NAME
gtransfer – The GridFTP transfer script

SYNOPSIS
{gtransfer|gt} --source|-s *sourceUrl* **--destination|-d** *destinationUrl* **[--verbose|-v] [--metric|-m** *dataPath-Metric*] **[--logfile|-l** *logfile*] **[--auto-clean|-a] [--configfile** *configurationFile*] **[--** *gsiftpParameters*]

DESCRIPTION
gtransfer is a wrapper script for **tgftp** that supports (GridFTP) transfers along predefined paths by using transit sites. Additionally it supports usage of default parameters for specific connections. Therefore this tool is also helpful for direct transfers.

OPTIONS
There's bash completion available for gtransfer. This supports completion of options and URLs. URL completion also expands (remote) paths. Just hit the <TAB> key to see what's possible.

The options are as follows:

--source|-s *sourceUrl*
> Set the source URL for the transfer.
>
> Possible URL examples:
>
> {[gsi]ftp|http}://FQDN[:PORT]/path/to/file
>
> [file://]/path/to/file
>
> "FQDN" is the fully qualified domain name.

--destination|-d *destinationUrl*
> Set the destination URL for the transfer.
>
> Possible URL examples:
>
> [gsi]ftp://FQDN[:PORT]/path/to/file
>
> [file://]/path/to/file
>
> "FQDN" is the fully qualified domain name.

[--verbose|-v]
> Be verbose.

[--metric|-m *dataPathMetric*]
> Set the metric to select the corresponding data path.

[--logfile|-l *logfile*]
> Set the name for the logfile, **tgftp** will generate for each transfer. If specified with ".log" as extension, **gtransfer** will insert a "__step_#" string to the name of the logfile ("#" is the number of the transfer step performed). If omitted **gtransfer** will automatically generate a name for the logfile(s).

[--auto-clean|-a]
>
> Remove logfiles automatically after the transfer completed.

[--configfile *configurationFile*]
>
> Set the name of the configuration file for **gtransfer**. If not set, this defaults to:
>
> */opt/gtransfer/etc/gtransfer.conf* or
>
> */etc/gtransfer/gtransfer.conf* or
>
> *$HOME/.gtransfer/gtransfer.conf* in this order.

[-- *gsiftpParameters*]
>
> Set the "globus-url-copy" parameters that should be used for all transfer steps. Notice the space between "--" and the actual parameters. This overwrites any available default parameters and is not recommended for regular usage. There exists one exception for "-len" or "-partial-length". If one of these is provided, it will only be added to the default parameters for a connection or - if no default parameters are available - to the builtin default parameters.
>
> **NOTICE:** If specified, this option must be the last one in a **gtransfer** command line.

General options:

[--help]   Prints out a help message.

[--version|-V]
>
> Prints out version information.

FILES

[...]/gtransfer.conf
>
> The **gtransfer** configuration file.

/opt/gtransfer/etc/dpaths/
>
> This directory contains the system's default dpaths usable by **gtransfer** and is configurable.

/opt/gtransfer/etc/dparams/
>
> This directory contains the system's default dparams usable by **gtransfer** and is configurable.

$HOME/.gtransfer/dpaths/
>
> This directory contains the dpaths usable by **gtransfer**. Can be created with **dpath**. If existing, dpaths in this directory have precedence.

$HOME/.gtransfer/dparams/
>
> This directory contains the dparams usable by **gtransfer**. Can be created with **dparam**. If existing, dparams in this directory have precedence.

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SEE ALSO
      dpath(1), **dparam**(1), **tgftp**(1), **uberftp**(1C)