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## Invalid request token for Social Login user identifier

- **Product:** Alma
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### Description

We're trying to link Twitter to Alma to allow our Special Borrowers to access the system. As per step #3 in the [Configure Twitter to allow login to Alma](#) Developer Network Article and using my own Twitter account, I was able to become a developer and created the API keys needed to complete the form. Now I can see the Social Login choices (i.e. sign in with FB, Google, Twitter). However, once I click "Sign in with Twitter", I get the following error message in my web browser:

*"Whoa there!  
The request token for this page is invalid. It may have already been used, or expired because it is too old. Please go back to the site or application that sent you here and try again; it was probably just a mistake."*

This seems to indicate that oauth\_token is null.  
What should the Call back URL be?

### Problem

Customer was only using one Callback URL at a time:  
`https://<YOUR_ALMA_DNS>/infra/socialLoginRedirect`  
or  
`https://<YOUR_PRIMO_DNS>/infra/socialLoginRedirect`

### Resolution

Adding both URLs together resolved the issue for Twitter and FaceBook. For example, there's the option to add additional Callback URLs in the Twitter app. Additionally it's helpful to add a third address as well:  
`https://<CUSTOMER_CODE>.userservices.exlibrisgroup.com/infra/socialLoginRedirect`

### Additional Information

[Configure social login with Twitter](#)

[Configure social login with Google](#)

[Configure social login with Facebook](#)

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