

Hot answers tagged **7-zip**[all](#) [year](#) [month](#) [week](#) [day](#)**19** How do I use 7-zip to backup files, but exclude some directories

To exclude all .svn directories you need to add the -xr!svn\ switch For example the following will create a backup of the C:\Project\To\Backup directory excluding any folders that satisfy ?svn: "C:\Program Files\7-Zip\7z.exe" a -r -tzip -y -xr!svn\\* Project.zip C:\Project\To\Backup\\*

[command-line](#) [backup](#) [7-zip](#)

answered Aug 23 '09 at 11:31



ManiacD

366 ●1 ●5

**14** How to do "legacy" ZIP compression with 7zip?

Legacy zip compression is akin to the Deflate method in 7-zip, and will offer the most compatibility between different compression software. From the Winzip KB: .Zip Legacy compression (maximum compatibility): The Legacy (Zip 2.0) compression option uses a traditional data compression algorithm, known as deflate, that is supported by all ...

[zip](#) [7-zip](#) [winzip](#)

answered Aug 23 '11 at 19:38



John T

84.9k ●7 ●117 ●166

**13** How can I evaluate the best choice of archive format for compressing files?

There are a large variety of compression formats and methods available, some don't compress at all and are designed to store a number of files in one archive, and other newer experimental compressors (PAQ based) are designed to compress as aggressively as possible, regardless of the time it takes to perform said operation. You need to evaluate the features ...

[compression](#) [zip](#) [archiving](#) [7-zip](#) [gzip](#)

answered Jul 3 '11 at 10:25



Ruairi Fullam

1,491 ●2 ●11

**12** 7-zip for linux

If you use Debian or Ubuntu it is in the standard repositories (<http://packages.ubuntu.com/precise/p7zip>) so you can install it with as little as aptitude install p7zip or for the full version that includes other archive format support (<http://packages.ubuntu.com/precise/p7zip-full>): aptitude install p7zip-full There are no doubt packages for it in the ...

[linux](#) [ubuntu](#) [7-zip](#)

answered Aug 31 '09 at 20:11



David Spillett

14.5k ●14 ●32

**10** How do I use 7-zip to backup files, but exclude some directories

Instead of using 7-Zip to exclude the .svn (or potentially \_svn) folders, I would recommend using the svn export command (use svn.exe to export the working copy to a temporary folder: svn export C:\Path\To\WC C:\Backup\Staging Then use 7-Zip as follows: 7z.exe a "C:\Parth\To\Archive" "C:\Backup\Staging\\*" -bd t7z -v2g -r Then delete the ...

[command-line](#) [backup](#) [7-zip](#)

answered Aug 23 '09 at 9:45



Richard Slater

414 ●1 ●7 ●13

**10** Need to archive/encrypt 20GB of files

Full details in the 7Zip help file, but something like this: 7z a archive.7z -p<strong password> -mhe -r -v4096m c:\path\to\stuff\ would probably get you started. "a" == "Add" command "p" == Encrypt with this password "mhe" == Encrypt headers and filenames. "r" == recurse source directories "v" == break archive into 4GB chunks for easy DVD burning ...

[encryption](#) [compression](#) [7-zip](#)

answered Jul 21 '10 at 17:06



Adrien

1,238 ●5 ●12

**10** How do I uncompress vmlinuz to vmlinux?

Maybe you misunderstood what the author of that post meant. The vmlinuz file contains other things besides the gzipped content, so you need to find out where the gzipped content starts. To do that, use: od -A d -t x1 vmlinuz | grep '1f 8b 08 00' What this does is to show you where in that file you can find the gzip header. The output looks like: ...

[linux](#) [7-zip](#) [linux-kernel](#) [gzip](#) [compression](#)

answered Jun 18 '11 at 4:28



Radu

246 ●1 ●9

## 9 What is the reason for 7-zip / WinRAR to first unzip files to “temp” and then move them to destination?

How exactly are you extracting the files? Are you using the command-line or the GUI? Are you dragging the files or selecting them and using the extract function? Are you using the shell-extension context-menu? If you enter a destination folder and then select the extract function or use the shell-extension, then they do not extract to a temporary folder ...

windows 7-zip winrar

answered Aug 26 '11 at 21:49

 **Synetech**  
17.6k ●1 ●26 ●66

## 8 How can I evaluate the best choice of archive format for compressing files?

One things that comes to mind is a (two year old) blog post from Jeff Atwood: File Compression in the Multi-Core Era. In that article he finds that bzip2 outperforms 7-zip when running more than two cores.

compression zip archiving 7-zip gzip

answered Jul 3 '11 at 9:18

 **matpe**  
81 ●1

## 8 7-Zip and unzipping from command line

7z x duane.zip -oduane Usage: 7z <command> [<switches>...] <archive\_name> [<file\_names>...] [<@listfiles...>]  
<Commands> ... x: eXtract files with full paths <Switches> ... -o{Directory}: set Output directory Edit: 7z x \*.zip -o\*  
extracts all \*.zip archives to subfolders with names of these ...

command-line 7-zip

answered Jan 14 '10 at 18:37


 **Anonymous**  
544 ●2 ●5

## 7 Do encrypted compression containers like ZIP and 7-Zip compress or encrypt first?

I would assume that 7-Zip and other archiving tools compress before they encrypt, for the reasons stated in the linked blog post. But I was unable to find any documentation that confirms that, nor could I immediately ascertain it from looking at the 7-Zip source code. However, I can explain why filenames aren't encrypted. As you might be aware, the 7z ...

encryption compression 7-zip

answered Mar 22 '11 at 5:04

 **Patches**  
6,180 ●1 ●6 ●21

## 7 7-zip command line [closed]

This is how I did it. cd MyFolder 7z a -r ../myzip \* This creates the archive (myzip.7z) in the parent of MyFolder rather than in MyFolder directly. Alternatively (without first changing into MyFolder): 7z a myzip ./MyFolder/\*

command-line 7-zip

answered Apr 30 at 14:01


 **Ariel**  
341 ●1 ●5

## 7 Can the “copying” step from 7zip be sped up?

When all else fails, read the FAQ: Why does drag-and-drop archive extraction from 7-Zip to Explorer use temp files? 7-Zip doesn't know folder path of drop target. Only Windows Explorer knows exact drop target. And Windows Explorer needs files (drag source) as decompressed files on disk. So 7-Zip extracts files from archive to temp folder and ...

windows-7 7-zip

answered May 9 at 15:02

 **ray023**  
352 ●2 ●13

## 6 If I compress a file in a .7z archive with password, is it undecryptable without password?

The simple answer is yes - if you have a strong password the only way to get in would be through a brute force attack. Even a non-trivial password might be enough to stop most people. They'll see it's protected perhaps try for a while and then give up. As long as you don't call it "my top secret plans.7z" or "nude pictures of some celebrities.7z" they're ...

file encryption encoding 7-zip decryption

answered Apr 6 '11 at 20:53

 **ChrisF**  
28.5k ●5 ●35 ●77

## 6 If I compress a file in a .7z archive with password, is it undecryptable without password?

There are various options with 7z to improve the security. By default a ZIP file doesn't encrypt the file table - this means that an attacker knows what the files are and which are most likely to contain recognizable patterns, such as English language words. There is an option to encrypt the file table as well, which makes it much harder. It will never be ...

file encryption encoding 7-zip decryption

answered Apr 6 '11 at 20:56

 **Majenko**  
15.4k ●14 ●37

**6** Where can I find 7z format adoption?

Anyone can open 7z archives with 7zip itself, which is free. If your target user doesn't have something that works with it, they can simply install that. It's also supported by many third party archivers. If you're going to put things in an archive at all, 7z would not be a bad choice. If you're using this for distribution though, keep in mind plain ZIP is ...

[archiving](#) [format](#) [7-zip](#)

answered Dec 9 '10 at 17:42

**Billy O'Neal****2,730** ● 1 ● 11 ● 36**6** How to make 7-Zip faster

If you get the 7-Zip 9.13 beta you can change the archive type to LZMA2 and thus be able to use as many threads as you like, though the memory usage goes up phenomenally. Install the beta, right click the stuff you want to archive then under the 7-Zip context menu click "Add to archive..." and you will get something similar to the window below. On the left ...

[speed](#) [compression](#) [zip](#) [7-zip](#) [winrar](#)

answered May 25 '10 at 10:48

**Mokubai****17k** ● 1 ● 23 ● 48**6** Howto unzip ".xz" file with 7z and lzma

Have you tried downloading the XZ Utils from <http://tukaani.org/xz/> ? The XZ documentation says: At least the following software support the .xz file format: XZ Utils XZ Embedded 7-Zip and LZMA SDK versions 9.00 alpha and later I don't know if the 9.00 alpha version can be compared to your 4.57 version, but if it can, then maybe you ...

[linux](#) [unix](#) [zip](#) [archiving](#) [7-zip](#)

answered May 27 '10 at 8:18

**Peter Jaric****610** ● 1 ● 4 ● 15**6** How to make 7-zip do a whole bunch of folders

Run from a command prompt whose working directory is your My Pictures directory, this command will create a zip file of the contents of each subdirectory, leaving all of the zip files in your My Pictures directory. Edit: I have added the quotation marks necessary to allow for directories with spaces in their names. for /D %%d in (\*.\*) do 7z a -zip ...

[batch](#) [7-zip](#)

answered Jan 11 '10 at 16:49

**eleven81****3,844** ● 2 ● 15 ● 43**6** How can I unzip a .tar.gz in one step (using 7-Zip)?

Not really. A .tar.gz or .tgz file really is two formats: .tar is the archive, and .gz is the compression. So the first step decompresses, and the second step extracts the archive. To do it all in one step, you need the tar program. Cygwin includes this, as does GnuWin32. You could also do it "in one step" by opening the file in the 7-zip GUI: Open the ...

[windows-xp](#) [7-zip](#)

answered Dec 7 '09 at 20:07

**quack quixote****21.2k** ● 3 ● 25 ● 60**6** How do I setup Task Scheduler in Windows 7 to compress a folder using 7-Zip File Manager?

You would need to create a Windows Batch file that will do that actually ZIP, and then schedule this in Task Scheduler to run on a weekly schedule. The 7-Zip command-line samples are available here and a step by step guide to Windows 7 Task Scheduler is available here. Lastly to create a batch file use notepad and create a new file with a .BAT extension as ...

[windows-7](#) [compression](#) [scheduled-tasks](#) [7-zip](#) [file-management](#)

answered Sep 3 '09 at 8:24

**Diago****13k** ● 4 ● 30 ● 45**5** Is there a way of replacing those ghastly 7-Zip default icons?

You have two options: Changing the icon associated with zip files in the registry Replacing the icon referenced in the registry For the first option, you can edit the registry. The icon should be associated in HKEY\_CLASSES\_ROOT\zipfile\DefaultIcon. The entry is a string with the full path to the file (most probably the 7-Zip executable), and optionally a ...

[icons](#) [compression](#) [7-zip](#)

answered Jul 21 '09 at 18:26

**Treb****502** ● 3 ● 10**5** 7zip doesn't ask me for password for a zip I encrypted while double-clicking it

The ZIP format doesn't allow for encrypting file lists. This means that file lists are viewable by anyone. Only the contents of the files is encrypted, which means that no-one can read the file without your password. Due to this, 7-zip only asks for your password before unzipping. If you need a format that encrypts the file list, use 7Z and make sure you ...

[windows](#) [command-line](#) [passwords](#) [zip](#) [7-zip](#)

answered Nov 13 '09 at 22:59

**Andrew Moore****1,798** ● 1 ● 9 ● 20

## 5 Best Secure Encryption for Zip Files via Linux

Not sure about the standard zip in Ubuntu, so I can't say which is 'best', but here's what 7-Zip claims they use: 7-Zip also supports encryption with AES-256 algorithm. This algorithm uses cipher key with length of 256 bits. To create that key 7-Zip uses derivation function based on SHA-256 hash algorithm. A key derivation function produces a ...

linux encryption zip archiving 7-zip

answered Jan 13 '10 at 22:22



techie007

24.6k ●2 ●17 ●37

## 5 Best Secure Encryption for Zip Files via Linux

The compression offered by 7zip (in the 7z format) is more secure than any of the "standard" methods or encrypting a zip format file (many of which date back years and are barely secure at all). In either case make sure you chose a good password/key - with a badly chosen password all encryption techniques are susceptible to dictionary/guess attacks. If you ...

linux encryption zip archiving 7-zip

answered Jan 13 '10 at 23:10



David Spillett

14.5k ●14 ●32

## 5 What is the reason for 7-zip / WinRAR to first unzip files to "temp" and then move them to destination?

It is done so memory requirements for decompression are kept to a minimum. If they didn't use the filesystem, decompression would happen in memory. Under low memory conditions, or for large compressed files this would sooner or later exhaust available memory and start the process of memory paging. Paging under these circumstances would be a lot slower than ...

windows 7-zip winrar

answered Jun 25 '11 at 15:21



A Dwarf

10k ●10 ●42

## 4 Create an archive from a directory without the directory name being added to the archive

From the 7-Zip Help file: a (Add) command Adds files to archive. Examples 7z a archive1.zip subdi\ adds all files and subfolders from folder subdi to archive archive1.zip. The filenames in archive will contain subdi\ prefix. 7z a archive2.zip .\subdi\\* adds all files and subfolders from folder subdi to archive ...

7-zip

answered Sep 26 '11 at 17:25



afrazier

11.7k ●1 ●12 ●30

## 4 Can I use 7Zip under Linux? [closed]

Use the command line port of 7zip: <http://sourceforge.net/projects/p7zip/> There is a port of the command line version to Linux/Unix. Download p7zip for Posix/Linux (x86 binaries and source code): Download p7zip <http://www.7-zip.org/download.html>

linux 7-zip

answered Nov 29 '11 at 14:08



Daniel Ruf

154 ●1 ●7

## 4 unencrypt 7zip files in ubuntu

p7zip does support encryption - see the documentation at [usr/share/doc/p7zip-full/DOCS/MANUAL/switches/method.htm](http://usr/share/doc/p7zip-full/DOCS/MANUAL/switches/method.htm) Here's the syntax to encrypt a file. 7z a -psecret -mx=9 -mm=Deflate -mem=AES256 -tzip inputfile.7z inputfile The command line syntax is overly complex, but it works.

linux ubuntu encryption 7-zip

answered Jan 17 '10 at 0:15



Iain

2,850 ●5 ●15

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