

hash_hmac

WMMEGA FW >= 2.1030 WM2 FW >= 3.1130

Generate a keyed hash value using the HMAC method

Description

string hash_hmac (string \$algorithm , string \$data , string \$key)

This can be used for cryptography or just for checksum calculations.

Parameter

\$algorithm: Name of selected hashing algorithm. Current algorithms supported are:

Parameter	Algorithm	Return Size (characters)
md5	MD5	32
sha1	SHA-1	40
sha224	SHA-224	56
sha256	SHA-256	64
sha384	SHA-384	96
sha512	SHA-512	128

\$data: String of characters to calculate hash for

\$key: String of characters of key to be used in hash calculation

Return Values

String: Hash result (as hexadecimal number) of **data**. **See above for expected length**

Example

```
<?

// Get the parameters from the URL

$algo=$_GET['algorithm'];
$key=$_GET['key'];
$data=$_GET['data'];
```

```
// make sure parameters are passed properly
if (!$algo) {
    print("You need to specify an algorithm");
    die();
}
if (!$key) {
    print("You need to specify a key");
    die();
}
if (!$data) {
    print("You need to specify a data parameter");
    die();
}

// calculate the hash
$res = hash_hmac($algo,$data,$key);

// output the results
print($algo." hash for key ".$key." and data ".$data." = ".$res);

?>
```

See Also

[md5\(\)](#) - Calculate the MD5 hash of a **string**

[sha1\(\)](#) - Calculate the SHA-1 hash of a **string**

[md5_file\(\)](#) - Calculate the MD5 hash of a file

[aes_decrypt\(\)](#) - Decrypt a string using the AES algorithm

[aes_encrypt\(\)](#) - Encrypt a string using the AES algorithm

From:

<http://wattmon.com/dokuwiki/> - **Wattmon Documentation Wiki**

Permanent link:

http://wattmon.com/dokuwiki/uphp/functions/hash_hmac?rev=1565948589

Last update: **2021/09/13 05:56**

