Authentic 2 - Bug #7204

Bad xml encoding with mod_cas

11 mai 2015 23:27 - Emmanuel Lacour

Statut:	Fermé		**Début:**	11 mai 2015
Priorité:	Normal		**Echéance:**	
Assigné à:			**% réalisé:**	100%
Catégorie:			**Temps estimé:**	0:00 heure
Version cible:				
Patch proposed:	Non		**Planning:**	

Description

Using mod_cas, I get this error in apache error log:

MOD_AUTH_CAS: error parsing CASv2 response: XML parser error code: unknown encoding (18)

Error is gone by replacing utf8 by utf-8 in cas/views.py:

1. diff ~~Naur /var/backups/vim/views.py~ /usr/share/pyshared/authentic2_idp_cas/views.py~~
   ~~-- /var/backups/vim/views.py~   2015-05-11 23:24:34.434041777 0200~~
   ~~++ /usr/share/pyshared/authentic2_idp_cas/views.py   2015-05-11 23:24:34.434041777 0200~~
   ~~@ -267,7 +267,7 @~~
   ~~user.text = unicode(identifier)~~
   ~~self.provision_pgt(request, st, success)~~
   ~~self.provision_attributes(request, st, success)~~
   ~~-   return HttpResponse(ET.tostring(root, encoding='utf8'),~~
   return HttpResponse(ET.tostring(root, encoding='utf-8'),
   content_type='text/xml')

   def provision_attributes(self, request, st, success):
   @ -390,7 +390,7 @
   success = ET.SubElement(root, PROXY_SUCCESS_ELT)
   proxy_ticket = ET.SubElement(success, PROXY_TICKET_ELT)
   proxy_ticket.text = pt.ticket_id
   -      return HttpResponse(ET.tostring(root, encoding='utf8'),
   +   return HttpResponse(ET.tostring(root, encoding='utf-8'),
   content_type='text/xml')

Révisions associées

Révision e31e3f64 - 12 mai 2015 17:44 - Benjamin Dauvergne

authentic_idp_cas/views: fix utf-8 encoding name (fixes #7204)

ElementTree is more rigorous than Python on the UTF-8 encoding name.

Historique

#1 - 12 mai 2015 16:52 - Benjamin Dauvergne

I do not think there is a difference between utf8, utf-8 or utf_8 with Python. Are you sure this fixed your problem ?

#2 - 12 mai 2015 17:03 - Emmanuel Lacour

Le 12/05/2015 16:52, redmine@entrouvert.com a écrit :

> La demande #7204 a été mise à jour par Benjamin Dauvergne.

> I do not think there is a difference between utf8, utf-8 or utf_8 with Python. Are you sure this fixed your problem ?

sure, but I think the true problem is not within python, but with apache
mod auth_cas ...

thought updating your code should make it compatible with the cas apache
plugin.

#3 - 12 mai 2015 17:31 - Benjamin Dauvergne

Ok I understand the problem now, it's not the encoding but the name given to the encoding in the XML output.

#4 - 12 mai 2015 17:40 - Benjamin Dauvergne

It's a strange behaviour from ElementTree, it is more rigourous than Python on the encoding name.

```
In [3]: ET.tostring(ET.Element('coucou'), encoding='utf8')
Out[3]: "<?xml version='1.0' encoding='utf8'?>\n<coucou />"

In [4]: ET.tostring(ET.Element('coucou'), encoding='utf-8')
Out[4]: '<coucou />'
```

#5 - 12 mai 2015 17:46 - Benjamin Dauvergne

- *Statut changé de Nouveau à Résolu (à déployer)*

- *% réalisé changé de 0 à 100*

Appliqué par commit authentic2|e31e3f643105874767df4dbc0ae9af4a0a8df8a2.

#6 - 25 février 2016 16:09 - Benjamin Dauvergne

- *Statut changé de Résolu (à déployer) à Solution déployée*

#7 - 06 décembre 2017 15:28 - Benjamin Dauvergne

- *Statut changé de Solution déployée à Fermé*