

# JSON API Authentication

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## Authentication

For authentication purposes, the following parameters can be appended to each of the JSON API URLs:

- j\_username
- j\_password
- hash

### Example:

Assuming the username and password required is "user1" and "password1" respectively, the following URL can be used:

```
/web/json/workflow/assignment/list/pending?j_username=user1&j_password=password1
```

If using a hashed password:

```
/web/json/workflow/assignment/list/pending?j_username=user1&hash=D012B772672A55A0B561EAA53CA7734E
```

## Master Login Username and Password

Set a Master Login Username and Master Login Password under **System Settings > General Setting**. By setting these values, a different user can be specified by passing in the loginAs parameter.



The screenshot shows the 'System Administration Settings' page. Under the 'General Setting' tab, there are two fields: 'Master Login Username' and 'Master Login Password'. The 'Master Login Username' field contains the text 'master'. The 'Master Login Password' field contains a masked password '.....'. Below the password field, there is a yellow highlighted box containing the text 'master login hash:E505CF727D214A68CB03DA25DA978500'.

Assuming the master login username and master login password is "master" and "master" respectively, the following URL can be used to represent user "user1":

```
/web/json/workflow/assignment/list/pending?j_username=master&j_password=master&loginAs=user1
```

There's a **hash** key for the combination of Master Login User and Master Login Password. By using this hash (assuming it's "hashKey"), API authentication can be done without exposing the Master Login Password.

```
/web/json/workflow/assignment/list/pending?j_username=master&hash=hashKey&loginAs=user1
```