

username=guest

Welcome Guest. Here is a signature: efdcf627ef001b16fb89cdbb65f2384509a0b40bd69a7f578d35c1893da522f0

```
<?php
    include("../secret.php");
    assert(strlen($secret) == 8);
    $yourquery = $_SERVER['QUERY_STRING'];
    print_r("<p>".urldecode($yourquery)."</p>");

    $MAC = hash("sha256",$secret.urldecode($yourquery));

    if (isset($_GET["username"])){
        if ($_GET["username"] === "admin"){
            if ($_COOKIE["signature"] === $MAC){
                print_r($flag);
            } else {
                print_r("BAD SIGNATURE!");
            }
        } else if ($_GET["username"] === "guest"){
            print_r("Welcome Guest. Here is a signature: ");
            print_r(hash("sha256",$secret."username=guest"));
        }
    } else {
        print_r("USAGE: ?username={guest,admin}");
    }
    print_r("<hr>");
    highlight_file(__FILE__);
?>
```