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We suggest the following mirror site for your download:

**<http://a.mbbsindia.com/>** (<http://a.mbbsindia.com/>)

Other mirror sites are suggested below. Please use the backup mirrors only to download PG signatures to verify your downloads or if no other mirrors are working.

## HTTP

**<http://a.mbbsindia.com/>** (<http://a.mbbsindia.com/>)

**<http://mirror.fibergrid.in/apache/>** (<http://mirror.fibergrid.in/apache/>)

## BACKUP SITES

Please use the backup mirrors only to download PGP and MD5 signatures to verify your do if no other mirrors are working.

**<http://www-eu.apache.org/dist/>** (<http://www-eu.apache.org/dist/>)

**<http://www-us.apache.org/dist/>** (<http://www-us.apache.org/dist/>)

The full listing of mirror sites (<http://www.apache.org/mirrors/>) is also available.

## BECOMING A MIRROR

The procedure for setting up new mirrors is described in [How to become a mirror](http://www.apache.org/info/how-to-mirror.html) (<http://www.apache.org/info/how-to-mirror.html>).

## VERIFY THE INTEGRITY OF THE FIL

It is essential that you verify the integrity of the downloaded file using the PGP signature ( .

a hash ( .md5 or .sha file). Please read [Verifying Apache Software Foundation Releases \(/in/verification.html\)](#) for more information on why you should verify our releases.

The PGP signature can be verified using PGP or GPG. First download the KEYS as well as the signature file for the relevant distribution. Make sure you get these files from the main dist site, rather than from a mirror. Then verify the signatures using

```
% gpg --import KEYS
% gpg --verify downloaded_file.asc downloaded_file
```

or

```
% pgpk -a KEYS
% pgpv downloaded_file.asc
```

or

```
% gpg -ka KEYS
% gpg downloaded_file.asc
```

Alternatively, you can verify the MD5 hash on the file. A unix program called md5 or md5sum is included in many unix distributions. It is also available as part of GNU Textutils (<http://www/software/textutils/textutils.html>). Windows users can get binary md5 programs from here (<http://www.fourmilab.ch/md5/>), here (<http://www.pc-tools.net/win32/freeware/console/>) , or (<http://www.slavasoft.com/fsum/>).

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Conferences ( <a href="/foundation/conferences.html">/foundation/conferences.html</a> )	Labs ( <a href="http://labs.apache.org/">http://labs.apache.org/</a> )	Information ( <a href="/dev/">/dev/</a> )	ASF News ( <a href="https://blogs.apache.org/news/">https://blogs.apache.org/news/</a> )	Licenses ( <a href="/licenses/">/licenses/</a> )
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(http://community.apache.org  
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/contact.html)

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