL product line (EM64T capable or Opteron models)</p> <p><i>HP Intel Pentium and Xeon processor based servers without EM64T extensions:</i></p> <p>HP ProLiant ML product line (except EM64T capable models)</p> <p>HP ProLiant DL product line (except EM64T capable or Opteron models)</p> <p>HP ProLiant BL product line (except EM64T capable or Opteron models)</p> <p><i>HP Intel Xeon processor based systems:</i></p> <p>HP xw product line</p> <p><i>HP Intel Pentium 4 processor based systems:</i></p> <p>HP xw product line</p> <p>HP Compaq dc series product line</p>				vr.pdf
Red Hat	9 RHEL5		<p>IBM System x: x3550 (rack mount), HS20 and HS21 (blades)</p> <p>IBM Opteron (AMD): x3455 (rack mount), LS21 (blade)</p> <p>IBM System p: any POWER5/POWER5+ compliant system or software</p> <p>IBM System z: any z/Architecture compliant system or software</p>	4+	CAPP LSP RBAC	CCRA	http://www.niap-ccevs.org/cc%2Dscheme/st/st_vid10125-vr.pdf
Red Hat	5.1			4+	CAPP	CCRA	In

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					LSP RBAC		Evaluation	
Novell-SUSE	1 0	SLES8	SP3		3+	CAPP	CCRA SOGIS	http://www.bsi.bund.de/zertif/zert/report_e/0270a.pdf
Novell-SUSE	1 1	SLES8			2+		CCRA SOGIS	http://www.bsi.bund.de/zertif/zert/report_e/0216a.pdf
Novell-SUSE	1 2	SLES8	SP3 RC4		3+	CAPP	CCRA SOGIS	http://www.bsi.bund.de/zertif/zert/report_e/0234a.pdf
Novell-SUSE	1 3	SLES9			4+	CAPP	CCRA SOGIS	http://www.bsi.bund.de/zertif/zert/report_e/0256a.pdf

Dist	Version	Update	Evaluated Configuration	EAL	PP	MRA	Report
			IBM pSeries – model 520 machine type 9111 with pSeries LPAR SF220_049 IBM eServer – model 325 (based on the AMD64 (Opteron) processor) machine type 8835				df
Novell-SUSE	1 4	SLES 9	SP2	SGI Altix 350 SGI Altix 3700 Bx2	3+	CAPP	CCRA SOGIS http://www.bsi.de/zertifiz/zert/berichte/0292a.pdf
Cray		UNICOS/lc OS2	2.4.15	Cray X1 hardware	2+		CCRA http://www.commoncriteriaportal.org/public/files/epfiles/ST_VI D4031-VR.pdf
Novell-SUSE		SLES 10	SP1	IBM			In eval
Oracle		Enterprise Linux V4	U4	Dell Intel Xeon 64T HP Intel Xeon 64 T	4+	CAPP	CCRA SOGIS
Oracle		Enterprise Linux V4	U5	Dell PowerEdge 1850 (EM64T) HP ProLiant DL380 G5 (EM64T)	4+	CAPP	CCRA SOGIS
Cray		UNICOS/lc OS2			3+	CAPP	In eval

CAPP Controlled Access Protection Profile (CAPP), Issue 1.d, 08.10.1999

LSPP Labeled Security Protection Profile (LSPP), issue 1.b, 8 October 1999 **RETIRED OCTOBER 2007**

RBAC Role-based Access Control Protection Profile, Version 1.0, July 30, 1998. **ARCHIVED OCTOBER 2007**

MLOSPP Medium Level Robustness protection Profile,

Unless stated otherwise EAL augmentations are with flaw remediation

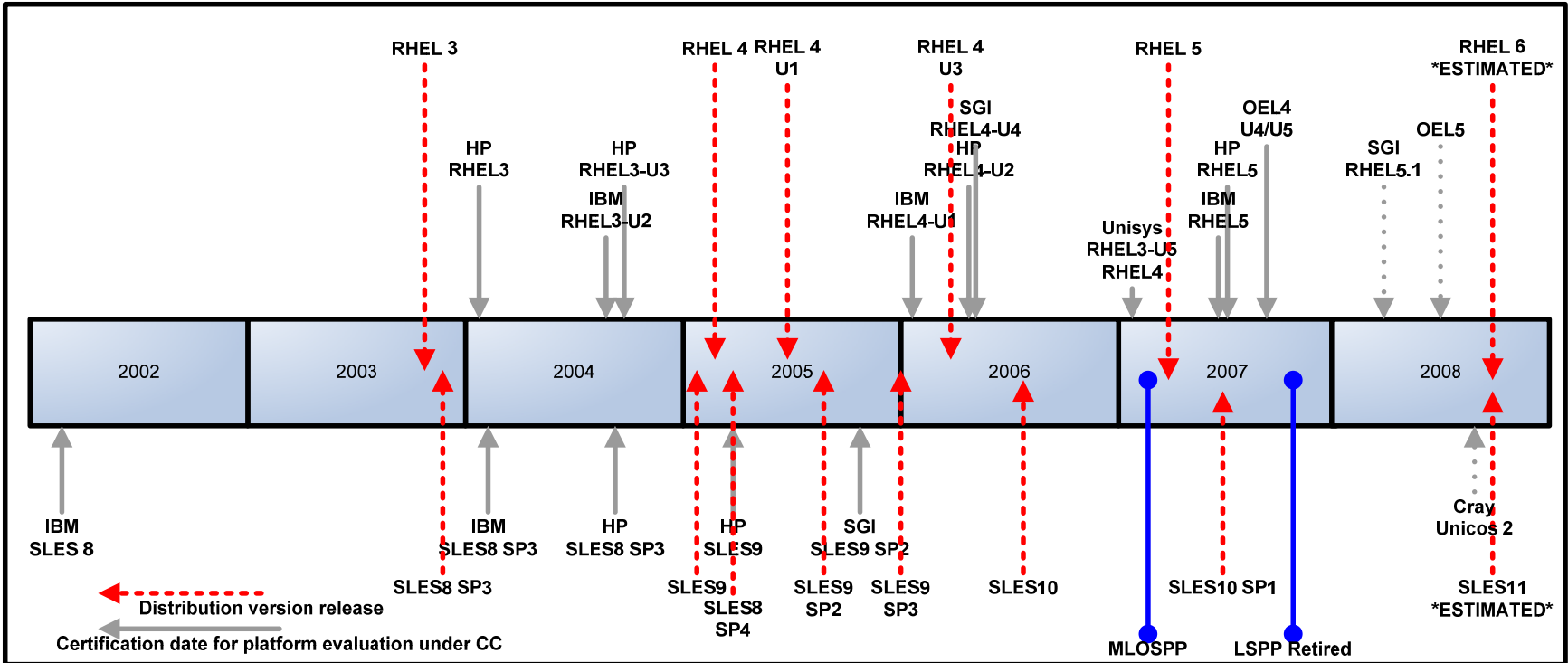


Figure 1: The evaluation career of Linux