



PSCM documentation

Release

SECURity at the network EDge

March 30, 2016

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AuthUser module

Created on 12/set/2014

```
class AuthUser.Authenticate (config)  
    Bases: object  
    classdocs  
    get_client_address (environ)  
    on_delete (request, response)  
    on_get (request, response)  
    on_post (request, response)
```

Config module

```
class Config.Configuration
    Bases: object

    LOGIN_PAGE_LOCATION
    ORCHESTRATOR_LOCATION
    PSCM_VERSION
    UPR_LOCATION
    USER_DATA_LOCATION
    USE_LOCAL_FILE
    initialize()
```

client module

```
class client.UPRClient (base_URL)

    associate_user_group (group, user_id)
    auth_user (user, password)
    create_group (name, description)
    create_mspl (target, editor, capability, is_reconciled, mspl, internalID=None)
    create_user (user_id, password, integrity_level, type, is_cooperative, is_infrastructure, is_admin,
                 creator, optimization_profile=None)
    delete_executed_psa (user_id, psa_id)
    delete_group (group_id)
    delete_group_psa (group, psa_id)
    delete_hspl (user_id, hspl_id)
    delete_mspl (mspl_id)
    delete_user (user_id)
    delete_user_group (user, group)
    delete_user_psa (user_id, psa_id)
    get_created_users (user_id)
    get_executed_psa (user_id)
    get_group_psa (group)
    get_hspl (target=None, editor=None)
    get_mspl (internalID=None, target=None, editor=None, is_reconciled=False)
    get_user_ag (user_id)
    get_user_creator (user_id)
    get_user_groups (user_id)
    get_user_list (user_id=None)
    get_user_mspl_psa (user_id)
    get_user_opt_profile (user_id)
```

```

get_user_psa (user_id, is_active=None)
get_user_psaconf (user_id, psa_id=None)
get_user_rag (user_id)
get_user_type (user_id)
list_group ()
list_user_group (group)
post_ag (target_id, editor_id, ag)
post_psaconf (user_id, psa_id, configuration)
post_rag (target_id, ned_info, rag)
put_executed_psa (user_id, psa_id)
put_group_psa (group, psa_id)
put_user_hspl (user_id, hspl, target)
put_user_mspl_psa (user_id, psa_id, mspl_id)
put_user_psa (user_id, data=None, psa_id=None, active=None, running_order=None)
    Data must be in the form accepted by the UPR { 'PSAList':[
        { 'psa_id':'12345', 'active':true, 'running_order':2
        }, {
            'psa_id':'54321', 'active':false, 'running_order':1
        }
    ]
    }
update_group (group, description=None)
update_user (user_id,    name=None,    password=None,    integrity=None,    type=None,
               is_cooperative=None, is_infrastructure=None, is_admin=None, creator=None)

```

main module

upr_client module

SECURED/UPR:

commit 6cd5e64432f525b65671372821f274798d02a205 Author: Antonio Pastor Perales <antonio.pastorperales@telefonica.com> Date: Tue Oct 20 10:56:59 2015 +0200

Complete merge request

class upr_client.**UPRClient** (*base_URL*)

associate_user_group (*group, user_id*)

auth_user (*user, password*)

create_group (*name, description*)

create_mspl (*target, editor, capability, is_reconciled, mspl, internalID=None*)

create_user (*user_id, password, integrityLevel, type, is_cooperative, is_infrastructure, is_admin, creator=None, optimization_profile=None*)

delete_executed_psa (*user_id, psa_id*)

delete_group (*group_id*)

delete_group_psa (*group, psa_id*)

delete_hspl (*user_id, hspl_id*)

delete_mspl (*mspl_id*)

delete_user (*user_id*)

delete_user_group (*user, group*)

delete_user_psa (*user_id, psa_id*)

get_created_users (*user_id*)

get_executed_psa (*user_id*)

get_group_psa (*group*)

get_hspl (*target=None, editor=None*)

get_mspl (*internalID=None, target=None, editor=None, is_reconciled=False*)

get_user_ag (*user_id*)

get_user_creator (*user_id*)

```

get_user_groups (user_id)
get_user_list (user_id=None)
get_user_mspl_psa (user_id)
get_user_opt_profile (user_id)
get_user_psa (user_id, is_active=None)
get_user_psaconf (user_id, psa_id=None)
get_user_rag (user_id)
get_user_type (user_id)
list_group ()
list_user_group (group)
post_ag (target_id, editor_id, ag)
post_psaconf (user_id, psa_id, configuration)
post_rag (target_id, ned_info, rag)
put_executed_psa (user_id, psa_id)
put_group_psa (group, psa_id)
put_user_hspl (user_id, hspl, target)
put_user_mspl_psa (user_id, psa_id, mspl_id)
put_user_psa (user_id, data=None, psa_id=None, active=None, running_order=None)
    Data must be in the form accepted by the UPR { 'PSAList':[
        { 'psa_id':'12345', 'active':true, 'running_order':2
        }, {
            'psa_id':'54321', 'active':false, 'running_order':1
        }
    ]
    }
update_group (group, description=None)
update_user (user_id, name=None, password=None, integrityLevel=None, type=None,
    is_cooperative=None, is_infrastructure=None, is_admin=None, creator=None)

```

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