**Fixed two issues to get phpLdapAdmin to work under PHP 5.5.x**

**Error:**

**Fatal error**: Cannot redeclare password\_hash()in **/srv/www/htdocs/phpldapadmin/lib/functions.php** on line **2236**

1) password\_hash is an actual function, so renamed instances to password\_hash\_custom (HT: https://sourceforge.net/mailarchive/message.php?msg\_id=31302386)  
2) Fixed the preg\_replace to preg\_replace\_callback to use the /e/ functionality in the officially endorsed fashion

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[Browse code at this revision](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/)

Parent: [[cfbee1]](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/cfbee19721c88033d735dfd802ae68bb6cfdd1fe/)

|  |  |
| --- | --- |
| changed | [lib/PageRender.php](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/#diff-1) |
| changed | [lib/ds\_ldap.php](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/#diff-2) |
| changed | [lib/ds\_ldap\_pla.php](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/#diff-3) |
| changed | [lib/functions.php](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/#diff-4) |

[**lib/PageRender.php**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/PageRender.php)[**Diff**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/PageRender.php?diff=cfbee19721c88033d735dfd802ae68bb6cfdd1fe)[**Switch to side-by-side view**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/PageRender.php?barediff=cfbee19721c88033d735dfd802ae68bb6cfdd1fe)

--- a/lib/PageRender.php

+++ b/lib/PageRender.php

@@ -287,7 +287,7 @@

break;

default:

- $vals[$i] = password\_hash($passwordvalue,$enc);

+ $vals[$i] = password\_hash\_custom($passwordvalue,$enc);

}

$vals = array\_unique($vals);

@@ -957,7 +957,7 @@

if (trim($val))

$enc\_type = get\_enc\_type($val);

else

- $enc\_type = $server->getValue('appearance','password\_hash');

+ $enc\_type = $server->getValue('appearance','password\_hash\_custom');

$obfuscate\_password = obfuscate\_password\_display($enc\_type);

@@ -982,7 +982,7 @@

if (trim($val))

$enc\_type = get\_enc\_type($val);

else

- $enc\_type = $server->getValue('appearance','password\_hash');

+ $enc\_type = $server->getValue('appearance','password\_hash\_custom');

echo '<table cellspacing="0" cellpadding="0"><tr><td valign="top">';

[**lib/ds\_ldap.php**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/ds_ldap.php)[**Diff**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/ds_ldap.php?diff=cfbee19721c88033d735dfd802ae68bb6cfdd1fe)[**Switch to side-by-side view**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/ds_ldap.php?barediff=cfbee19721c88033d735dfd802ae68bb6cfdd1fe)

--- a/lib/ds\_ldap.php

+++ b/lib/ds\_ldap.php

@@ -1116,13 +1116,24 @@

if (is\_array($dn)) {

$a = array();

- foreach ($dn as $key => $rdn)

- $a[$key] = preg\_replace('/\\\([0-9A-Fa-f]{2})/e',"''.chr(hexdec('\\1')).''",$rdn);

+ foreach ($dn as $key => $rdn) {

+ $a[$key] = preg\_replace\_callback('/\\\([0-9A-Fa-f]{2})/',

+ function ($m) {

+ return ''.chr(hexdec('\\1')).'';

+ },

+ $rdn

+ );

+ }

return $a;

} else

- return preg\_replace('/\\\([0-9A-Fa-f]{2})/e',"''.chr(hexdec('\\1')).''",$dn);

+ return preg\_replace\_callback('/\\\([0-9A-Fa-f]{2})/',

+ function ($m) {

+ return ''.chr(hexdec('\\1')).'';

+ },

+ $dn

+ );

}

public function getRootDSE($method=null) {

[**lib/ds\_ldap\_pla.php**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/ds_ldap_pla.php)[**Diff**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/ds_ldap_pla.php?diff=cfbee19721c88033d735dfd802ae68bb6cfdd1fe)[**Switch to side-by-side view**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/ds_ldap_pla.php?barediff=cfbee19721c88033d735dfd802ae68bb6cfdd1fe)

--- a/lib/ds\_ldap\_pla.php

+++ b/lib/ds\_ldap\_pla.php

@@ -16,7 +16,7 @@

function \_\_construct($index) {

parent::\_\_construct($index);

- $this->default->appearance['password\_hash'] = array(

+ $this->default->appearance['password\_hash\_custom'] = array(

'desc'=>'Default HASH to use for passwords',

'default'=>'md5');

[**lib/functions.php**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/functions.php)[**Diff**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/functions.php?diff=cfbee19721c88033d735dfd802ae68bb6cfdd1fe)[**Switch to side-by-side view**](https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/tree/lib/functions.php?barediff=cfbee19721c88033d735dfd802ae68bb6cfdd1fe)

--- a/lib/functions.php

+++ b/lib/functions.php

@@ -2127,7 +2127,7 @@

\* crypt, ext\_des, md5crypt, blowfish, md5, sha, smd5, ssha, sha512, or clear.

\* @return string The hashed password.

\*/

-function password\_hash($password\_clear,$enc\_type) {

+function password\_hash\_custom($password\_clear,$enc\_type) {

if (DEBUG\_ENABLED && (($fargs=func\_get\_args())||$fargs='NOARGS'))

debug\_log('Entered (%%)',1,0,\_\_FILE\_\_,\_\_LINE\_\_,\_\_METHOD\_\_,$fargs);

@@ -2318,7 +2318,7 @@

# SHA crypted passwords

case 'sha':

- if (strcasecmp(password\_hash($plainpassword,'sha'),'{SHA}'.$cryptedpassword) == 0)

+ if (strcasecmp(password\_hash\_custom($plainpassword,'sha'),'{SHA}'.$cryptedpassword) == 0)

return true;

else

return false;

@@ -2327,7 +2327,7 @@

# MD5 crypted passwords

case 'md5':

- if( strcasecmp(password\_hash($plainpassword,'md5'),'{MD5}'.$cryptedpassword) == 0)

+ if( strcasecmp(password\_hash\_custom($plainpassword,'md5'),'{MD5}'.$cryptedpassword) == 0)

return true;

else

return false;

@@ -2392,7 +2392,7 @@

# SHA512 crypted passwords

case 'sha512':

- if (strcasecmp(password\_hash($plainpassword,'sha512'),'{SHA512}'.$cryptedpassword) == 0)

+ if (strcasecmp(password\_hash\_custom($plainpassword,'sha512'),'{SHA512}'.$cryptedpassword) == 0)

return true;

else

return false;

@@ -2564,13 +2564,24 @@

if (is\_array($dn)) {

$a = array();

- foreach ($dn as $key => $rdn)

- $a[$key] = preg\_replace('/\\\([0-9A-Fa-f]{2})/e',"''.chr(hexdec('\\1')).''",$rdn);

+ foreach ($dn as $key => $rdn) {

+ $a[$key] = preg\_replace\_callback('/\\\([0-9A-Fa-f]{2})/',

+ function ($m) {

+ return ''.chr(hexdec('\\1')).'';

+ },

+ $rdn

+ );

+ }

return $a;

} else {

- return preg\_replace('/\\\([0-9A-Fa-f]{2})/e',"''.chr(hexdec('\\1')).''",$dn);

+ return preg\_replace\_callback('/\\\([0-9A-Fa-f]{2})/',

+ function ($m) {

+ return ''.chr(hexdec('\\1')).'';

+ },

+ $dn

+ );

}

}

https://sourceforge.net/u/nihilisticz/phpldapadmin/ci/7e53dab990748c546b79f0610c3a7a58431e9ebc/