

Re: Automated-backup script

Source: <http://linux.derkeiler.com/Newsgroups/alt.linux/2004-05/0184.html>

From: Daniel Lidstrom (*someone_at_microsoft.com*)

Date: 05/11/04

Date: Tue, 11 May 2004 22:50:46 +0200

On Tue, 11 May 2004 20:20:35 +0000, Matt_left_coast wrote:

> *Daniel Lidstrom wrote:*

>

>> *On Tue, 11 May 2004 16:23:58 +0000, Matt_left_coast wrote:*

>>

>>> *Daniel Lidstrom wrote:*

>>>

>>>> *Hi,*

>>>>

>>>> *I'm doing some backups for a friend. The script is placed in*

>>>> */etc/cron.daily and looks like this:*

>>>> *#!/bin/bash*

>>>> *wget <http://www.sweden.se/ptk-src.tar.gz> -P /backup/bobbo > /dev/null*

>>>> *2>&1*

>>>>

>>>> *This produces lots of ptk-src.tar.gz's in /backup/bobbo. I'd like to*

>>>> *save only those that differ from previous versions. So, instead of*

>>>> *having ptk-src.tar.gz.1, ptk-src.tar.gz.2, etc, that are all the same*

>>>> *file, how can I save only the one that differs from previous? I don't*

>>>> *mind the numbering, infact I think it is good.*

>>>>

>>>> *Thanks a lot!*

>>>>

>>>

>>> *You could write a script that does a checksum then save only the ones*

>>> *where the checksums differ.*

>>

>> *If I knew how to write that script, it would already be done :-)*

>

> *Perhaps it is time to learn.*

Absolutely right...

>> *My idea is the following:*

>> *1) download the backup file*

>> *2) find out what name it was given (by finding the latest modified file)*

>> *3) By name of file, I know what is the next-latest file (last*

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>> *character of file, if it is a digit, minus 1)*
>> *4) Compute checksums for both files.*
>> *5) If equal, remove latest file*
>> *6) Else, do nothing*
>>
>> *Anybody who is fluid with scripts that can help me?*
>> *Thanks in advace.*
>>
>
> *The last I checked, this group is not a script writing service.*

I thank you for your patience.

> *I would suggest you look into rsync over ssh rather than wget. If you insist
> on wget, may I suggest you rethink the methodology?*

Maybe I should stop doing backups for my friend. I asked him to use rsync server, but he's not using it yet.

> *Make two directories: download and backup*
> *use wget to download all the files to download*
> *then do a "for file in download/*; do" (examples are in your /etc/init.d*
> *scripts) loop to compare the checksum of \$file in download to the*
> *\$file.<timestamp> of the latest \$file (an ls download/\$file* piped to sort*
> *piped to tail -I will give you the latest file if you have the timestamp*
> *done right) in backup to the files in backup, if they differ mv \$file to*
> *download/\$file.<timestamp> else rm download/\$file*

Thanks, this might be all the tips I need to do it myself.

> *You would want to make sure that download is cleared out before the loop is*
> *started (rm -rf download/*). To do the time stamp use the date command to*
> *set a variable:*
>
> *timestamp=`date <format options you want>` before the loop. Then when you mv*
> *the file it would be something like*
> *mv download/\$file backup/\$file.\$timestamp*
> *if the checksums are different.*

This is more than I asked for, but sure it would be nicer to have a date and time in the filename.

> *I'm not trying to be an ass, but I am trying to encourage you to learn*
> *scripting for yourself.*

I'm slowly getting a hang of it. Currently have scripts for writing cd's, converting from dos to unix (remove ^M at end of lines), rip cd, train my Othello program :-), convert mp3 to cdr, etc.

> *'give a man a fish and you feed him for a day, teach him how to fish and you*
> *feed him for life' sort of thinking.*

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Thank you very much!

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Daniel

A: Because it messes up the order in which people normally read text.

Q: Why is top-posting such a bad thing?

A: Top-posting.

Q: What is the most annoying thing on usenet?