

# sha1

WMPRO, WMMINI FW >= 1.1015 WMMEGA FW >= 2.0

Calculate the SHA1 hash of a **string**

## Description

**string** sha1 ( **string** \$input )

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

For more information on SHA1, see this [Wikipedia link](#).

## Parameter

**\$input**: A **string**

## Return Values

**String**: SHA1 hash (40 character hexadecimal number) of **input**

## Example

```
<?
// Name this example and call it with this: sha1.cgi?key=secretkey

// SHA1 hash value for "secretkey":
$hash="9885F8AF04289135DF259E34BD22D17FE45EA81E";

if (sha1($_GET['key']) == $hash) {
    print("hashes match!");
}
?>
```

## See Also

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

[md5\\_file\(\)](#) - Calculate the MD5 hash of a file

[hash\\_hmac\(\)](#) - Calculate the hash of a string

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

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

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