

Desktop Linux Test Plan

Distribution: Hardware:

Tester: Date:

Key – E=Essential, D=Desirable, Q=Question, ?=Debatable

1 INSTALLATION					
Test		Description	Score	Points for...	Notes
1.1 Installation Media	E	1.1.1 Was boot media recognised and successfully booted?	0 3	no / yes	
	Q	1.1.2 What is the installation media? e.g. single CD + net install, Set of CD's (specify #), single DVD etc.			
1.2 Boot-time control	D	1.2.1 Is there any level of boot control? i.e. Disable devices, install 3 rd party modules etc.	0 1 2 3	none / minimal / reasonable / extensive	
1.3 Language & Locale	E	1.3.1 Is the interface language selectable during installation?	0 3	no / yes	
	E	1.3.2 Are language changes activated immediately?	0 3	no / yes	
	D	1.3.3 Is there keymap selection during installation?	0 3	no / yes	
	D	1.3.4 Are keymap changes activated immediately?	0 3	no / yes	
1.4 Graphical Installation	D	1.4.1 Is there a GUI installer?	0 3	no / yes	
	D	1.4.2 Is an acceptable resolution used for install? (applies to text / graphical, points scale relative to hardware)	0 1 2 3	640x480 / 800x600 / 1024x768 / 1280x1024	
1.5 HD Recognition	E	1.5.1 Was the hard disk recognised and initiated?	0 3	no / yes	
1.6 Monitor Recognition	E	1.6.1 Is the monitor recognised and initiated?	0 3	no / yes	
1.8 Network Configuration	D	1.8.1 To what extent is network configurable? Consider DSL / ISDN / Modem / WiFi etc.	0 1 2 3	none / minimal / reasonable / extensive	
1.9 HD Partitioning	E	1.9.1 Is a default partitioning scheme selectable e.g. for a new machine?	0 3	no / yes	
	E	1.9.2 Is it possible to customise partitioning? To what extent?	0 1 2 3	none / minimal / reasonable / extensive	
1.10 Package Selection	D	1.10.1 Is there a choice of default installations? e.g. Desktop, Server, Laptop etc.?	0 3	no / yes	
	D	1.10.2 Is manual package selection available?	0 3	no / yes	
	Q	1.10.3 What package system does this distribution use? e.g. RPM, DEB, source, binary archive.			
	Q	1.10.4 Which build was selected (if any) and why?			

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1.11 Desktop Environment Selection	D	1.11.1 Is there an option to choose Desktop Environment / Window Manager?	0 3	no / yes	
	Q	1.11.2 Which DE / WM was selected? KDE, GNOME, XFCE etc.			
1.12 On-line Update	D	1.12.1 Is it possible to update package list and / or patch system during install procedure?	0 3	no / yes	
	D	1.12.2 Did this identify updates and install or identify lack of updates and continue? (Both score)	0 3	no / yes	
1.13 User Configuration & Authentication	D	1.13.1 Is the user able to configure authentication mechanisms (NIS / LDAP etc.) at install?	0 3	no / yes	
	D	1.13.2 Is it possible to test these settings during the install?	0 3	no / yes	
	E	1.13.3 Is it possible to configure users during the install?	0 3	no / yes	
1.14 Boot-loader Configuration	D	1.14.1 Is there a choice of boot-loader during installation?	0 3	no / yes	
	Q	1.14.2 Which boot-loader (if any) was chosen? e.g. LILO, GRUB etc.			
	D	1.14.3 Did the boot-loader identify and activate other operating systems?	0 3	no / yes	
	D	1.14.4 To what extent can the boot-loader be configured? Consider kernel parameters, time-out, password protection etc.	0 1 2 3	none / minimal / reasonable / extensive	
1.15 Time	Q	1.15.1 How long did the installation take (approx.)?			
1.16 Errors	Q	1.16.1 Were there any errors and / or warnings during install?	$-\infty < x \leq 0$ $x =$	If due to user fault, disregard, otherwise deduct points for errors. -1 for informative, -2 for critical, -3 for fatal	

2 FIRST BOOT				
2.1 Initial Boot	E	2.1.1 Did initial boot work?	0 3	no / yes
2.2 Splash Boot	D	2.2.1 Upon booting, is there a splash screen displayed? Boot-loader splash not counted.	0 3	no / yes
	D	2.2.2 Can the splash be disabled and / or be made more verbose?	0 3	no /yes
2.3 Hardware Initialisation	Q	2.3.1 Are all devices initialised automatically? Can be checked using lspci / lsusb / cat /proc/acpi etc.	$-\infty < x \leq 0$ x=	Deduct points for missing devices, -1 for each device, -2 if device is system critical (HD for example)
	Q	2.3.2 Which Device(s) failed to initialise automatically?		
2.4 Display Manager	E	2.4.1 Does the Display Manager (e.g. KDM / GDM etc.) start at boot?	0 3	no / yes
	D	2.4.2 Does the DM start in an acceptable resolution? (Points scale relative to hardware)	0 1 2 3	640x480 / 800x600 / 1024x768 / 1280x1024
	Q	2.4.3 Which Display Manager was loaded?		
2.5 Desktop Environment	E	2.5.1 Does the chosen DE / WM load correctly and without errors?	0 3	no / yes
	E	2.5.2 Are all aspects of the DE environment loaded correctly? Consider panel, WM, session manager, menu etc. (identify missing components)	0 3	no / yes
	D	2.5.3 Are useful menu features installed? Consider 'Recent Docs', 'Find' etc.	0 3	no / yes
	E	2.5.4 Are appropriate sound notifications associated with desktop functions and applications?	0 3	no / yes
	E	2.5.5 Does the desktop environment allow easy access to commonly used applications?	0 3	no / yes
2.6 Language & Locale	E	2.6.1 Is the language selected during install successfully set upon first boot?	0 3	no / yes
	E	2.6.2 Is the keymap selected during install successfully set upon first boot?	0 3	no / yes
	E	2.6.3 Is the desktop environment available in native UK languages? Consider Welsh.	0 3	no / yes
	E	2.6.4 How easy is it to switch the default language?	0 1 2 3	very hard / hard / easy / very easy
2.7 Errors	Q	2.7.1 Were there any errors and / or warnings during boot? Boot without splash to see this if necessary.	$-\infty < x \leq 0$ x=	If due to user fault, disregard, otherwise deduct points for errors. -1 for informative, -2 for critical, -3 for fatal

3 DEVICES & PERIPHERALS					
3.1 Networking (Ethernet)	E	3.1.1 Does the network auto configure when the machine was booted with Ethernet plugged in and with a DHCP server available on the local LAN?	0 3	no / yes	
	E	3.1.2 Is it possible to configure Ethernet networking to use a static IP address? Check that changes are applied and work etc.	0 3	no / yes	
	E	3.1.3 How easy is it to change the Ethernet configuration? Consider amount of dialogs, clutter, descriptive language used	0 1 2 3	very hard / hard / easy / very easy	
	Q	3.1.4 What Ethernet card does the machine have?			
	Q	3.1.5 What driver is being used for Ethernet?			
3.2 Wireless Networking (WiFi)	D	3.2.1 Does the WiFi auto configure when the machine was booted in range of a network and with a DHCP server available on the local LAN?	0 3	no / yes	
	E	3.2.2 Is it possible to configure the WiFi network by selecting an AP and using both DHCP and Static IP addressing?	0 3	no / yes	
	E	3.2.3 Does connecting to an AP using WEP encryption work?	0 3	no / yes	
	E	3.2.4 Does connecting to an AP using WPA encryption work?	0 3	no /yes	
	D	3.2.5 Is there a facility to browse for WiFi networks?	0 3	no / yes	
	E	3.2.6 How easy is it to change the WiFi configuration? Consider amount of dialogs, clutter, descriptive language used, available options etc.	0 1 2 3	very hard / hard / easy / very easy	
	Q	3.2.7 What WiFi card / chipset does the machine have?			
	Q	3.2.8 What driver is being used for WiFi?			
3.3 Sound & Video	D	3.3.1 Is the sound-card previously detected / selected during install recognised and initiated?	0 3	no / yes	
	D	3.3.2 Is there relevant GUI tools to configure the sound-card? e.g. mixer, record-source selection etc. To what extent is it configurable using the installed tools?	0 1 2 3	none / minimal / reasonable / extensive	
	D	3.3.3 Is 3D acceleration enabled?	0 3	no / yes	
	Q	3.3.4 What sound-card does the machine have?			
	Q	3.3.5 What driver is being used for sound?			
	Q	3.3.6 What video card does the machine have?			
	Q	3.3.7 What driver is being used for video?			

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3.4 USB	E	3.4.1 Is hot-plug enabled for USB keyboards? i.e. Can a USB keyboard simply be plugged in and used?	0 3	no / yes	
	E	3.4.2 Is hot-plug enabled for USB mice? i.e. Can a USB mouse simply be plugged in and used?	0 3	no / yes	
	E	3.4.3 If you plug a USB key / stick in, does the OS recognise it and allow it to be used?	0 3	no / yes	
	D	3.4.4 If this contain pictures, are you prompted to import / open the pictures?	0 3	no / yes	
	D	3.4.5 When selecting yes to open / import pictures, is a default application successful in opening the pictures?	0 3	no / yes	
	Q	3.4.6 Which application was used to open / import the pictures?			
	D	3.4.7 If you plug in a digital camera (USB), is the device mounted and browseable?	0 3	no / yes	
	D	3.4.8 Upon plugging a digital camera in, are you prompted to open / import the contents?	0 3	no / yes	
	D	3.4.9 Upon choosing to open / import camera contents, is the application successful?	0 3	no / yes	
	Q	3.4.10 Which application was used to open / import the pictures?			
3.5 Removable Drives	E	3.5.1 Upon inserting a data CD, was the CD automatically mounted and browseable?	0 3	no / yes	
	E	3.5.2 Upon inserting a data DVD, was the DVD automatically mounted and browseable?	0 3	no / yes	
	E	3.5.3 Was an audio CD recognised?	0 3	no / yes	
	D	3.5.4 Upon inserting an audio CD, did software automatically play the CD?	0 3	no / yes	
	Q	3.5.5 What software (if any) was used for audio-CD playback?			
	D	3.5.6 Was a commercial DVD recognised?	0 3	no / yes	
	D	3.5.7 Upon inserting a DVD, did software play the video automatically?	0 3	no / yes	
	Q	3.5.8 What software (if any) was used for DVD playback?			

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3.6 Local Printers	D	3.6.1 Does the machine respond to a USB inkjet printer being plugged in?	0 3	no / yes	
	D	3.6.2 In what way does the machine respond to a hot-plugged printer?			
	Q	3.6.3 What USB inkjet printer was used?			
	D	3.6.4 Can the printer be configured for different paper sizes, colours etc.? To what extent?	0 1 2 3	none / minimal / reasonable / extensive	
	D	3.6.5 How easy is it to change printer configuration and settings?	0 1 2 3	very hard / hard / easy / very easy	
	D	3.6.6 Are all printing functions available after plugging a USB printer in?	0 3	no / yes	
	E	3.6.7 IF NO TO ABOVE – Were drivers available on the Internet?	0 3	no / yes	
	D	3.6.8 Does the machine respond to a consumer laser printer being plugged in?	0 3	no / yes	
	Q	3.6.9 In what way does the machine respond to a hot-plugged printer?			
	Q	3.6.10 What laser printer was used?			
	D	3.6.11 Can the printer be configured for different paper sizes, colours etc.? To what extent?	0 1 2 3	none / minimal / reasonable / extensive	
	D	3.6.12 How easy is it to change printer configuration and settings?	0 1 2 3	very hard / hard / easy / very easy	
	D	3.6.13 Are all printing functions available after plugging a laser printer in?	0 3	no / yes	
	E	3.6.14 IF NO TO ABOVE – Were drivers available on the Internet?	0 3	no / yes	
3.8 External Monitor	E?	3.8.1 Does the machine respond to an external (DCC) monitor being plugged into it?	0 3	no / yes	
	Q	3.8.2 Does the external monitor automatically display a new, or mirrored session?			
	D?	3.8.3 Does the monitor start in the desired resolution?	0 3	no / yes	
	E?	3.8.4 IF NO TO ANY OF THE ABOVE – was the external monitor configurable?	0 3	no / yes	
3.9 Errors	Q	3.9.1 Were there any errors and / or warnings during any of the tests in this section?	$-\infty < x \leq 0$ x=	If due to user fault, disregard, otherwise deduct points for errors. -1 for informative, -2 for critical, -3 for fatal	

4 APPLICATIONS & FILE-TYPES					
4.1 Office Applications	E	4.1.1 Did all office applications install correctly? Check Ooo.org or koffice appropriately.	0 3	no / yes	
	Q	4.1.2 Which office suite was used?			
	E	4.1.3 Did a PDF reader install correctly? Check evince, gpdf, xpdf Adobe Acrobat etc.	0 3	no / yes	
	Q	4.1.4 Which application was used to open PDF?			
	E	4.1.6 Do office applications provide full support for dictionaries in the selected language?	0 3	no / yes	
	E	4.1.7 Do the standard fonts support a full range of special characters and symbols required in the public sector?	0 3	no / yes	
	D	4.1.8 Are VoIP applications installed by default?	0 3	no / yes	
	D	4.1.9 Was other software such as games installed automatically?	0 3	no / yes	
4.2 File Manager Integration	E	4.2.1 Check the following (open from file manager, must be able to open and edit) Ms-Word (.doc)	0 3	no / yes	
	E	4.2.2 Ms-Excel (.xls)	0 3	no / yes	
	D	4.2.3 Ms-Powerpoint	0 3	no / yes	
	E	4.2.4 HTML	0 3	no / yes	
	D	4.2.5 EXE (wine)	0 3	no / yes	
	E	4.2.6 JPEG	0 3	no / yes	
	E	4.2.7 GIF	0 3	no / yes	
	E	4.2.8 TXT	0 3	no / yes	
	E	4.2.9 BMP	0 3	no / yes	
	D	4.2.10 MPEG	0 3	no / yes	
	D	4.2.11 MP3	0 3	no / yes	
	D	4.2.12 OGG	0 3	no / yes	
	E	4.2.13 WAV	0 3	no / yes	
4.3 Browser Integration	E	4.3.1 Does the default browser provide the flash plug-in by default?	0 3	no / yes	
	E	4.3.2 Does the default browser provide a PDF plug-in by default?	0 3	no / yes	
	E	4.3.3 Does the default browser provide the RealPlayer plug-in by default?	0 3	no / yes	
	E	4.3.4 Are missing browser plug-ins installed automatically?	0 3	no / yes	
4.4 Errors	Q	4.4.1 Were there any errors and / or warnings during any of the tests in this section?	-∞ < x ≤ 0 x=	If due to user fault, disregard, otherwise deduct points for errors. -1 for informative, -2 for critical, -3 for fatal	

5 SYSTEM ADMINISTRATION					
5.1 System Tools	D	5.1.1 Is there a GUI tool to administer user / group accounts?	0 3	no / yes	
	D	5.1.2 Is there a GUI tool to manage disk partitioning?	0 3	no / yes	
	D	5.1.3 Is there a GUI tool to handle boot-up behaviour? (run-levels)	0 3	no / yes	
	D	5.1.4 Is there a GUI tool to monitor system performance? (CPU / disk / memory usage)	0 3	no / yes	
	E	5.1.5 Is there a tool to add / update software on the system?	0 3	no / yes	
	E	5.1.6 How easy is it to use the software update tool?	0 1 2 3	very hard / hard / easy / very easy	
	E	5.1.7 Is there an automatic update tool for software?	0 3	no / yes	
	D	5.1.8 Does the upgrade mechanism support installing of software in formats other than the default? I.e. can you install RPM's on a DEB distro?	0 3	no / yes	
5.2 Errors	Q	5.2.1 Were there any errors and / or warnings during any of the tests in this section?	$-\infty < x \leq 0$ x=	If due to user fault, disregard, otherwise deduct points for errors. -1 for informative, -2 for critical, -3 for fatal	
6 NETWORKING					
6.1 Windows Networking	D	6.1.1 Are you able to mount a remote SMB share from the CLI, using the mount command?	0 3	no / yes	
	E	6.1.2 Can you browse Windows network shares?	0 3	no / yes	
	D	6.1.3 Can you use Windows networked printers without configuration?	0 3	no / yes	
	D	6.1.4 IF NO TO ABOVE, can this be configured?	0 3	no / yes	
	D	6.1.5 Were you able to successfully share a folder out which could be accessed by Windows clients?	0 3	no / yes	
6.2 Unix / Linux Networking	E	6.2.2 Were you able to mount a remote SAMBA share from a Unix / Linux machine?	0 3	no / yes	
	D	6.2.4 Were you able to create a SAMBA share and access it from a remote Unix / Linux machine?	0 3	no / yes	
6.3 Novell Networking	D	6.3.1 Were you able to browse Novell network resources?	0 3	no / yes	
6.4 LDAP	D	6.4.1 Do groupware applications support LDAP lookups?	0 3	no / yes	
6.5 Errors	Q	6.5.1 Were there any errors and / or warnings during any of the tests in this section?	$-\infty < x \leq 0$ x=	If due to user fault, disregard, otherwise deduct points for errors. -1 for informative, -2 for critical, -3 for fatal	
7 NOTES					

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		Desktop Results									Laptop Results					
1 INSTALLATION																
Test	E/D/Q	Description	Scoring	MAX	Ubuntu 5.10	Kubuntu 5.10	Fedora Core 4	SuSE 10.0 OSS	Novell Linux Desktop 9	Ubuntu 5.10	Kubuntu 5.10	Fedora Core 4	SuSE 10.0 OSS	Novell Linux Desktop 9	Fedora Core 4 (Test 2)	SUSE 10.0 Eval
1.1 Installation Media	E	1.1.1 Was boot media recognised and successfully booted?	0 3	3	3	3	3	3	3	3	3	ABORTED DUE TO MAJOR INSTALLATION FAILURE ON THREE SUCCESSFUL ATTEMPTS. SEE CONCLUSIONS	3	3	3	3
	Q	1.1.2 What is the installation media? e.g. single CD + net install, Set of CD's (specify #), single DVD etc.	n/a	0	1xCD	1xCD	4xCD	5xCD	3xCD	1xCD	1xCD		5xCD	3xCD	1xDVD	1xDVD
1.2 Boot-time control	D	1.2.1 Is there any level of boot control? i.e. Disable devices, install 3 rd party modules etc.	0 1 2 3	3	2	2	3	1	1	2	2		1	1	3	1
1.3 Language & Locale	E	1.3.1 Is the interface language selectable during installation?	0 3	3	3	3	3	3	3	3	3		3	3	3	3
	E	1.3.2 Are language changes activated immediately?	0 3	3	3	3	3	3	3	3	3		3	3	3	3
	D	1.3.3 Is there keymap selection during installation?	0 3	3	3	3	3	3	3	3	3		3	3	3	3
	D	1.3.4 Are keymap changes activated immediately?	0 3	3	3	3	3	3	3	3	3		3	3	3	3
1.4 Graphical Installation	D	1.4.1 Is there a GUI installer?	0 3	3	0	0	3	3	3	0	0		3	3	3	3
	D	1.4.2 Is an acceptable resolution used for install? (applies to text / graphical, points scale relative to hardware)	0 1 2 3	3	1	1	0	3	2	1	1		3	3	0	3
1.5 HD Recognition	E	1.5.1 Was the hard disk recognised and initiated?	0 3	3	3	3	3	3	3	3	3		3	3	3	3
1.6 Monitor Recognition	E	1.6.1 Is the monitor recognised and initiated?	0 3	3	3	3	3	3	3	3	3		3	3	3	3
1.9 HD Partitioning	D	1.8.1 To what extent is network configurable? Consider DSL / ISDN / Modem / WiFi etc.	0 1 2 3	3	1	1	1	3	3	1	1		3	3	1	3
	E	1.9.1 Is a default partitioning scheme selectable e.g. for a new machine?	0 3	3	3	3	3	3	3	3	3		3	3	3	3
	E	1.9.2 Is it possible to customise partitioning? To what extent?	0 1 2 3	3	3	3	3	3	3	3	3		3	3	3	3
1.10 Package Selection	D	1.10.1 Is there a choice of default installations? e.g. Desktop, Server, Laptop etc.? Not including DM choice.	0 3	3	3	3	3	0	0	3	3		0	0	3	0
	D	1.10.2 Is manual package selection available?	0 3	3	0	0	3	3	3	0	0		3	3	3	3
	Q	1.10.3 What package system does this distribution use? e.g. RPM, DEB, source, binary archive.	n/a	0	DEB	DEB	RPM	RPM	RPM	DEB	DEB	RPM	RPM	RPM	RPM	
	Q	1.10.4 Which build was selected (if any) and why?	n/a	0	Default	Default	Workstation	KDE	KDE	Default	Default	Default	KDE	Workstation	BOTH	
1.11 Desktop Environment Selection	D	1.11.1 Is there an option to choose Desktop Environment / Window Manager?	0 3	3	0	0	3	3	3	0	0	3	3	3	3	
	Q	1.11.2 Which DE / WM was selected? KDE, GNOME, XFCE etc.	n/a	0	GNOME ONLY	KDE ONLY	GNOME	KDE	GNOME	GNOME ONLY	KDE ONLY	GNOME	KDE	BOTH	GNOME	
1.12 On-line Update	D	1.12.1 Is it possible to update package list and / or patch system during install procedure?	0 3	3	0	0	0	3	3	0	0	3	3	0	3	
	D	1.12.2 Did this identify updates and install or identify lack of updates and continue? (Both score)	0 3	3	0	0	0	3	0	0	0	3	0	0	3	
1.13 User Configuration & Authentication	D	1.13.1 Is the user able to configure authentication mechanisms (NIS / LDAP etc.) at install?	0 3	3	0	0	0	3	3	0	0	3	3	0	3	
	D	1.13.2 Is it possible to test these settings during the install?	0 3	3	0	0	0	0	0	0	0	0	0	0	0	
	E	1.13.3 Is it possible to configure users during the install?	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
1.14 Boot-loader Configuration	D	1.14.1 Is there a choice of boot-loader during installation?	0 3	3	0	0	0	3	3	0	0	3	3	0	3	
	Q	1.14.2 Which boot-loader (if any) was chosen? e.g. LILO, GRUB etc.	n/a	0	GRUB ONLY	GRUB ONLY	GRUB ONLY	GRUB	GRUB	GRUB ONLY	GRUB ONLY	GRUB	GRUB	GRUB ONLY	GRUB	
	D	1.14.3 Did the boot-loader identify and activate other operating systems?	0 3	3	3	3	0	3	3	3	3	3	3	NT	NT	

1.14 Boot-loader

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Configuration	D	1.14.4 To what extent can the boot-loader be configured? Consider kernel parameters, time-out, password protection etc.	0 1 2 3	3	1	1	2	3	3	1	1		3	3	2	3	
1.15 Time	Q	1.15.1 How long did the installation take (approx.)?	n/a	0	1 hr 20 mins	1 hr 10 mins	40 mins	2 hrs 45 mins	50 mins	1 hr 10 mins	1 hr			1hr 45 mins	1hr	45 mins	1hr 40 mins
1.16 Errors	Q	1.16.1 Were there any errors and / or warnings during install?	--∞ < x <= 0 x=	0	0	0	0	0	0	0	0			-3	0	-4	-3
	Q	1.16.2 What were these due to?	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a			Needed to boot without ACPI	n/a	Needed to boot w/o FB + had to use text installer	Needed to boot without ACPI
TOTALS	Points Scored				41	41	48	64	60	41	41	0	61	61	44	58	
	As % Of Maximum Possible				54.67%	54.67%	64.00%	85.33%	80.00%	54.67%	54.67%	0.00%	81.33%	81.33%	58.67%	77.33%	
	Weighting for section		16.67		9.11	9.11	10.67	14.22	13.33	9.11	9.11	0	13.56	13.56	9.78	12.89	

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2 FIRST BOOT

2.1 Initial Boot	E	2.1.1 Did initial boot work?	0 3	3	3	3	3	3	3	3	3	3	3	3	3
2.2 Splash Boot	D	2.2.1 Upon booting, is there a splash screen displayed? Boot-loader splash not counted.	0 3	3	3	3	3	3	3	3	3	3	3	3	3
	D	2.2.2 Can the splash be disabled and / or be made more verbose?	0 3	3	0	0	3	3	3	0	0	3	3	3	3
2.3 Hardware Initialisation	Q	2.3.1 Are all devices initialised automatically? Can be checked using lspci / lsusb / cat /proc/acpi etc.	--∞ < x <= 0 x=	0	0	0	0	0	0	-2	-2	0	-5	-1	0
	Q	2.3.2 Which Device(s) failed to initialise automatically?	n/a	0	none	none	none	none	none	Video(-2) (needed manual install)	Video(-2) (needed manual install)	none	Sound(-1), Ethernet(-2) & WiFi(-2)	WiFi	none
2.4 Display Manager	E	2.4.1 Does the Display Manager (e.g. KDM / GDM etc.) start at boot?	0 3	3	3	3	3	3	3	0	0	3	3	3	3
	D	2.4.2 Does the DM start in an acceptable resolution? (Points scale relative to hardware)	0 1 2 3	3	3	3	3	3	3	0	0	2	2	2	2
	Q	2.4.3 Which Display Manager was loaded?	n/a	0	GDM	KDM	GDM	KDM	GDM	none (KDM)	none (GDM)	GDM	KDM	GDM	GDM
2.5 Desktop Environment	E	2.5.1 Does the chosen DE / WM load correctly and without errors?	0 3	3	3	3	3	3	3	3	3	3	3	3	3
	E	2.5.2 Are all aspects of the DE environment loaded correctly? Consider panel, WM, session manager, menu etc. (Identify missing components)	0 3	3	3	3	3	3	3	3	3	3	3	3	3
	D	2.5.3 Are useful menu features installed? Consider 'Recent Docs', 'Find' etc.	0 3	3	3	3	3	3	3	3	3	3	3	3	3
	E	2.5.4 Are appropriate sound notifications associated with desktop functions and applications?	0 3	3	3	3	0	3	3	3	3	3	3	0	3
	E	2.5.5 Does the desktop environment allow easy access to commonly used applications?	0 3	3	0	3	0	3	0	0	3	0	3	0	0
2.6 Language & Locale	E	2.6.1 Is the language selected during install successfully set upon first boot?	0 3	3	3	3	3	3	3	3	3	3	3	3	3
	E	2.6.2 Is the keymap selected during install successfully set upon first boot?	0 3	3	3	3	3	3	3	3	3	3	3	3	3
	E	2.6.3 Is the desktop environment available in native UK languages? Consider Welsh.	0 3	3	0	0	0	3	3	0	0	3	3	0	3
	E	2.6.4 How easy is it to switch the default language?	0 1 2 3	3	3	2	0	3	3	3	2	3	3	0	3
2.7 Errors	Q	2.7.1 Were there any errors and / or warnings during boot? Boot without splash to see this if necessary.	--∞ < x <= 0 x=	0	0	0	0	0	0	-3	-3	0	0	0	0
TOTALS	Points Scored			33	35	30	42	39	22	24	0	38	36	28	38
	As % Of Maximum Possible			78.57%	83.33%	71.43%	100.00%	92.86%	52.38%	57.14%	0.00%	90.48%	85.71%	66.67%	90.48%
	Weighting for section		16.67	13.1	13.89	11.9	16.67	15.48	8.73	9.52	0	15.08	14.29	11.11	15.08

3 DEVICES & PERIPHERALS

3.1 Networking (Ethernet)	E	3.1.1 Does the network auto configure when the machine was booted with Ethernet plugged in and with a DHCP server available on the local LAN?	0 3	3	3	3	3	3	3	3	3	3	3	0	3	3	
	E	3.1.2 Is it possible to configure Ethernet networking to use a static IP address? Check that changes are applied and work etc.	0 3	3	3	0	3	3	3	3	3	3	3	0	3	3	
	E	3.1.3 How easy is it to change the Ethernet configuration? Consider amount of dialogs, clutter, descriptive language used	0 1 2 3	3	3	2	3	3	3	2	2	3	3	3	2	3	
	Q	3.1.4 What Ethernet card does the machine have?	n/a	0	intel 82540EM	intel 82540EM	intel 82540EM	intel 82540EM	intel 82540EM	Intel PRO 2200BG	Intel PRO 2200BG	Intel PRO 2200BG	Intel PRO 2200BG	Intel PRO 2200BG	Intel PRO 2200BG	Intel PRO 2200BG	
	Q	3.1.5 What driver is being used for Ethernet?	n/a	0	e1000	e1000	e1000	e1000	e1000	tg3	tg3	tg3	none	tg3	none		
3.2 Wireless Networking (WiFi)	D	3.2.1 Does the WiFi auto configure when the machine was booted in range of a network and with a DHCP server available on the local LAN?	0 3	3	Laptop Only					0	0	0	0	0	0	3	
	E	3.2.2 Is it possible to configure the WiFi network by selecting an AP and using both DHCP and Static IP addressing?	0 3	3						3	3	0	0	0	0	0	3
	E	3.2.3 Does connecting to an AP using WEP encryption work?	0 3	3						3	3	0	0	0	0	0	3
	E	3.2.4 Does connecting to an AP using WPA encryption work?	0 3	3						0	0	0	0	0	0	0	0
	D	3.2.5 Is there a facility to browse for WiFi networks?	0 3	3						0	0	3	0	0	0	3	
	E	3.2.6 How easy is it to change the WiFi configuration? Consider amount of dialogs, clutter, descriptive language used, available options etc.	0 1 2 3	3						2	2	3	0	0	0	0	3
	Q	3.2.7 What WiFi card / chipset does the machine have?	n/a	0						ipw (Intel)	ipw (Intel)	ipw (Intel)	ipw (Intel)	ipw (Intel)	ipw (Intel)	ipw (Intel)	ipw (Intel)
	Q	3.2.8 What driver is being used for WiFi?	n/a	0						none	none	none	none	none	none	none	ipw2200
3.3 Sound & Video	D	3.3.1 Is the sound-card previously detected / selected during install recognised and initiated?	0 3	3	3	3	3	3	3	3	3	3	0	0	0	3	
	D	3.3.2 Is there relevant GUI tools to configure the sound-card? e.g. mixer, record-source selection etc. To what extent is it configurable using the installed tools?	0 1 2 3	3	2	3	3	3	3	2	3	3	3	3	3	3	
	D	3.3.3 Is 3D acceleration enabled?	0 3	3	3	3	3	0	0	3	3	0	0	0	0		
	Q	3.3.4 What sound-card does the machine have?	n/a	0	Intel ac'97	Intel ac'97	Intel ac'97	Intel ac'97	Intel ac'97	Intel ICH6	Intel ICH6	Intel ICH6	Unknown Intel	Intel ICH6	Intel ICH6		
	Q	3.3.5 What driver is being used for sound?	n/a	0	snd_intel8x0	snd_intel8x0	snd_intel8x0	snd_intel8x0	snd_intel8x0	snd_intel8x0	snd_intel8x0	snd_intel8x0	snd_intel8x0	snd_intel8x0	snd_intel8x0		
	Q	3.3.6 What video card does the machine have?	n/a	0	Intel 82865G	Intel 82865G	Intel 82865G	Intel 82865G	Intel 82865G	ATI Radeon X600	ATI Radeon X600	ATI Radeon X600	ATI Radeon X600	ATI Radeon X600	ATI Radeon X600		
	Q	3.3.7 What driver is being used for video?	n/a	0	Intel i810	Intel i810	Intel i810	Intel i810	Intel i810	ati / fglr	ati / fglr	radeon	fbdev	radeon	radeon		
3.4 USB	E	3.4.1 Is hot-plug enabled for USB keyboards? i.e. Can a USB keyboard simply be plugged in and used?	0 3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	E	3.4.2 Is hot-plug enabled for USB mice? i.e. Can a USB mouse simply be plugged in and used?	0 3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	E	3.4.3 If you plug a USB key / stick in, does the OS recognise it and allow it to be used?	0 3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	D	3.4.4 If this contain pictures, are you prompted to import / open the pictures?	0 3	3	0	0	3	0	0	0	0	0	0	0	0	0	
	D	3.4.5 When selecting yes to open / import pictures, is a default application successful in opening the pictures?	0 3	3	0	0	3	0	0	0	0	0	0	0	0	0	
	Q	3.4.6 Which application was used to open / import the pictures?	n/a	0	none	none	none	none	none	none	none	none	none	none	none	none	
	D	3.4.7 If you plug in a digital camera (USB), is the device mounted and browseable?	0 3	3	0	0	3	3	0	0	0	3	0	3	3		
	D	3.4.8 Upon plugging a digital camera in, are you prompted to open / import the contents?	0 3	3	0	0	3	3	0	0	0	3	0	3	3		
	D	3.4.9 Upon choosing to open / import camera contents, is the application successful?	0 3	3	0	0	3	3	0	0	0	3	0	3	3		

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	Q	3.4.10 Which application was used to open / import the pictures?	n/a	0	none	none	gthumb	f-spot	none	none	none		f-spot	none	gthumb	f-spot	
3.5 Removable Drives	E	3.5.1 Upon inserting a data CD, was the CD automatically mounted and browseable?	0 3	3	3	3	3	3	3	3	3		3	3	3	3	
	E	3.5.2 Upon inserting a data DVD, was the DVD automatically mounted and browseable?	0 3	3	3	3	3	3	3	3	3		3	3	3	3	
	E	3.5.3 Was an audio CD recognised?	0 3	3	3	3	3	3	3	3	3		3	3	3	3	
	D	3.5.4 Upon inserting an audio CD, did software automatically play the CD?	0 3	3	3	3	3	3	3	3	3		3	3	3	3	
	Q	3.5.5 What software (if any) was used for audio-CD playback?	n/a	0	GNOME CD-Player	KsCD	GNOME CD-Player	KsCD	KsCD	GNOME CD-Player	KsCD		banshee	KsCD	GNOME CD-Player	banshee	
	D	3.5.6 Was a commercial DVD recognised?	0 3	3	3	3	3	0	3	3	3		0	3	3	0	
	D	3.5.7 Upon inserting a DVD, did software play the video automatically?	0 3	3	0	0	0	0	0	0	0		0	0	0	0	
	Q	3.5.8 What software (if any) was used for DVD playback?	n/a	0	totem (attempted)	totem (attempted)	none	none	none	totem (attempted)	totem (attempted)		none	xine	none	none	
3.6 Local Printers	D	3.6.1 Does the machine respond to a USB inkjet printer being plugged in?	0 3	3	3	3	3	3	3	3		3	3	3	3		
	D	3.6.2 In what way does the machine respond to a hot-plugged printer?	n/a	0	Add Printer Wizard	Add Printer Wizard	Add Printer Wizard	Printer Config Wizard	Printer Config Wizard	Add Printer Wizard	Add Printer Wizard		Printer Config Wizard	Printer Config Wizard	Add Printer Wizard	Printer Config Wizard	
	Q	3.6.3 What USB inkjet printer was used?	n/a	0	Dell 720 Inkjet	Dell 720 Inkjet	Dell 720 Inkjet	Dell 720 Inkjet	Dell 720 Inkjet	Dell 720 Inkjet	Dell 720 Inkjet		Dell 720 Inkjet	Dell 720 Inkjet	Dell 720 inkjet	Dell 720 Inkjet	
	D	3.6.4 Can the printer be configured for different paper sizes, colours etc.? To what extent?	0 1 2 3	3	2	2	2	2	2	2	2		2	2	2	2	
	D	3.6.5 How easy is it to change printer configuration and settings?	0 1 2 3	3	3	2	3	2	2	3	2		2	2	3	2	
	D	3.6.6 Are all printing functions available after plugging a USB printer in?	0 3	3	0	0	0	0	0	0	0		0	0	0	0	
	E	3.6.7 IF NO TO ABOVE – Were drivers available on the Internet?	0 3	3	3	3	3	3	3	3	3		3	3	3	3	
	D	3.6.8 Does the machine respond to a consumer laser printer being plugged in?	0 3	3	0	0	0	0	0	0	0		0	0	0	0	
	Q	3.6.9 In what way does the machine respond to a hot-plugged printer?	n/a	0	none	none	none	none	none	none	none		none	none	none	none	
	Q	3.6.10 What laser printer was used?	n/a	0													
	D	3.6.11 Can the printer be configured for different paper sizes, colours etc.? To what extent?	0 1 2 3	3	2	2	2	2	2	2	2		2	2	2	2	
	D	3.6.12 How easy is it to change printer configuration and settings?	0 1 2 3	3	3	2	3	2	2	3	2		2	2	3	2	
	D	3.6.13 Are all printing functions available after plugging a laser printer in?	0 3	3	0	0	0	0	0	0	0		0	0	0	0	
	E	3.6.14 IF NO TO ABOVE – Were drivers available on the Internet?	0 3	3	3	3	3	3	3	3	3		3	3	3	3	
3.8 External Monitor	E	3.8.1 Does the machine respond to an external (DCC) monitor being plugged into it?	0 3	3	Laptop Only						0	0		3	0	3	3
	Q	3.8.2 Does the external monitor automatically display a new, or mirrored session?	n/a	0	Laptop Only						none	none		mirrored (low res)	none	mirrored	mirrored (low res)
	D	3.8.3 Does the monitor start in the desired resolution?	0 3	3	Laptop Only						0	0		0	0	3	0
	E	3.8.4 IF NO TO ANY OF THE ABOVE – was the external monitor configurable?	0 3	3	Laptop Only						0	0		3	0	0	3
3.9 Errors	Q	3.9.1 Were there any errors and / or warnings during any of the tests in this section?	-∞ < x ≤ 0 x=	0	0	-4	0	0	0	0		0	0	0	0	-2	
TOTALS	Points Scored				60	51	76	62	56	59	58	0	62	47	63	60	
	As % Of Maximum Possible				66.67%	56.67%	84.44%	68.89%	62.22%	50.43%	49.57%	0.00%	52.99%	40.17%	53.85%	51.28%	
	Weighting for section			16.67	11.11	9.44	14.07	11.48	10.37	8.4	8.26	0	8.83	6.7	8.97	8.55	

4 APPLICATIONS & FILE-TYPES																
4.1 Office Applications	E	4.1.1 Did all office applications install correctly? Check Ooo.org or koffice appropriately.	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
	Q	4.1.2 Which office suite was used?	n/a	0	OpenOffice.org 2.0	OpenOffice.org 2.0	OpenOffice.org 2.0	OpenOffice.org 2.0	OpenOffice.org 1.1	OpenOffice.org 2.0	OpenOffice.org 2.0	OpenOffice.org 2.0	OpenOffice.org 2.0	OpenOffice.org 1.1	OpenOffice.org 1.1	
	E	4.1.3 Did a PDF reader install correctly? Check evince, gpdf, xpdf Adobe Acrobat etc.	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
	Q	4.1.4 Which application was used to open PDF?	n/a	0	evince	kpdf	evince	xpdf	Adobe Acrobat	evince	evince	xpdf	Adobe Acrobat	evince	Adobe Acrobat	
	E	4.1.6 Do office applications provide full support for dictionaries in the selected language?	0 3	3	3	3	0	3	3	3	3	3	3	0	3	
	E	4.1.7 Do the standard fonts support a full range of special characters and symbols required in the public sector?	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
	D	4.1.8 Are VoIP applications installed by default?	0 3	3	0	0	3	3	3	0	3	3	3	3	3	
	D	4.1.9 Was other software such as games installed automatically?	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
4.2 File Manager Integration	E	4.2.1 Check the following (open from file manager, must be able to open and edit) Ms-Word (.doc)	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
	E	4.2.2 Ms-Excel (.xls)	0 3	3	3	3	3	3	3	3	3	3	3	3		
	D	4.2.3 Ms-Powerpoint	0 3	3	3	3	3	3	3	3	3	3	3	3		
	E	4.2.4 HTML	0 3	3	3	3	3	3	3	3	3	3	3	3		
	D	4.2.5 EXE (wine)	0 3	3	0	0	0	0	0	0	0	0	0	0		
	E	4.2.6 JPEG	0 3	3	3	3	3	3	3	3	3	3	3	3		
	E	4.2.7 GIF	0 3	3	3	3	3	3	3	3	3	3	3	3		
	E	4.2.8 TXT	0 3	3	3	3	3	3	3	3	3	3	3	3		
	E	4.2.9 BMP	0 3	3	3	3	3	3	3	3	3	3	3	3		
	D	4.2.10 MPEG	0 3	3	0	0	3	0	3	0	0	0	3	0	3	
	D	4.2.11 MP3	0 3	3	0	0	3	0	3	0	0	0	3	0	3	
	D	4.2.12 OGG	0 3	3	3	3	3	3	3	3	3	3	3	3		
	E	4.2.13 WAV	0 3	3	3	3	3	3	3	3	3	3	3	3		
4.3 Browser Integration	E	4.3.1 Does the default browser provide the flash plug-in by default?	0 3	3	0	0	0	0	3	0	0	0	3	0	3	
	E	4.3.2 Does the default browser provide a PDF plug-in by default?	0 3	3	3	3	3	3	3	3	3	3	3	3		
	E	4.3.3 Does the default browser provide the RealPlayer plug-in by default?	0 3	3	0	0	0	0	3	0	0	0	3	0	3	
	E	4.3.4 Are missing browser plug-ins installed automatically?	0 3	3	0	0	3	3	3	0	0	0	3	3	3	
4.4 Errors	Q	4.4.1 Were there any errors and / or warnings during any of the tests in this section?	..∞ < x <= 0 x=	0	0	0	0	0	0	0	0	0	0	0	-2	
TOTALS	Maximum for section				48	48	57	54	66	48	51	0	54	66	51	64
	As % Of Maximum Possible				69.57%	69.57%	82.61%	78.26%	95.65%	69.57%	73.91%	0.00%	78.26%	95.65%	73.91%	92.75%
	Weighting for section		16.67		11.59	11.59	13.77	13.04	15.94	11.59	12.32	0	13.04	15.94	12.32	15.46

5 SYSTEM ADMINISTRATION																
5.1 System Tools	D	5.1.1 Is there a GUI tool to administer user / group accounts?	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
	D	5.1.2 Is there a GUI tool to manage disk partitioning?	0 3	3	3	0	3	3	3	3	3	3	3	0	3	
	D	5.1.3 Is there a GUI tool to handle boot-up behaviour? (run-levels)	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
	D	5.1.4 Is there a GUI tool to monitor system performance? (CPU / disk / memory usage)	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
	E	5.1.5 Is there a tool to add / update software on the system?	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
	E	5.1.6 How easy is it to use the software update tool?	0 1 2 3	3	3	3	3	3	3	3	3	3	3	3	3	
	E	5.1.7 Is there an automatic update tool for software?	0 3	3	3	3	3	3	3	3	3	3	3	3	3	
	D	5.1.8 Does the upgrade mechanism support installing of software in formats other than the default? i.e. can you install RPM's on a DEB distro?	0 3	0	0	0	0	0	0	0	0	0	0	0	0	
5.2 Errors	Q	5.2.1 Were there any errors and / or warnings during any of the tests in this section?	--∞ < x <= 0 x=	0	0	0	0	0	0	0	0	0	0	0		
TOTALS	Maximum for section			21	21	18	21	21	21	21	21	0	21	21	18	21
	As % Of Maximum Possible			87.50%	87.50%	75.00%	87.50%	87.50%	87.50%	87.50%	87.50%	0.00%	87.50%	87.50%	75.00%	87.50%
	Weighting for section			16.67	14.58	14.58	12.5	14.58	14.58	14.58	14.58	0	14.58	14.58	12.5	14.58

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6 NETWORKING

6.1 Windows Networking	D	6.1.1 Are you able to mount a remote SMB share from the CLI, using the mount command?	0 3	0	0	0	3	3	0	0	0	3	0	0	3	
	E	6.1.2 Can you browse Windows network shares?	0 3	0	3	0	0	0	0	3		0	0	0	0	0
	D	6.1.3 Can you use Windows networked printers without configuration?	0 3	0	0	0	0	0	0	0		0	0	0	0	0
	D	6.1.4 IF NO TO ABOVE, can this be configured?	0 3	3	3	3	3	3	3	3		3	3	0	3	3
	D	6.1.5 Were you able to successfully share a folder out which could be accessed by Windows clients?	0 3	0	0	3	3	3	0	0		0	3	0	3	3
6.2 Unix / Linux Networking	E	6.2.2 Were you able to mount a remote SAMBA share from a Unix / Linux machine?	0 3	3	3	3	3	3	3	3	3	0	3	3		
	D	6.2.4 Were you able to create a SAMBA share and access it from a remote Unix / Linux machine?	0 3	3	3	3	3	3	3	3	3	0	3	3		
6.3 Novell Networking	D	6.3.1 Were you able to browse Novell network resources?	0 3	0	0	0	0	0	0	0	0	0	0	0		
6.4 LDAP	D	6.4.1 Do groupware applications support LDAP lookups?	0 3	3	3	3	3	3	3	3	3	3	3	3		
6.5 Errors	Q	6.5.1 Were there any errors and / or warnings during any of the tests in this section?	--∞ < x ≤ 0 x=	0	0	0	-2	0	0	0	0	0	0	0		
TOTALS	Maximum for section			12	15	15	16	18	12	15	0	18	3	15	18	
	As % Of Maximum Possible			44.44%	55.56%	55.56%	59.26%	66.67%	44.44%	55.56%	0.00%	66.67%	11.11%	55.56%	66.67%	
	Weighting for section		16.67	7.41	9.26	9.26	9.88	11.11	7.41	9.26	0	11.11	1.85	9.26	11.11	

Desktop Linux Test Plan

		Desktop Final Results					Laptop Final Results						
Distribution		Ubuntu	Kubuntu	FC4	SuSe 10.0	NLD	Ubuntu	Kubuntu	FC4	SuSe 10.0	NLD	FC4 (test 2)	SUSE Eval
RAW TOTAL		215	211	244	259	260	203	210	0	254	234	219	259
WEIGHTED TOTAL		66.90	67.88	72.17	79.87	80.82	59.83	63.06	0.00	76.20	66.91	63.94	77.67
WEIGHTED RANK		5	4	3	2	1	4	3	5	1	2	#VALUE!	

		Combined Final Results				
Distribution		Ubuntu	Kubuntu	FC4	SuSe 10.0	NLD
RAW TOTAL		418	421	244	513	494
WEIGHTED TOTAL		63.37	65.47	36.09	78.04	73.87
WEIGHTED RANK		4	3	5	1	2

Weighted scores

