

## Results from LinuxSupport web retrieved at 13:21 (GMT)

### AcerTravelmatePCMCIA

r2 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 17 Jun 2005, logged in as AndrasHorvath

### AcrontabScriptChanges

r2 - 2010-07-28 - 16:10 PeterJones

Changes to the Acrontab Perl Scripts These changes will be put in place in the next few weeks. Please contact me if you have any concerns about them File to Change...

### AddingAegirPlatform

NEW - 2010-09-02 - 11:04 JaroslavPolok

Initial platform installation Login to drupalsrv01 as aegir Create storage for platforms: mkdir /var/aegir/platforms Install standard drupal platform: drush...

### AddingNewDrupalSite

r2 - 2010-10-12 - 12:54 JaroslavPolok

Login as root on drupalsrv01, go to /data02/bin/, then run the following: 0. view owner details: phonebook a firstname name (use ONLY primary account login from...

### AddingNewHostedSystem

NEW - 2010-09-02 - 11:05 JaroslavPolok

Adding a new hosted system Go to Aegir web interface at aegir.web.cern.ch authenticate as admin . (Top menu: Content management Create content Site...

### AddLargeIDEDiskToLVM

r2 - 2007-04-17 - 10:50 JanIven

Linux Support FAQ entry 17 Apr 2007, original by mail from JaakkoKoivuniemi

### AegirInitialSetup

NEW - 2010-09-02 - 10:06 JaroslavPolok

Aegir configuration For all the configuration go to aegir web interface at aegir.web.cern.ch , authenticate as admin Hosting features configuration ( Hosting...

### AFSCacheCorruption

r7 - 2005-09-17 - 00:45 UnknownUser

Linux AFS client file corruption (from Rainer) A script `disk stress` creates a file, copies that file n times to a number of directories and compares the results...

### AfsPasswordChange

r3 - 2009-02-27 - 10:42 JanIven

Linux Support FAQ entry 13 May 2005, logged in as JanIven

### Aims2

r13 - 2022-04-08 - 14:09 DanielJuarez

aims2 NOTE This documentation is outdated and has been moved to an updated version on <https://linux.web.cern.ch/installation/aims/> for end users and <https://linuxops...>

### Aims2client

r25 - 2020-06-05 - 10:31 DanielJuarez

aims2client NOTE This documentation is outdated and has been moved to an updated version on

<https://linux.web.cern.ch/installation/aims/aims2client/>. Introduction...

### **Aims2deploy**

r6 - 2008-10-03 - 15:40 DanDengate

aims2deploy Deploying an aims2server This quick guide will take you through deploying an aims2 server. It should not take more than a few minutes from installing...

### **Aims2dev**

r5 - 2008-10-01 - 11:58 DanDengate

.completed { text decoration:line through; } Developments Introduction These are really just notes for the developer so do not expect to be able to make...

### **Aims2doc**

r2 - 2008-04-08 - 19:05 DanDengate

aims2doc aims2doc really consists of aims2twiki...

### **Aims2host**

r2 - 2008-03-26 - 16:29 DanDengate

aims2host module The aims2host module provides the functionality for manipulating pxe host objects in aims2. Module Methods add(\$self, %message) Add a...

### **Aims2how2**

r13 - 2020-06-05 - 10:31 DanielJuarez

Quick How to NOTE This documentation is outdated and has been moved to an updated version on <https://linux.web.cern.ch/installation/aims/aims2client/>. Introduction...

### **Aims2image**

r2 - 2008-03-26 - 16:35 DanDengate

aims2image module The aims2image module provides the nessessary methods for dealing with pxeboot images. Module Methods add( \$self, %message ) Add a new...

### **Aims2krb**

r6 - 2008-06-26 - 17:04 DanDengate

aims2 Kerberos 5 Introduction This recipe guide should demonstrate to you how to configure the server for Kerberos authentication. Many thanks to Bernard Antoine...

### **Aims2log**

r3 - 2008-03-26 - 16:53 DanDengate

aims2log module The aims2log module topic is still pending completion.

### **Aims2oracle**

r4 - 2008-05-19 - 14:03 DanDengate

aims2oracle Enabling Oracle sqlplus support The following should be run: yum install enablerepo cern only enablerepo cern extra oracle instantclient basic...

### **Aims2prepare**

r10 - 2008-10-01 - 11:48 DanDengate

aims2 PrepareInstall Introduction to PrepareInstall PrepareInstall is a script used by the Quattor/Elfms community at CERN to assist in the installation of Elfms...

### **Aims2server**

r14 - 2009-02-03 - 10:53 JanIven

Installation Servers Introduction AIMS2 servers have two main roles. The first is to service client requests, handling new registrations, permissions checks and interaction...

### **Aims2www**

r3 - 2008-06-30 - 17:01 DanDengate

aims2 Web Interface Introduction tbc Where is it? tbc What does it do? tbc Where can I give feedback? tbc

### **AIMSAlternatives**

r3 - 2007-10-01 - 16:26 DanDengate

### **AIMSMachineHandover**

r5 - 2010-02-17 - 14:02 JaroslavPolok

Linux Support FAQ entry 16 May 2007, logged in as JanIven

### **AIMSReplacement**

r5 - 2007-09-14 - 14:37 DanDengate

Proposing an alternative to AIMS The current cumulative process of configuring AIMS to install a new machine is very labour and time intensive and requires significant...

### **AIMSReplacementWorkPlan**

r10 - 2007-11-15 - 10:49 DanDengate

Project Work Plan Status Outline Schedule Stage 1 Documentation Period: 17/09 30/09 (2 weeks) Outline of tasks: Investigate, understand and document...

### **AllowAccessforAIMS**

r4 - 2008-04-25 - 17:43 PeterKelemen

How to add new users to AIMS (for automated Kickstart installs, PXE or otherwise) Group Determine group for the user, this defines the AFS directory where Kickstart...

### **AllowAccessforRHE**

r12 - 2018-11-13 - 10:13 JaroslavPolok

Installation/updates repositories for licensed Red Hat Enterprise Linux / Virtualization / Extended Lifetime Support are available only on internal CERN networks....

### **ApprovedBySupport**

r2 - 2006-05-19 - 16:33 JanIven

This selection box indicates the status of the Q A not all solutions found here are `official` in the sense that somebody from the LinuxSupportTeam has reviewed...

### **ArcdOnSLC**

r7 - 2008-12-11 - 17:48 MatthiasSchroeder

Linux Support FAQ entry 17 Aug 2005, logged in as AndrasHorvath

### **AutomatedInstallationsInTheCC**

r3 - 2008-07-14 - 18:41 DanDengate

label, .th {color:darkblue;font size:8pt;font weight:bold;} .test {color:orange;font size:10pt;font weight:bold;}  
.result {color:green;font size:10pt;font weight...

### **BackSpaceKeyTrouble**

r2 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 13 May 2005, logged in as JanIven

### **BasicFailover**

r2 - 2010-12-01 - 17:07 JaroslavPolok

drupalsrv02 runs as a hot spare for drupalsrv01, databases content is replicated `on the fly`, filesystem content is mirrored every 15 minutes. In order to move service...

### **BatchScriptChanges**

r2 - 2010-07-28 - 16:10 PeterJones

Changes to the LSF Batch Perl Scripts These changes will be put in place in the next few weeks. Please contact me if you have any concerns about them File to Change...

### **BodhiInstallationGuide**

r7 - 2007-07-12 - 11:26 LeszekGrzanka

Bodhi Installation Guide On 12 July 2007 I tried to install bodhi. According to instruction on wiki: Config changes, old python sqlobject: root@lxxen0 u2 7 # hg...

### **BuildingRPMswithKoji**

r23 - 2022-04-08 - 14:17 DanielJuarez

Deprecated documentation This documentation is out of date, please refer to the latest version at: <https://linux.web.cern.ch/koji/> . Quickstart Get familiar...

### **BuildingSystem**

r9 - 2012-07-24 - 13:59 ThomasOulevey

Definition Build Cern RPMS in a centralized system and distribute package in our repositories. Requirement Approval process ; keep it manual but easy way to...

### **BuildingWithMockchain**

NEW - 2015-04-28 - 10:08 ThomasOulevey

Introduction Few words on mock \$ yum install mock Few words on mockchain mockchain is part of the mock package \$ which mockchain /usr/bin/mockchain mockchain on...

### **BuildPackageAgainstSpecificKernel**

r4 - 2012-12-06 - 09:58 ThomasOulevey

Build a package against specific kernel log in to ssh build@lxdist01 usage: /mnt/data2/home/build/bin/buildmodules.sh n k kernel d dist This script...

### **BuildSystemFeatures**

r8 - 2007-06-29 - 10:36 LeszekGrzanka

SLCB (currently developed build system for SLC based on plague) Advantages: works on slc4 (python 2.3, sqlite) can build in separate chroots and manage them...

### **BuyBlackBox**

NEW - 2005-04-25 - 16:35 UnknownUser

Currently: we're building more than enterprise grade storage from commodity components Proposed change: buy Big Black Boxes from some Unknown Vendor which would...

### **CannotAccessAFS**

r2 - 2008-07-09 - 16:27 PeterKelemen

Linux Support FAQ entry 08 Jul 2008, logged in as PeterKelemen Make sure that your system clock is synchronized: ntpdate your.time.server.domain.tld Make...

### **CDBTemplateScript**

r2 - 2007-09-21 - 11:57 LeszekGrzanka

CDB template generation script Typical usage Prepare config file test.cfg on machine which has access to desired repositories: output pro software packages defaults...

### **CERNAlerterForLinux**

r8 - 2011-07-05 - 15:14 SvetoslavZhelev

Short Introduction The main purpose of the CERN Alerter application is to provide one way messaging

system for distributing important CERN information to the users...

#### **CernSSOCurl**

r2 - 2012-07-20 - 11:56 JaroslavPolok

THIS DOCUMENTATION IS OBSOLETE PLEASE VISIT: <http://cern.ch/linux/docs/cernssocookie.shtml>  
FOR UP TO DATE DOCUMENTATION Accessing CERN SSO protected pages using...

#### **CleanUpAfterYUMErrors**

NEW - 2006-09-14 - 13:12 JanIven

Linux Support FAQ entry 14 Sep 2006, logged in as JanIven

#### **CobblerKoan**

r12 - 2008-07-01 - 13:58 DanDengate

Cobbler and Koan Cobbler Cobbler is a network boot and update server. Cobbler supports PXE, provisioning virtualized images, and reinstalling existing Linux machines...

#### **CompilationErrorsOnSLC4**

r5 - 2007-02-06 - 13:12 JanIven

Linux Support FAQ entry 30 Jan 2007, logged in as JanIven

#### **CompsXmlShortcomings**

r3 - 2007-05-23 - 11:00 JaroslavPolok

Things we or TUV need to fix in the next (4.5) version of comps.xml: The group `base x` includes the group `printing`, but many packages in `printing` require...

#### **ConfigureApacheSSLonSLC**

r2 - 2014-09-09 - 18:07 MatthiasSchroeder

Procedure to Install an Cern SSL Host Certificate on Apache SLC6 Step 1 : Generate the certificates : [cern.ch/ca](http://cern.ch/ca) Step 2 : Download newcert.cer, privkey.pem...

#### **ConfigureSendmailForCERN**

r3 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 13 Sep 2005, logged in as JanIven

#### **ConnectToSLC3**

r4 - 2010-02-17 - 14:04 JaroslavPolok

Linux Support FAQ entry

#### **ConnectVirtualMachineConsole**

NEW - 2012-02-20 - 10:56 ThomasOulevey

Connect to `cernts2012` with your AD account. Then launch Virtual Machine Manager and connect to server [cernvmm:8100](http://cernvmm:8100) Frist select Virtual machine in the...

#### **ContributePatchCernOpenafs**

NEW - 2014-01-09 - 11:58 ThomasOulevey

Introduction Openafs patch should go through GIT for trace ability Git access You need to be part of linux adm Procedure git clone [/afs/cern.ch/project/afs](http://afs/cern.ch/project/afs)...

#### **CPUTimeBroken**

r3 - 2008-03-19 - 17:13 JanIven

FIO Fs has reported issued with LSF killing jobs due to them exceeding the CPU time limit. On investigation, it turned out that these jobs could not have accumulated...

#### **CustomShibIntegration**

NEW - 2010-09-02 - 09:22 JaroslavPolok

Custom provisioning templates Aegir provision module uses templates for virtual hosts creation, these templates are stored in ~aegir/.drush/provision/http/{apache...

**DeviceNumbersChanging**

r2 - 2006-05-19 - 16:34 JanIven

Linux Support FAQ entry 10 Mar 2006, logged in as JanIven

**DiskServerIONice**

r2 - 2005-06-06 - 11:39 UnknownUser

The main idea is that when many incoming and outgoing streams are competing for disk access, we give priority to outgoing streams with the other endpoint being a tapeserver...

**DiskServersSingleDirection**

r2 - 2005-05-02 - 12:17 UnknownUser

Currently: Disk servers are used at the same time for writing to and reading from. This leads to performance problems due to contention in the disk hardware (seeks...

**DistccAsAService**

r4 - 2015-03-30 - 15:33 ThomasOulevey

Distcc as a service Introduction distcc is a program to distribute builds of C, C , Objective C or Objective C code across several machines on a network. distcc...

**DistccPilotProject**

r3 - 2009-03-03 - 18:00 IanBaker

IanBaker 11 Feb 2009 Introduction Welcome to the distcc pilot service TWiki page. The purpose of this page is to provide information to users involved in the distcc...

**DistccPilotService**

r38 - 2013-09-11 - 09:14 JanVanEldik

distcc Pilot Service Announcements Introduction Welcome to the distcc pilot service TWiki page. The purpose of this page is to provide information to users involved...

**DistFsEval**

r8 - 2005-10-26 - 12:53 UnknownUser

A look at the current status of clustering and cluster filesystems OCFS2 from Oracle Quote: It is an extent based, POSIX compliant file system. Unlike the previous...

**DockerRegistry**

r4 - 2016-09-22 - 07:50 JaroslavPolok

As of 21.09.2016 Docker registry has been replaced by GitLab integrated docker registry: [https://cern.service.now.com/service\\_portal/view\\_outage.do?n\\_OTG...](https://cern.service.now.com/service_portal/view_outage.do?n_OTG...)

**DUPAddOns**

r4 - 2008-11-05 - 14:28 JaroslavPolok

RHEL5 Driver Update Program Add On drivers for SLC5 Goal To rationalize additional kernel module management / building / deployment for Scientific Linux (CERN)...

**EmailClientsForSLC4**

NEW - 2007-11-19 - 13:58 PeterJones

Linux Support FAQ entry 19 Nov 2007, logged in as PeterJones What is the CERN recommended email client for SLC4? I am used to using Pine is available and there is...

**EmptyPagePrintingfromBrowser**

r2 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 09 Jun 2005, logged in as JanIven Firefox paper size selection dialog:

**EnableLinuxSupport**

NEW - 2012-05-29 - 13:47 ThomasOulevey

cern linuxsupport access Introduction cern linuxsupport access can be used to enable/disable root access to the machine by CERN Linux.Support personnel (2nd and 3rd...

**EnhanceNetworking**

r3 - 2005-12-07 - 13:31 UnknownUser

Currently: Disk servers and tape servers are individual machines connected via a Gigabit Ethernet line. Current disk servers can internally deliver up to 300MB/s and...

**ExampleRH73Announcement**

NEW - 2005-05-20 - 09:58 UnknownUser

AndrasHorvath 20 May 2005

**ExploringMSWindowsSynergies**

NEW - 2010-08-20 - 13:17 JaroslavPolok

Few ideas IM integration: pidgin sipe plugin (prepared for SLC5 in testing) OCS integration: SIPE over TCP ... gateways for Linux access to MS OCS ?... to...

**FAQ**

NEW - 2009-03-20 - 14:41 JaroslavPolok

Frequently Asked Questions Frequently asked questions including answers: please ask support questions via [mailto:helpdesk #64;cernNOSPAMPLEASE.ch](mailto:helpdesk#64;cernNOSPAMPLEASE.ch).

**FeatureListForSLC4**

r16 - 2007-09-24 - 16:40 JanIven

Issues and features that need to be resolved/included in SLC4. Firstboot should ideally (finally) include user creation from LanDB, root mail setup. (low...

**FeatureListForSLC5**

r9 - 2008-06-13 - 15:15 MatthiasSchroeder

Collection point for SLC5 things Other links: (ELFms) ScientificLinux5Port certification page (please add a tag to see who wants want) try to use add...

**FileMarks**

r3 - 2005-05-26 - 16:13 UnknownUser

Currently: Three `File Marks` per file are written now by Castor (with a small data packet before and after the file), to help identifying tape positions. This is...

**FioLaDesktops**

r27 - 2009-11-26 - 15:05 MatthiasSchroeder

List of `personal` machines in FIO LA (should include principal desktop/laptop, will be used to see who gets new hardware. Not necessarily complete or up to date)...

**FirewallForVRWSONSLC3**

r4 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 13 May 2005, logged in as JanIven

**FixRHNAuseofService**

NEW - 2011-09-15 - 09:04 JaroslavPolok

mrepo mirroring sometimes gets blocked by Red Hat Network as a symptom you will see that no new updates

for binary RHEL rpm appear when updatelrpms is being run...

**FujitsuEspressoP5615**

r3 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Comments: It's impossible to install SLC4 by PXE because there isn't the ethernet driver (nVidia MCP51), so it is unusable!! It works with...

**FujitsuEspressoP5905**

r3 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Comments: This desktop is really perfect to install slc4, we have only to use the install cd to have a perfect installation!

**FujitsuEspressoP5916**

r3 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Comments: The network card doesn't work with SLC4! Also the sound doesn't work! So the Test is failed!!

**FunnyThingsOn64Bit**

r3 - 2010-05-20 - 09:39 JaroslawPolok

Things currently broken on IA64 and/or Opterons. IA64 has usually more constructive/repeatable behaviour.. Kerberos4: libdes mixup segfault (SLC3, SLC4 to...

**GigabitSK9521Card**

r2 - 2010-02-17 - 14:05 JaroslawPolok

Linux Support FAQ entry 01 Dec 2006, logged in as MatthiasSchroeder

**GlibcDnsLoadBalancing**

r6 - 2009-03-13 - 01:08 PeterKelemen

Issue Both in SLC4 and SLC5, getaddrinfo() in glibc sorts multiple IP addresses returned by DNS according to the algorithm defined in RFC3484. The implementation...

**GnomeIsSlowOnSLC3**

r2 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 13 May 2005, logged in as JanIven

**GnomeIsStuckOnAFS**

r3 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 02 Jun 2005, logged in as JanIven

**GrubStage2Issues**

r6 - 2010-05-20 - 09:39 JaroslawPolok

`GRUB Loading Stage 2` after a reinstallation Symptom is that a freshly installed machine boots, goes through the BIOS screens, then says GRUB Loading stage2 . And...

**GssApiProblem**

r7 - 2009-01-19 - 14:43 JanIven

GSSAPI should be preferably used over (direct) Kerberos5 or even Kerberos4, but the current GSSAPI libraries seem to do stupid things like resolving a server hostname...

**HowToBuildSLCWithMock**

r6 - 2007-03-14 - 11:09 LeszekGrzanka

How to use mock to build packages for SLC Introduction Mock project web page is here:

<http://www.fedoraproject.org/wiki/Projects/Mock> (mock parameters explained)...

**HowToInstallPlague**



r3 - 2006-11-27 - 15:30 LeszekGrzanka

Installation @ SLC4 Installation process goes in few steps. First is installation on 3 machines : server, builder and client. Next we have to configure all machines...

**HowToRunASLC3MigrationCampaign**

NEW - 2005-12-02 - 17:04 JanIven

Work directory is in /afs/cern.ch/project/linux/www/internal/SLC3 migration campaign/ Read README and SLC3 migration campaign.pl You will need to copy files by...

**HowToTestDesktops**

r9 - 2010-05-21 - 14:26 JaroslawPolok

Desktop/Notebook Tests: New test: (Use a name in WikiNotation)

**HowToTestFarmNodes**

r5 - 2005-11-28 - 17:09 JanIven

Tests: New test: (Use a name in WikiNotation) AndrasHorvath 20 May 2005

**HPCompaqNC6220**

r10 - 2010-05-20 - 09:39 JaroslawPolok

Desktop/Notebook test Comments: Last tested on Wed Jan 25 2006 with SLC 3.0.6. some flickerking in graphical installer and XFree86 (in 800x600 mode)...

**HpDc5750**

r8 - 2007-07-18 - 12:20 JanIven

Desktop/Notebook test Comments: Update 22.02.2007: BIOS Storage option set to `standard` value: `Native Mode IDE` SLC4.4 i386/x86 64 installs OK. BIOS Storage...

**HpDc7600**

r3 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Comments: It's perfect to install linux on.

**HpDc7700**

r12 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Update 04.02.2008 : In order to run virtualized 64 bit guest operating systems with Xen, VMware etc., set Security OS Security Intel...

**HpDc7800**

r10 - 2010-05-20 - 11:21 NilsHoeimyr

Desktop/Notebook test Comments: Test made with SLC 4.6 (32 and 64bits install OK) `pci nommconf` mandatory to start the installer (and the machine)...

**HPEliteBook8440p**

r6 - 2010-08-20 - 09:15 JaroslawPolok

Desktop/Notebook test Comments: 1. Install only in text mode. (no VESA modes available for NVIDIA NVS3100 card...) 2. After first reboot: yum install xorg x11 drv...

**HPEliteBook8540p**

r13 - 2010-08-20 - 09:14 JaroslawPolok

Desktop/Notebook test Comments: 1 Std install 1 yum install iwl6000 firmware 1 yum install xorg x11 drv nvidia 1 nvidia config display enable 1 use...

**HPNC6400**

r10 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Comments: The video card works with vesa driver (1280x960). Update: This is not the physical resolution of the device (1280x800). The...

**HWTestTemplateText**

r2 - 2005-05-20 - 13:19 UnknownUser

Hardware test Comments: Extra tests:

**IbmEserver326Opteron**

NEW - 2005-06-10 - 10:35 UnknownUser

Hardware test Comments: SATA disk uses libata no hdparm, no smartctl (our kernel is too old) Extra tests:

**IbmEserver336Nocona**

NEW - 2005-06-10 - 14:58 UnknownUser

Hardware test Comments: PXE install failed to turn off DHCP replies (got in a loop reinstalling itself) using libata (no smart, no hdparm, but of course...

**IbmT60**

r14 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Comments: SOLVED with SLC4.4 : Ethernet works but not with the driver that is on the install cd (e1000). NOTE: 0.9.2 works...

**IBMThinkPadT42**

r4 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Comments: (no formal test record for this machine, this entry just tracks issues found by our users) Under SLC4, the machine may not shutdown...

**IDSNetConnectionLogger**

r3 - 2007-01-12 - 12:03 JanIven

current situation CERN CC netlog is a custom kernel module for SLC3. It provides the following data (based on DESIGN document from CERN CC netlog package): connect...

**ImprovementsForSLC4**

r2 - 2007-11-14 - 11:03 JanIven

This is just a collection of ideas which things around SLC46 could be improved. This is no commitment to really do what is said here. Feel free to comment on the individual...

**IncomingUpdateWorkflow**

r21 - 2013-01-07 - 09:25 ThomasOulevey

Automate the workflow for package updates First concepts and propositions We need a tool that automates as far as possible the workflow for package updates, recompilation...

**InstallingXenHypervisor**

r9 - 2007-06-14 - 12:24 JanIven

NOTE : SLC4.5 is not released yet, this procedure will be possible only after 23.05.2007 EXPERIMENTAL installation of XEN Hypervisor on host SLC45/i386 or SLC...

**InstallingXenParaVirtualizedSLC3**

r8 - 2007-06-14 - 12:26 JanIven

EXPERIMENTAL Xen guest domain installation for SLC 3.0.8 / i386 PLEASE NOTE : This is Work In Progress and NOT production quality release: it may or may not...

**InstallingXenParaVirtualizedSLC4**

r13 - 2008-05-07 - 16:28 JanIven

TEST Xen guest domain installation for SLC 4.X / i386 or SLC 4.X / x86 64 PLEASE NOTE : This is Work

In Progress and NOT production quality release: it may...

### **InstallingXenParaVirtualizedSLC4onSL5**

r2 - 2009-07-01 - 10:18 MatthiasSchroeder

SL(c)5 does support virtual machines far better than SLC4 (where a special kernel was required). Once you have installed you dom0 with Xen support # yum install y...

### **Ipw2200forSLC3**

r2 - 2005-09-26 - 11:25 UnknownUser

Problems: versions later than 1.0.1 OOPS after some random time when machine is idle UPDATE: version 1.0.1 also OOPS es but it takes much longer to hit the...

### **IscsiToolDebug**

NEW - 2013-03-19 - 09:53 ThomasOulevey

root@volume server:# ietadm op new tid 1 params Name iqn.foo.bar:test1 root@volume server:# ietadm op show tid 1 root@compute client:# iscsiadm m discovery...

### **IssuesWithPackagesInTesting**

r5 - 2013-01-07 - 09:25 ThomasOulevey

Please note down any issues that you observe with the packages currently in testing. Package Version OS version Architecture Build date Your name Issue...

### **JavaOn64BitMemory**

r3 - 2007-11-01 - 08:30 JanIven

Linux Support FAQ entry 18 Jan 2007, logged in as JanIven

### **JeanTheServant**

NEW - 2010-10-29 - 17:14 UnknownUser

Milestone planning: 1. hardware and development environment (2010 11 01) 1. builder VMs (2010 11 15) 1. repodata merger (2010 12 15) 1. submission to binary...

### **Kerberos4PhaseOut**

r2 - 2008-12-11 - 13:58 JanIven

Initial attempts to get rid of Kerberos 4 have been made as far back as March 2007 (DTF). Reasoning is that the protocol is unmaintained, has theoretical weaknesses...

### **KerberosAuthWWW**

r2 - 2008-11-26 - 17:59 JanIven

Linux Support FAQ entry 03 Jul 2006, logged in as JanIven

### **KerberosFuture**

r12 - 2009-01-04 - 19:59 JanIven

(collection point for `general future Kerberos things related to Linux`) Current IT FIO runs KDCs for CERN.CH used by the UNIXish clients for authentication, and...

### **KerberosMigrationTests**

r4 - 2006-07-03 - 17:33 JanIven

Kerberos client checklist List of things that should get checked whenever we bricolage with kerberos5 configs, ssh, PAM etc. Test setup description: Hostname...

### **KerberosViaSSHNoAFS**

r5 - 2008-10-29 - 15:17 JanIven

AFS (and X11) broken when logging in via SSH Starting around the last week of June, we see several support requests along the lines of `no AFS token after SSH` or...

### **KinitVsKlog**

r3 - 2007-06-15 - 17:41 JanIven

Linux Support FAQ entry 31 Oct 2006, logged in as JanIven

### **KoanMan**

NEW - 2007-09-26 - 15:58 DanDengate

Koan THE COBBLER SERVER LISTING AVAILABLE RESOURCES MAIN COMMANDS VIEWING THE INSTALLATION DATA VIRTUALIZED INSTALLS REINSTALLATION NOTES...

### **KojiMaintenance**

r16 - 2014-12-02 - 15:06 ThomasOulevey

Koji User management Web interface Connect with firefox : <https://koji.cern.ch/koji/> Authentication is done with Kerberos so you need to add in `about:config` two...

### **KojiMaintenance2**

NEW - 2015-06-08 - 10:57 ThomasOulevey

Koji Koji integration Linuxsoft Egroups User management Web interface Connect with firefox : <https://koji.cern.ch/koji/> Authentication is done with Kerberos so...

### **LargeTapeServer**

NEW - 2005-05-03 - 10:07 UnknownUser

Description take an HP rx7620 (max. 8 CPUs, 16 32GB of RAM, 15 PCI X slots, 8GByte/s I/O bandwidth) add one 10Gb NIC 800 900MByte/s network I/O add up...

### **LemonConfiguration**

r3 - 2014-01-10 - 15:07 ThomasOulevey

Configure Lemon Install needed packages Configure the repository: /etc/yum.repos.d/swrep x86 64 slc6.repo swrep x86 64 slc6 name CERN SWrep x86 64 slc6 baseurl...

### **LenovoThinkPadT510**

NEW - 2010-08-20 - 09:40 JaroslavPolok

Desktop/Notebook test Comments: All OK, accepted optional install of nvidia drivers: yum install xorg x11 drv nvidia resume from suspend fails with nvidia driver...

### **LHCStoragePlanning**

r4 - 2005-05-11 - 10:31 UnknownUser

What is this? We're working on the changes needed in policy, technical configuration, up to the storage model in the data storage system foreseen for LHC. That is...

### **LifeBook**

NEW - 2005-07-11 - 14:55 JaroslavPolok

Line of Fujitsu Siemens laptops.

### **Linux3rdLevel**

r6 - 2009-05-15 - 16:43 JanVanEldik

FIO service managers can use a privileged access Remedy flow to the Linux Support Team, by opening a ticket to the `Linux 3rdLevel`. A mail interface exists: Linux...

### **LinuxDistributionServer**

r19 - 2015-04-21 - 14:35 ThomasOulevey

Hardware Server Public IP Private IP lxdist01 137.138.144.39 192.168.0.111 lxdist02 137.138.144.40 192.168.0.112 lxdist03 137.138....

### **LinuxDistributionServerWigner**

r4 - 2016-05-31 - 09:31 ThomasOulevey

Architecture These servers provide only TFTP service for the moment. The sync is provided by lsyncd (using inotify to rsync) on lxdist cluster. Hardware Server...

#### **LinuxForControls**

NEW - 2005-11-28 - 12:04 JanIven

(placeholder)

#### **LinuxHardening**

r3 - 2008-11-13 - 16:41 JanIven

Collection point for various ideas how we could make life more difficult for hackers i.e. limit extent of a compromise. Examples: successful service compromise...

#### **LinuxiSCSI**

r4 - 2005-08-12 - 11:01 UnknownUser

Background (first, Google iSCSI) It turns out that there are a number of projects that provide iSCSI target code now for Linux (initiators have been around for some...

#### **LinuxSmartCard**

r13 - 2012-07-23 - 09:25 JaroslawPolok

This documentation is obsolete: up to date documentation available at:

<http://cern.ch/linux/docs/smartcards.shtml> (How and if we can use Smartcards under Linux. IT...

#### **LinuxStatistics**

r19 - 2007-10-19 - 18:02 JanIven

collect usage info from various sources, generate shiny graphs. Updaters Monitor the number of machines that pull updates from the linuxsoft service. (This has now...

#### **LinuxSupport**

r7 - 2010-02-17 - 14:11 JaroslawPolok

Linux @ CERN Web site: <http://cern.ch/linux> Support: [linux.support@cern.ch](mailto:linux.support@cern.ch) #64;cernNOSPAMPLEASE.ch

Frequently Asked Questions: [http://cern.ch/it\\_faqs/](http://cern.ch/it_faqs/)...

#### **LinuxSupportFAQ**

r7 - 2010-02-17 - 14:09 JaroslawPolok

Frequently Asked Questions (FAQ) THIS LIST IS NOT MAINTAINED ANYMORE, please use the IT FAQs at [http://cern.ch/it\\_faqs/](http://cern.ch/it_faqs/) Please note that by its nature this is work...

#### **LinuxSupportFAQForm**

r4 - 2009-09-21 - 13:56 JanVanEldik

Name Type Size Values Tooltip SupportProblem textarea 80x3 original problem description, please include relevant keywords SupportAnswer...

#### **LinuxSupportInternals**

r113 - 2022-04-08 - 14:14 DanielJuarez

This documentation is outdated and has been moved to an updated version on <https://linuxops.web.cern.ch/> . Whatever you may find here is kept for historical purposes...

#### **LinuxSupportPeople**

r3 - 2016-02-04 - 15:51 ThomasOulevey

People As of 2016 Linux Support IT service is composed of: Jaroslaw (Jarek) Polok service responsible Thomas Oulevey backup service responsible Above...

#### **LinuxSupportServiceMeeting090305**

r2 - 2009-03-05 - 11:48 JanVanEldik

Linux Support service meeting, 090503 Actions SLC53 roll out ... Status reports Jarek Peter Matthias Jan installing desktop...

**LinuxSupportSLC3FAQ**

r3 - 2005-11-28 - 17:10 JanIven

Frequently Asked Questions (FAQ) Please note that by its nature this is work in progress. More topics will appear as we receive feedback.. Submit a new FAQ NOTE...

**LinuxSupportSLCFAQ**

r4 - 2006-05-12 - 11:41 JanIven

Frequently Asked Questions (FAQ) Please note that by its nature this is work in progress. More topics will appear as we receive feedback.. Submit a new FAQ NOTE...

**LinuxTraining**

r5 - 2008-10-14 - 10:46 JanIven

Audience The course will target newcomers to CERN who will need to work with CERN Linux machines, both as users and as (small scale) system administrators. Some level...

**LocalCacheForTapeServers**

NEW - 2005-04-25 - 16:19 UnknownUser

Currently: tape servers use their memory cache to collect multiple streams from disk servers and then write to tape. Outgoing data is not effectively cached. Proposed...

**LocalFsEval**

r17 - 2006-04-01 - 01:30 UnknownUser

Goal Analyze SLC4 XFS stability on 32 bit/64 bit platforms and to provide a comparison matrix of various setups for HEPiX 2006. Machines Networked setups use servers...

**LxSoft**

r4 - 2008-02-19 - 15:27 PeterKelemen

Raid configuration hwraidman info sort t, k6 n tail 2 hwraidman destroy echo `3ware,c0, ,RAID 1, , ,:2:3, ` hwraidman create echo `3ware,c0, ,RAID...

**ManageLinuxsoftBarn**

r9 - 2016-02-03 - 08:57 ThomasOulevey

Introduction TODO until migration () `IT LINUXSOFT IPMI` landb set should be modifiable by `lxsoft admins` not jarek only Prerequisites Be part of `lxsoft`...

**MeetingMinutes**

r7 - 2015-11-24 - 13:44 ThomasOulevey

Regular Linux support Meeting MeetingMinutes20141112 MeetingMinutes20150217

MeetingMinutes20150303 MeetingMinutes20150428 MeetingMinutes...

**MeetingMinutes20141112**

NEW - 2014-11-18 - 17:04 ThomasOulevey

Ongoing projects PotD : Puppet on the desktop STATUS : No progress ENDS : On hold, not likely before March 2015 Koji SSO and eggroups...

**MeetingMinutes20150217**

NEW - 2015-02-17 - 14:13 ThomasOulevey

Ongoing projects PotD : Puppet on the desktop STATUS : No progress ENDS : On hold, not likely before Mid 2015 Koji SSO and eggroups...

**MeetingMinutes20150303**

NEW - 2015-03-03 - 14:09 ThomasOulevey

New rhel access refactoring with ldap/AD. STATUS : new ENDS : mid 2015 Ongoing projects PotD : Puppet on the desktop...

**MeetingMinutes20150428**

r3 - 2015-05-12 - 14:02 ThomasOulevey

New RHCOMMON7 STATUS : new. provide RH common rebuild for CC7. ENDS : planned for May 2015, ARM64 STATUS : new. Boot ARM...

**MeetingMinutes20150512**

NEW - 2015-05-12 - 14:16 ThomasOulevey

New projects OCS server migration to linuxsoft STATUS : new. ENDS : Q3 2015 Ongoing projects RHCOMMON7 STATUS...

**MeetingMinutes20150901**

NEW - 2015-09-01 - 14:13 ThomasOulevey

New projects Ongoing projects OCS server migration to linuxsoft STATUS : new. ENDS : Q3 2015 ARM64 STATUS : new. Dead...

**MeetingMinutes20151110**

NEW - 2015-11-24 - 13:48 ThomasOulevey

New projects Ongoing projects OCS server migration to linuxsoft STATUS : ongoing. Puppetization for lxsoft. ENDS : Q3 2015...

**MeetingMinutes20151124**

r2 - 2015-11-25 - 10:16 ThomasOulevey

New projects Docker ; registry images STATUS : ongoing. docker.cern.ch registry ENDS : Q1 2016 Ongoing projects OCS server migration...

**MidTapeServer**

r2 - 2005-05-09 - 10:59 UnknownUser

Description take a Sun V40z server with 2 CPUs, 4GB of RAM add dual Fibre Channel cards for the local disk cache pool add more FC cards for tape(s)...

**MigrationIssuesSLC4**

r2 - 2006-03-28 - 13:23 JanIven

SLC4 Migration Issues at CERN certification Status FeatureListForSLC4: collecting point for new things that need to go into SLC4 Timelines for LXBATCH...

**MoreLinuxStatistics**

r11 - 2011-08-01 - 15:05 SvetoslavZhelev

OCS features Open Computer and Software Inventory Next Generation is an application designed to help a network or system administrator keep track of the computers...

**MozillaHangsAfterUpgrade**

r2 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 17 Aug 2005, logged in as AndrasHorvath

**MultiLunDevices**

r3 - 2010-02-17 - 14:06 JaroslavPolok

Linux Support FAQ entry 17 Oct 2005, logged in as AndrasHorvath

**NcmFailsOnDesktop**

r2 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 17 Jun 2005, logged in as AndrasHorvath

**NecML450**

r5 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Comments: Everythings OK, the only problem is the network card`s driver that isn`t in the installation CD, if you want use it you have...

**NecVersaM360**

r11 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Note This device initially scored a PASS , but we have since then detected several issues that make it incompatible with Linux: 1. The...

**NecVersaS950**

r4 - 2010-05-20 - 13:13 NilsHoeimyr

Desktop/Notebook test Comments: It` mostly pass becouse the audio card doesn`t work, but only it!!

**NetDump**

r11 - 2009-07-03 - 14:33 MatthiasSchroeder

Netdump (netdump is a crash dump over the network, using UDP packets. Has support for specific network hardware only.) Support Linux.Support will not blindly debug...

**NfsClientSetupSLC3**

r2 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 13 May 2005, logged in as JanIven

**NfsServerSetup**

NEW - 2008-02-20 - 15:55 JanIven

Linux Support FAQ entry 20 Feb 2008, logged in as JanIven

**NoMoreUsrLocalSW**

r2 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 13 May 2005, logged in as JanIven

**NoScriptProblems**

r2 - 2009-02-24 - 14:26 JanIven

Linux Support FAQ entry 12 Dec 2008, logged in as JanIven

**NoTokenOnLoginToSLC4**

r4 - 2006-10-17 - 10:22 JanIven

Linux Support FAQ entry 20 Jun 2006, logged in as JanIven

**NscdOnSlc5Core**

r7 - 2009-02-10 - 17:32 PeterKelemen

NSCD dies on SLC5 if used with nss ldap, doesn`t find users (affects ZUUL, i.e. deploying PLUS accounts via LDAP probably needs fixing before we have wide scale...

**NtpRecommendedConfig**

NEW - 2008-11-07 - 15:56 JanIven

Linux Support FAQ entry 07 Nov 2008, logged in as JanIven

**OpenAFS141related**

r4 - 2010-02-17 - 14:05 JaroslavPolok



Linux Support FAQ entry 16 Feb 2006, logged in as JanIven

### **OpenSSLCheatsheet**

NEW - 2012-03-30 - 14:26 ThomasOulevey

OpenSSL Convert PEM Convert PEM to DER openssl x509 outform der in certificate.pem out certificate.der  
Convert PEM to P7B openssl crl2pkcs7 nocrl certfile certificate...

### **OvmRepositorySync**

r7 - 2012-05-11 - 15:29 ThomasOulevey

Sync the rpms/iso Connect on lxsoft04 AND lxsof05 : Update the mrepo config with the new release : cat  
/etc/mrepo.conf.d/ovm3 x86 64.conf ovm3 x86 64 name Oracle...

### **PackagingCernlib**

NEW - 2012-04-13 - 12:00 JanVanEldik

Linux Support traditionally package the CERNLIB RPM from the sources in AFS. These sources are  
provided by PH/SFT (aka Benedikt Hegner). Building RPMs is simple, but...

### **PilotServiceAndDevelSystems**

r15 - 2010-12-01 - 17:07 JaroslavPolok

Pilot drupal service setup Initial system installation initially installed using a CDB profile. After initial  
installation phase following changes are made: dequattorization...

### **PineGetsConfusedAndStuck**

NEW - 2009-01-13 - 11:36 JanIven

Linux Support FAQ entry 13 Jan 2009, logged in as JanIven

### **PlayingWithPakiti2**

r5 - 2010-01-26 - 12:36 JanVanEldik

The idea is to install as many packages as we can on our reference boxes, and let Pakiti2 determine if we are  
up to date. This should allow us to verify our deployment...

### **PreparingXenGuestFilesystems**

r4 - 2006-11-29 - 10:23 JanIven

Preparing Xen guest filesystems Xen guest are using filesystems exported to them via Xen hypervisor Virtual  
Block Devices (VBDs). Currently there are three methods...

### **PrintingRevisitedAgain**

NEW - 2008-10-15 - 10:39 JaroslavPolok

This is just some thoughts: getting the data: printer information: LDAP (cerndc) could be propagated to  
ldap.cern.ch too I guess ldapsearch x h `cerndc...

### **PxeHwreg**

r2 - 2014-01-15 - 11:02 ThomasOulevey

Introduction IT CF boot a live image from the network to auto register new servers. The image are in aims2  
but synced to another PXE boot server for a specific IP...

### **PXELegacyWorkaround**

r7 - 2022-04-08 - 14:12 DanielJuarez

NOTE This documentation is outdated and has been moved to an updated version on  
<https://linuxops.web.cern.ch/aims2/aims2legacyworkaround/>. After <https://cern.service...>

### **RecompileSLC3Kernel**

r2 - 2006-05-19 - 16:33 JanIven

Linux Support FAQ entry 13 May 2005, logged in as JanIven

### **RecompileSLC4Kernel**

r6 - 2006-08-11 - 09:23 JanIven

Linux Support FAQ entry 11 May 2006, logged in as JanIven

### **ReleaseNewRedhatLinux**

r2 - 2012-11-01 - 10:59 ThomasOulevey

Release new Redhat product. Download ISO for x86 64 and i386 Available on Redhat customers service portal AFS DIST 5Server U9 cd /afs/.cern.ch/project/linux/enterprise...

### **RemoteAccessInLab**

r4 - 2008-01-08 - 10:18 JanIven

remote reset and serial console for the Linux Support `lab` machines: Serial console refs1c 3 and lxcert are connected to lxcnetlab1 with the standard SLAC...

### **RfioClientConnect**

r2 - 2008-02-27 - 19:00 JanIven

Linux Support FAQ entry 29 Oct 2007, logged in as JanIven

### **RH73Machines**

r2 - 2005-08-02 - 14:37 UnknownUser

scripts: sue get hosts.pl: extract hostnames from SUE logs apt get ip.pl: extract IP addresses from TUX logs get rh data.sh: get lists of all RH73 (and...

### **RhelSlSlcDifferences**

NEW - 2008-10-27 - 09:49 JanIven

Linux Support FAQ entry 27 Oct 2008, logged in as JanIven

### **RootKitChecker**

r10 - 2009-01-22 - 14:21 JanIven

Idea: run something regularly (at least on managed machines) and perhaps on desktops that looks for signs of a compromise. See also LinuxHardening and RootKitCheckerInternal...

### **SearchResults**

r2 - 2008-03-03 - 15:50 NilsHoeimyr

TWiki search by CERN Search Results You may also search with the internal TWiki WebSearch . Please note that TWiki internal WebSearch may be very slow for large...

### **SLC3LegacyServices**

r4 - 2010-05-20 - 09:39 JaroslavPolok

Legacy SLC3 Services Despite the official end of support for SLC3, some services have not been able to migrate away yet. This list documents which services are candidates...

### **SLC4MigrationCampaign**

NEW - 2007-04-17 - 15:24 JanIven

(random things that need sorting) use /etc/issue.net to advertise that somebody logs into an obsolete machine pretty intrusive: may conflict with...

### **Slc4PackagesToPatch**

r4 - 2013-01-07 - 09:25 ThomasOulevey

The following packages in SLC4 require CERN specific patches: (this list is incomplete, please do not rely on this alone) acroread see SoftwareUpdatesOnSLCSpecialPackages...

### **Slc4XenPhaseout**

r2 - 2008-12-08 - 17:06 JanIven

The previous solution (running a hypervisor on SLC4) is not longer required since SLC5 is out and comes with a supported hypervisor (in fact the SLC4 xen kernel had...

#### **SLC57BuildObservations**

r2 - 2011-07-24 - 17:48 MatthiasSchroeder

A few observation concerning the SLC5.7 build: cmake fails one test if built by root build from non root account packages with missing build requirements...

#### **Slc5PackagesToPatch**

r18 - 2013-01-07 - 09:25 ThomasOulevey

The following packages in SLC5 require CERN specific patches: (this list is incomplete, please do not rely on this alone) condor This is not needed more since condor...

#### **Slc6LiveHowto**

r7 - 2013-03-22 - 11:45 ThomasOulevey

Create a Live CD UPDATE Feb 2013 available images : CF SLC 62 LIVE CF SLC 63 LIVE CF SLC 64 LIVE Install lived tools and patch it. Install lived...

#### **Slc6PackagesToPatch**

r17 - 2015-05-21 - 13:50 JaroslawPolok

The following packages in SLC6 require CERN specific patches: (this list is incomplete, please do not rely on this alone) 2012 The buildall script will warn you...

#### **Slc6Tests**

r15 - 2011-09-29 - 13:33 MatthiasSchroeder

Summary of observations we made about the SLC6 test release(s). Install on node with only 512 MB Q: A message flashes up about insufficient memory, text only install...

#### **SmartCards2012**

r20 - 2012-11-23 - 16:28 JaroslawPolok

Please note : This documentation describes a pilot, experimental setup. DO NOT USE ON PRODUCTION SYSTEMS Smart Cards revisited in 2012 The goal is to integrate...

#### **SoftwareUpdatesOn7**

r11 - 2005-08-24 - 14:15 UnknownUser

CERN Linux 7.3.x updates Updates are normally triggered by announcements from Progeny or Fedora Legacy. Subscribe to two lists: <https://www.redhat.com/mailman...>

#### **SoftwareUpdatesOnCC**

r17 - 2017-10-27 - 15:20 ThomasOulevey

Known issues i686 build for NSS. AFS backup not in place. Build software updates Please note you need to login as the build user on the lxsoft cluster...

#### **SoftwareUpdatesOnRHE2**

r9 - 2009-04-27 - 12:34 JanVanEldik

Software updates for RHEL 3/4/5 Server machines Red Hat updates are downloaded automatically using mrepo on lxsoft/lxnf systems. In order to feed these updates into...

#### **SoftwareUpdatesOnSLC**

r83 - 2017-08-29 - 10:42 JeromeBelleman

Build software updates Please note you need to login as the build user on the lxsoft cluster. ssh build@lxsoft Pre build checklist Check AFS quota, once in a...

#### **SoftwareUpdatesPolicy**

r5 - 2013-01-07 - 09:25 ThomasOulevey

Software update policy for SLC (for desktops and auto updating machines) Software updates get triggered by the following events: notification from T.U.V. (mail...

#### **SpacewalkEvaluation**

r3 - 2011-08-02 - 14:33 SvetoslavZhelev

Introduction Spacewalk is a systems management solution, potentially interesting for CERN Linux machines. From the Twiki: Spacewalk is an open source Linux and Solaris...

#### **SpecBenchmark**

r7 - 2005-10-20 - 09:00 UnknownUser

Compiling SpecInt2k benchmark on SL4/x86 64 (maybe others) So... get a copy of SPEC CPU 1.2 by paying <http://spec.org> some money and access to those extra files which...

#### **SpecFileSRPMPForKernelModule**

NEW - 2012-01-23 - 12:14 ThomasOulevey

The spec file : `%{!?kversion: %define kversion %(uname r)} # hint: this can be overridden with `define kversion foo` on rpmbuild, e.g. # define `kversion 2.6....`

#### **SSHatCERNFAQ**

r15 - 2013-11-25 - 12:15 JanVanEldik

SSH FAQ for CERN (the following document tries to answer the most common questions around SSH at CERN. It is aimed largely at 2nd level support, but of course individual...

#### **SupportApproved**

r2 - 2006-05-19 - 16:33 JanIven

SupportApproved indicates that somebody from the LinuxSupport team has written or approved this solution/workaround. JanIven 13 May 2005

#### **SupportFormTemplate**

r2 - 2005-05-13 - 17:18 JanIven

Linux Support FAQ entry , logged in as

#### **Syslinux6Evaluation**

r3 - 2013-08-29 - 09:46 ThomasOulevey

Introduction Evaluate Syslinux 6.01, we want to be able to use <http://> for loading initrd, and therefore maintain only one server between our Datacenter. Installation...

#### **SysReqDiagnosis**

NEW - 2008-02-27 - 16:10 JanIven

SysReq Diagnosis (or how to interpret the weird things that get dumped to the console if you do ``sysreq t``)  
SysReq t show tasks state (information is from kernel...

#### **SystemConfigPackagesTrouble**

NEW - 2006-12-19 - 10:12 JanIven

Linux Support FAQ entry 19 Dec 2006, logged in as JanIven

#### **TasksRota2016**

r2 - 2016-02-10 - 16:31 ThomasOulevey

Rota roles (draft to be reviewed) At this time Linux rota role include : Rebuild and Update slc5 / slc6 packages Sync CC7 and SIGs packages Deal with...

#### **TechnicalNetworkTipsAndTricks**

NEW - 2013-03-07 - 12:06 ThomasOulevey

For debugging problems you may use these machines to jump in the TN : cs ccr dev{1,2,3}

#### **TestContinuousStream**

NEW - 2005-05-09 - 15:32 UnknownUser

Test: write an internally structured stream Current tape drives (as opposed to those we had had in the past) are capable of positioning the tape per block, not only...

#### **TestPerson**

NEW - 2010-05-18 - 14:54 JanVanEldik

#### **TestRollback**

r3 - 2006-03-16 - 11:49 UnknownUser

please delete, rollback doesn't work...

#### **ThinkPad**

NEW - 2005-06-07 - 12:08 JaroslawPolok

ThinkPad Type of IBM (now Lenovo) laptops , see <http://www.lenovo.com/think/products/us/en/> .

#### **ToolScriptChanges**

r3 - 2010-07-28 - 16:10 PeterJones

Changes to the Perl Tool Scripts These changes will be put in place on Thursday. Please contact me if you have any concerns about them File to Change Other...

#### **TowardsDrupalPilotService**

r9 - 2010-12-01 - 17:06 JaroslawPolok

Initial mysqld/httpd system installation and configuration Adding New Drupal site,Basic failover to hot spare server Just few initial ideas in random order.....

#### **TWeederSummaryViews**

NEW - 2000-01-01 - 01:00 PeterJones

#### **TWeederTopics**

NEW - 2000-01-01 - 01:00 PeterJones

TWeeder info for LinuxSupport Total Number of topics: 344 0 Topics updated during the last 7 days Days Web Topic Date 0 Topics updated during...

#### **UcoRewrite**

r3 - 2005-09-01 - 17:14 UnknownUser

uco is still being used and will still be useful in the future) Description Intro: UCO is a program to reset per user configuration files to known `good` values....

#### **UpdateMachineWeight**

NEW - 2012-08-09 - 09:38 ThomasOulevey

Login to lxadm Create ~/.cdbop.conf protocol https server cdbserv.cern.ch use krb5 get f prod/customization/lxdist/noq/config edit the file you...

#### **UpdateWorkflowCandidates**

r4 - 2007-02-06 - 17:10 LeszekGrzanka

Potential candidates Several existing tools could provide at least a core `workflow` and `status tracking` functionality. It is very likely that custom filters and...

#### **UpdateWorkflowClientManual**

NEW - 2007-08-14 - 14:31 LeszekGrzanka

Client user manual Installation Log in to some machine (let it be lxplus). At the moment builder and server are provided together (with some part of client libraries...

#### **UpdateWorkflowDataModel**

r10 - 2007-05-31 - 16:35 LeszekGrzanka

DB structure Data model Tables Source packages: PK name (distro,pkgname,epoch,version,release) (eg:.. slc4X,grep,0,2.5.1,31) filename file name of SRPM...

#### **UpdateWorkflowIntro**

NEW - 2006-12-06 - 17:47 LeszekGrzanka

Update Workflow Intoduction Update events: mail (security announcement from Red Hat or CERT, freeform notification from sec team, ..) or from other tools. Update...

#### **UpdateWorkflowStatus-Plan**

r30 - 2007-10-12 - 14:04 LeszekGrzanka

Status plans TODO: new Extension of options database to policy database (with data where packages should go ?) Add possibility to move packages from testing...

#### **UpdateWorkflowSystemInstallation**

r4 - 2007-10-08 - 11:16 LeszekGrzanka

Installation This page is description of installation of build system on three machines: lxdist i386 , lxdist amd64 , lxdist ia64 . Prerequisite For purpose...

#### **UpdateWorkflowSystemOverview**

r2 - 2007-10-05 - 15:09 LeszekGrzanka

Architecture Main parts: Builder Server Monitor Status generation Client Builder Task: fetch SRPM file from server and build RPMs from...

#### **UpdateWorkflowSystemRequirements**

r5 - 2006-12-08 - 14:25 LeszekGrzanka

New system for update workflow Requirements Simplest case of system usage: took SRPM package, build it, put into repo, give a report Building process...

#### **UpdateWorkflowSystemTroubleshooting**

r2 - 2007-10-12 - 13:50 LeszekGrzanka

Troubleshooting Problem with creating chroots on IA64 There is a problem with creating chroots on IA64, selinux will ask for security context when running command...

#### **UpdateWorkflowSystemVision**

r13 - 2013-01-07 - 09:25 ThomasOulevey

Update Workflow System Vision Overwiew Main task of system is upgrade `update workflow` process. System requiremets are here UpdateWorkflowSystemRequirements. What...

#### **UpdatingFromSLC44toSLC45**

r5 - 2007-07-25 - 14:36 JanIven

Starting with SLC4.5 Xen domU kernels as well as openafs kernel modules and other supporting packages are included in the standard distribution for i386/x86 64 architectures...

#### **UpgradeInsteadOfReinstall**

NEW - 2006-08-28 - 14:45 JanIven

Linux Support FAQ entry 28 Aug 2006, logged in as JanIven

#### **Urlclassifier3sqliteEatsMyDisk**

r2 - 2008-10-13 - 14:24 JanIven

Linux Support FAQ entry 29 Aug 2008, logged in as MatthiasSchroeder

### **WebAtom**

r2 - 2006-01-24 - 07:07 TWikiContributor

TWiki's LinuxSupport web The web for users, groups and offices. TWiki is an Enterprise Collaboration Platform.

### **WebChanges**

NEW - 2001-08-16 - 21:58 UnknownUser

### **WebHome**

r41 - 2022-04-08 - 14:17 DanielJuarez

LinuxSupport Linux @ CERN : <http://cern.ch/linux> Support : [linux.support#64;cernNOSPAMPLEASE.ch](mailto:linux.support#64;cernNOSPAMPLEASE.ch)

NOTE This documentation is outdated and has been moved...

### **WebIndex**

r2 - 2001-11-24 - 12:41 UnknownUser

See also the faster WebTopicList

### **WebLeftBar**

r2 - 2007-04-10 - 15:27 JanIven

Web Web Home Changes Index Search WebHome WebHome

### **WebNotify**

r5 - 2006-06-22 - 17:34 JanIven

This is a subscription service to be automatically notified by e mail when topics change in this LinuxSupport web. This is a convenient service, so you do not have...

### **WebPreferences**

r18 - 2010-05-20 - 09:09 JaroslavPolok

LinuxSupport Web Preferences The following settings are web preferences of the LinuxSupport web. These preferences overwrite the site level preferences...

### **WebRss**

r4 - 2005-03-27 - 15:45 TWikiContributor

/LinuxSupport The web for users, groups and offices. TWiki is an Enterprise Collaboration Platform.

### **WebSearch**

NEW - 2001-08-08 - 07:26 UnknownUser

### **WebSearchAdvanced**

NEW - 2004-01-18 - 11:52 UnknownUser

### **WebStatistics**

r3463 - 2024-01-30 - 00:18 TWikiAdminUser

Jan 2006 2613 15 6 168 WebHome 122 FeatureListForSLC4 122 LinuxSupportReferenceMachines 117 WebStatistics 104 LinuxiSCSI 103 SpecBenchmark...

### **WebTopicEditTemplate**

r2 - 2005-05-20 - 17:37 JanIven

### **WebTopicList**

NEW - 2001-11-24 - 12:40 UnknownUser

See also the verbose WebIndex.

### **WeirdKerberosTicketLifetime**

NEW - 2007-01-19 - 10:12 JanIven

Linux Support FAQ entry 19 Jan 2007, logged in as JanIven

### **XenHowTo**

r10 - 2008-12-08 - 11:01 JanIven

About Xen Xen is an Open Source virtualization solution from XenSource Inc. allowing for both para virtualization (via means of modified guest operating systems) and...

### **XenificationOfSLC**

r2 - 2007-05-22 - 18:02 JaroslavPolok

NOTE : this document describes what has been done for SLC4.4: SLC4.5 did not require any of the following since we get Xen Domain U setups `for free` from Red Hat...

### **XenTestEnvironment**

r2 - 2006-11-23 - 15:51 JaroslavPolok

Xen TEST environment We are currently testing i386 SLC3 and SLC4 paravirtualized guests on following systems. All CERN users may login there, but please REMEMBER...

### **XenTestFigures**

NEW - 2006-11-24 - 09:32 JaroslavPolok

Some benchmark figures for Xen paravirtualized guests These are not really meaningful ... but you would like to see them anyway, right ? Test were made on the XenTestEnvironment...

### **XenUserGuide**

NEW - 2006-11-23 - 10:42 JaroslavPolok

Xen documentation User guide: Xen 3.0 User Guide Interface manual: Xen 3.0 Interface Manual Xen documentation Wiki

### **YumErrorMpeg4IP**

NEW - 2007-02-08 - 10:57 JanIven

Linux Support FAQ entry 08 Feb 2007, logged in as JanIven

### **YumUnresolvedCastorDependencies**

r2 - 2009-08-27 - 10:19 MatthiasSchroeder

Linux Support FAQ entry 24 Apr 2007, logged in as MatthiasSchroeder

### **YumUpdateFailureOldKernelNewAfs**

NEW - 2008-06-04 - 10:55 JanIven

Linux Support FAQ entry 04 Jun 2008, logged in as JanIven

### **YumUpdateProblemsWithDbus**

r2 - 2009-09-21 - 13:55 JanVanEldik

Linux Support FAQ entry 2009 09 09, logged in as MatthiasSchroeder

### **YumUpdatesCantFindRepository**

NEW - 2006-08-09 - 17:25 JanIven

Linux Support FAQ entry 09 Aug 2006, logged in as JanIven

Number of topics: 273

See also the faster WebTopicList

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This topic: LinuxSupport > WebIndex

Topic revision: r2 - 2001-11-24 - unknown





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