Okta

Eureka

Okta Inc.
301 Brannan Street
San Francisco, CA 94107 USA

ServiceNow   Okta   ServiceNow   Okta

            Okta   ServiceNow   IT
                    Okta   ServiceNow
ServiceNow   IT   ServiceNow
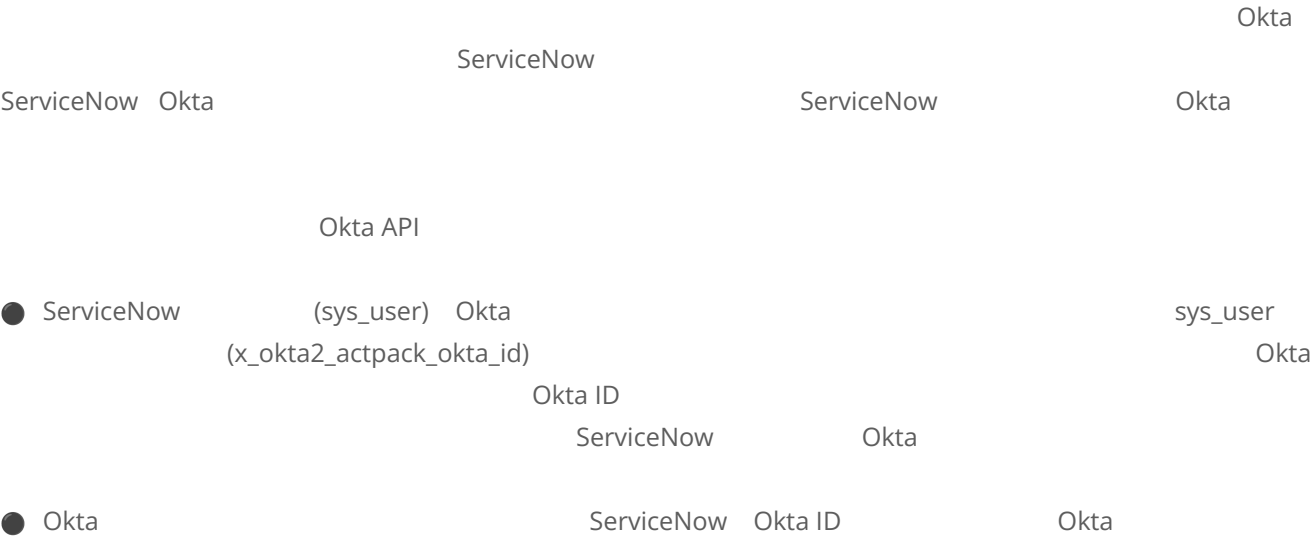
                                                            Okta API

                                                                Okta

                    Okta

                    Okta   IT
                            ServiceNow   IT
        Okta

Okta   ServiceNow   Okta   Okta
            Okta
                    Okta + ServiceNow

●
                            ServiceNow   Okta
                                                                    IT
                    Salesforce   1
                            Okta   Okta
Okta   ServiceNow

●

                            ServiceNow   Okta

●

Okta ServiceNow

ServiceNow

●

ServiceNow

ServiceNow

Okta

ServiceNow

1

Okta API

Okta

Okta

ServiceNow

ServiceNow　Okta　　　　　　　　　　　　　　　　　　ServiceNow　　　　　　　　　Okta

Okta API

● ServiceNow　　　　　　　(sys_user)　Okta　　　　　　　　　　　　　　　　　　　　sys_user
　　　　　　　　(x_okta2_actpack_okta_id)　　　　　　　　　　　　　　　　　　　Okta
　　　　　　　　　　　　　　Okta ID
　　　　　　　　　　　　　ServiceNow　　　　　　　Okta

● Okta　　　　　　　　　　　　　ServiceNow　Okta ID　　　　　　Okta

1.

- ServiceNow Orchestration
  o https://docs.servicenow.com/bundle/istanbul-it-operations-management/page/product/orchestration/task/t_ActivateOrchestration.html

-
  o https://store.servicenow.com/sn_appstore_store.do#!/store/application/78d76bbd0f1d2600299f06ace1050e20

-
- Okta   ServiceNow   System Applications   -> Applications   Downloads   Okta

2.

ServiceNow   Okta

1. Okta API
   a.   Okta
   b.   UI   Admin
   c.   Security-API   -API
   d.
         i.
         ii.   Create Token

         iii.   OK

2.   ServiceNow   Okta Activity Pack Okta   ->
   Okta Properties Okta
       a.
          This record is in the Okta Orchestration Activity Pack application, but Global is the current application.
                    Okta Orchestraton   Global

          To edit this record click here.   "   "   "here   "
                                 ServiceNow
                    Okta
       b.
   3.

a. Okta API   Okta
b. Okta API   Okta   "v-

Okta

Okta   (x_okta2_actpack_okta_group)

Okta Activity Pack Okta   -> Okta Groups module Okta

Okta   Active Directory

O365   Box   Okta   Okta   ServiceNow

● Okta Import Groups Scheduled Job –   6
    System Definitions   -> Scheduled Jobs   "Okta
Import Groups"   Execute Now

● Okta Group Import   (x_okta2_actpack_okta_group_import) –

● Okta Group Import   –   Okta   (x_okta2_actpack_okta_group)
                    ServiceNow

sys_user   Okta ID   (x_okta2_actpack_okta_id)
    ID   Okta   Okta
ID
Okta   "x_okta2_actpack_okta_id"

4. Okta

Okta

                "Okta Import Groups"   6

● System Definition   -> Scheduled Jobs
● Okta Import Groups
● Execute Now
●   Okta Groups

Okta ID   ServiceNow

        sys_user   "Get Okta ID"   E
    Okta ID   ID   Okta

Okta   [profile.email eq *'servicenow user email'*]

Okta
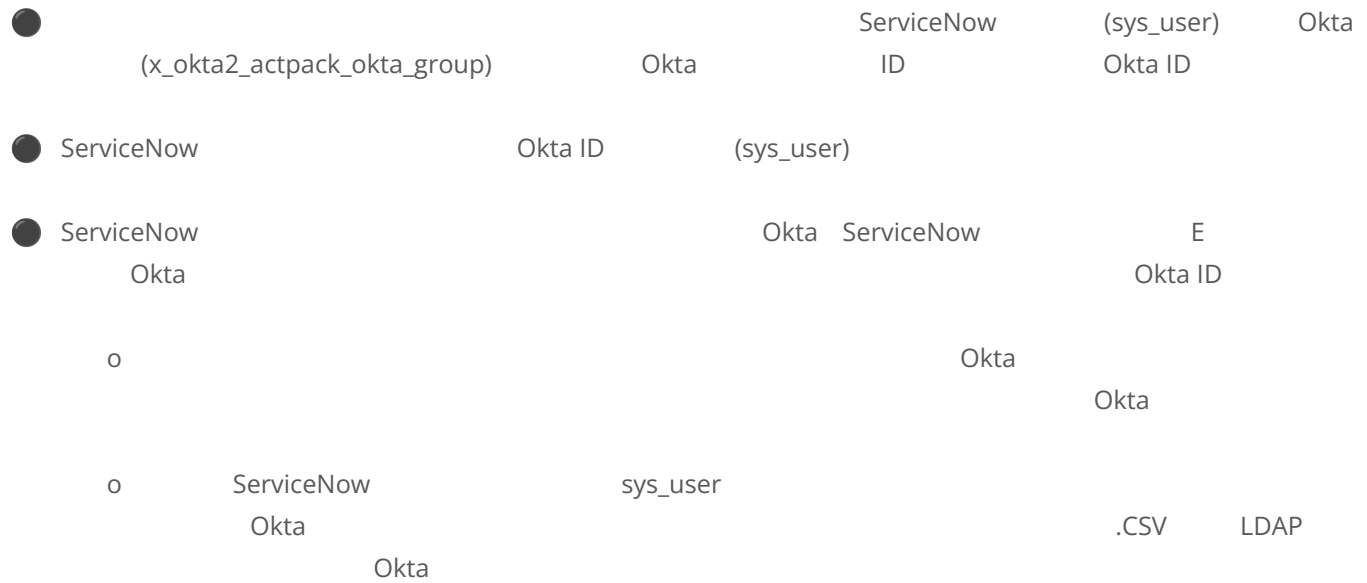
"Okta Bulk User ID Update"　　　　E

ServiceNow　Okta ID

API　　　　600　　　　　　　　　　　　　　　　　　　　　　　500　　　　　　　　Okta

5.

● 　　　　　　　　　　　　　　　　　　　　　　ServiceNow　　　(sys_user)　　　Okta
　　　　(x_okta2_actpack_okta_group)　　　　　　Okta　　　　　　　ID　　　　Okta ID

● ServiceNow　　　　　　　　　　Okta ID　　　　　(sys_user)

● ServiceNow　　　　　　　　　　　　　　　　　Okta　ServiceNow　　　　　　　E
　　Okta　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Okta ID

　o　　　　　　　　　　　　　　　　　　　　　　　　Okta
　　　　　　　　　　　　　　　　　　　　　　　　　Okta

　o　　　ServiceNow　　　　　　　　sys_user
　　　Okta　　　　　　　　　　　　　　　　　　　　　.CSV　　　LDAP
　　　　　Okta

6.

Okta

Okta

● Okta Add User to Group   - Okta   (ServiceNow   )   Okta

Okta: Add User to Group

Add a user to an Okta master group

❋ Select a user (limited to Okta users)

John Roberts

Existing Groups

OktaTest
Dropbox Access
Development
Product Management
SNAdmins
Concur

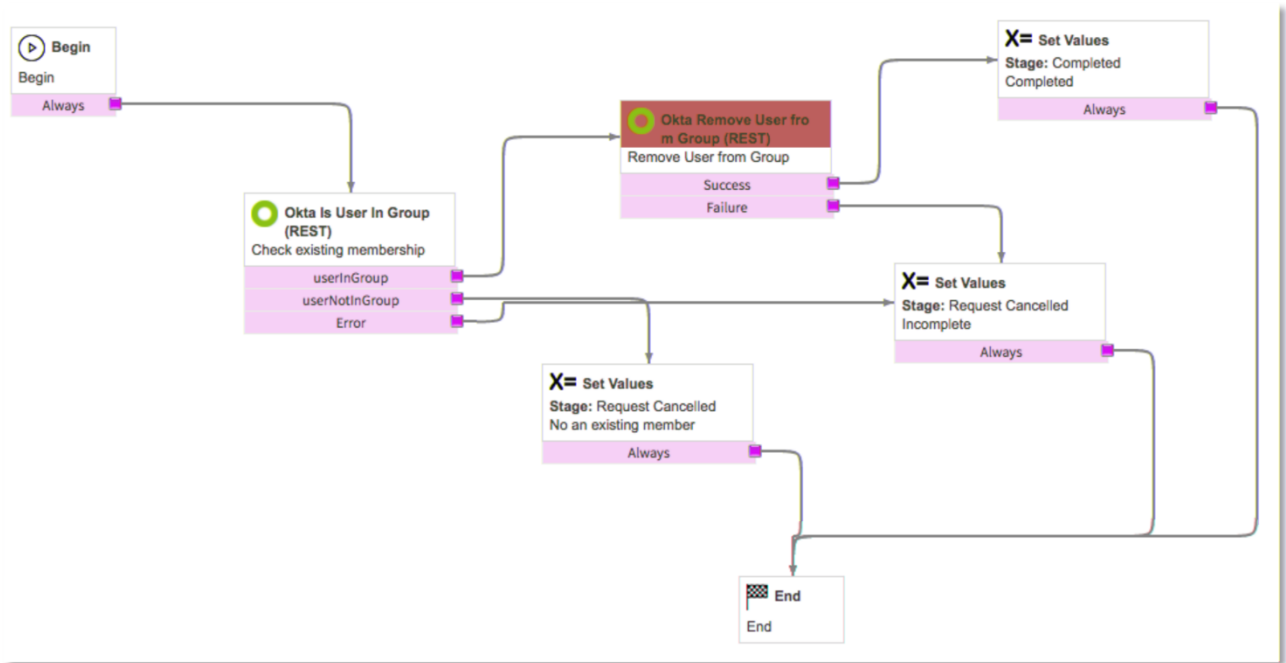❋ Select Okta master group

sal

salesforce
Salesforce Access
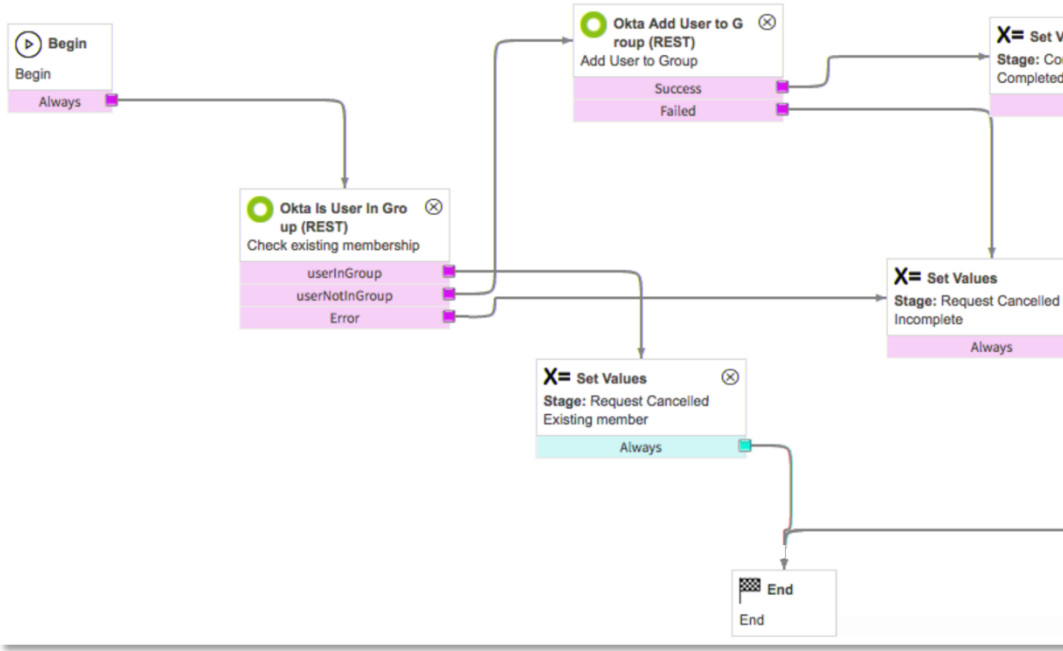
- o
  - user – Okta ID   sys_user
  - group –   x_okta2_actpack_okta_group
  - existing_groups   existing_group_ids –
- o
  - Get Okta User's Groups –   Okta

'group'

- o Okta Add User to Group
  - Okta Is User in Group – Okta   Okta ID   Okta

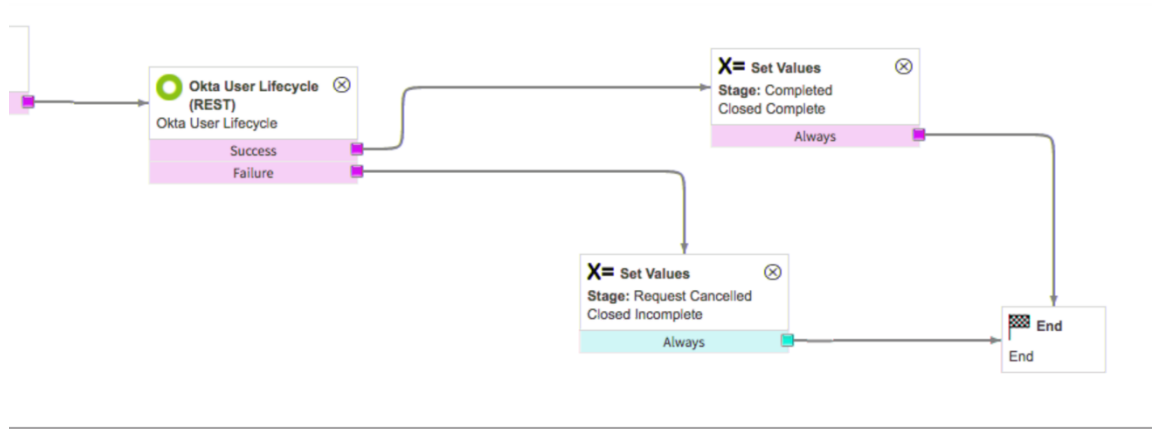 - Add user to Group – Okta   Okta ID   Okta

● Okta Remove User from Group **-** Okta   (ServiceNow   )   Okta

- o
    - ■ user – Okta ID   sys_user
    - ■ group –   x_okta2_actpack_okta_group
    - ■ existing_groups   existing_group_ids –
- o
    - ■ Get Okta User's Groups –   Okta

        'group'
- O   Okta Add User to Group
    - ■   Okta Is User in Group – Okta   Okta ID   Okta

    - ■   Remove User from Group – Okta   Okta ID
        Okta

● Okta User Lifecycle - Okta   (ServiceNow   )   Okta

- o
    - ■ user – Okta ID   sys_user
    - ■ operation – Okta   Okta API

- o
    - ■
- o   Okta User Lifecycle
    - ■   Okta User Lifecycle – Okta   ID   Okta

7.   Okta

Packs   Okta
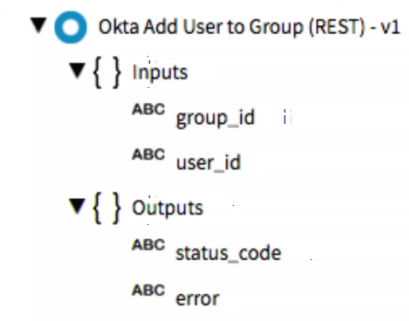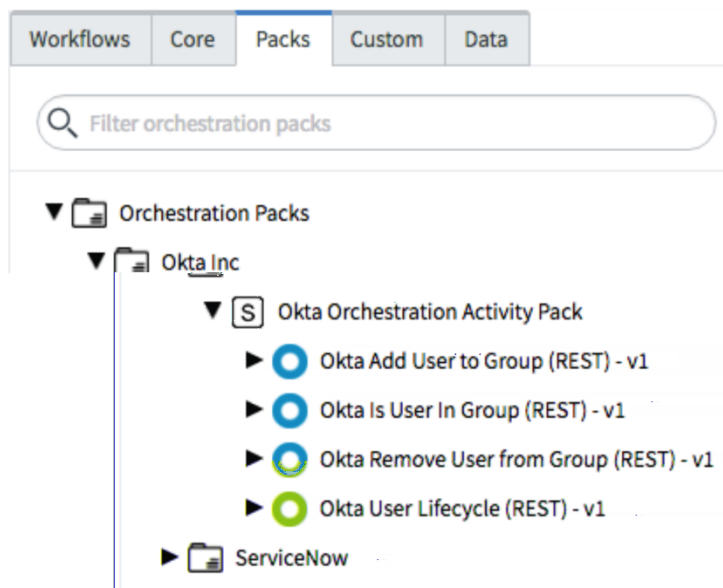
ServiceNow

● **Okta Add User to Group -** Okta   Okta
- o   Okta API https://developer.okta.com/docs/api/resources/groups.html#remove-user-from-group
- o   (   ) group_id Okta   ID   Okta   okta_id
- o   (   ) user_id Okta   ID sys_user.x_okta2_actpack_okta_id
- o   (   ) status_code Okta API
- o   (   ) error: Okta API
- o   (   ) Success: status_code = 204
- o   (   ) Failed: (else   )

● **Okta Is User In Group -** Okta   Okta
- o   Okta API https://developer.okta.com/docs/api/resources/groups.html#list-group-members
- o   (   ) group_id Okta   ID   Okta   okta_id
- o   (   ) user_id Okta   ID sys_user.x_okta2_actpack_okta_id
- o   (   ) userInGroup: true   false
- o   (   ) status_code Okta API
- o   (   ) error: Okta API
- o   (   ) userInGroup: userInGroup == "true"
- o   (   ) userNotInGroup: userInGroup == "false"
- o   (   ) Error: (else   )

● **Okta Remove User from Group -** Okta   Okta
- o   Okta API https://developer.okta.com/docs/api/resources/groups.html#remove-user-from-group
- o   (   ) group_id Okta   ID   Okta   okta_id
- o   (   ) user_id Okta   ID sys_user.x_okta2_actpack_okta_id
- o   (   ) status_code Okta API
- o   (   ) error: Okta API
- o   (   ) Success: status_code = 204
- o   (   ) Failed: (else   )

● **Okta User Lifecycle -** Okta
- o   Okta API https://developer.okta.com/docs/api/resources/users.html#lifecycle-operations
- o   (   ) user_id Okta   ID sys_user.x_okta2_actpack_okta_id
- o   (   ) operation: (Okta API   )
- o   (   ) send_email: Okta   E   true/false
- o   (   ) query_parm: Okta API
- o   (   ) response: API
- o   (   ) status_code Okta API
- o   (   ) error: Okta API

- o (   ) Success: status_code = 200
- o (   ) Failed: Not Success

8.

API URL

- ● Scripts   – Background

  ```
  var okta = new x_okta2_actpack.OktaRESTActivity();
  var rest = okta.oktaRESTRequest("get", "users");
  ```

- ● "oktaRESTRequest response status:200"   API
                              200
- ● API
  - o response status:401, body:{"errorCode":"E0000011","errorSummary":"Invalid token provided"

- ● Okta   'debug   '
- ● System Logs   -> Application Logs

- ● System Logs   -> All

9.　　　　　　　　　　　　　—　　　　　　　–

Okta Group Import (x_okta2_actpack_okta_group_import)

- ● 　　　　　sys_import_set_row
- ●
- ●
  - o
  - o　Web
  - o
  - o
- ●
  - o　Description　　　-
  - o　ID (id) -
  - o　Name　　　-
  - o　Type　　　-
- ● ACL

  - ●

	1	1	1	1
	1	1	1	N/A

Okta Group (x_okta2_actpack_okta_group)

- ● 　　　　　N/A
- ●
- ●
  - o
  - o　Web
  - o
  - o
- ●
  - o　Active　　　　　- True/False
  - o　Description　　　-
  - o　Last import (last_import) -
  - o　Name　　　-
  - o　Okta ID (okta_id) -
  - o　Type　　　-
- ● ACL

  - ●

	1	1	1	1
	1	1	1	N/A

Okta ID (sys_user.x_okta2_actpack_okta_id) -
- ● ACL

● Get Okta ID sys_user (async: insert,update)

● OktaUtils
    o   var otkautils = new x_okta2_actpack.Okta_Utils(); otkautils.importGroups();
    o
● OktaAJAX
    o   AJAX   Okta
    o
    o   Client   ACL = Yes
● OktaRESTActivity
    o   Okta REST
    o

● Okta Import Groups
    o   - 06:00:00
● Okta Bulk User ID Update
    o   - 00:00:00

● x_okta2_actpack.admin: Okta
● x_okta2_actpack.user: Okta

● OktaAJAX client_callable_script_include:execute (: No,   : No,   :
x_okta2_actpack.admin,x_okta2_act pack.user)
● sys_user.x_okta2_actpack_okta_id record:read (: No,   : No,   : x_okta2_actpack.admin)
● sys_user.x_okta2_actpack_okta_id record:write (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group.* record:create (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group record:delete (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group record:read (: No,   : No,   : x_okta2_actpack.user)
● x_okta2_actpack_okta_group record:write (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group.* record:create (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group.* record:read (: No,   : No,   : x_okta2_actpack.user)
● x_okta2_actpack_okta_group.* record:write (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group_import record:create (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group_import record:delete (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group_import record:read (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group_import record:write (: No,   : No,   : x_okta2_actpack.admin)
● x_okta2_actpack_okta_group_import.* record:create (: No,   : No,   : x_okta2_actpack.admin)

- x_okta2_actpack_okta_group_import.* record:read (: No,   : No,   : x_okta2_actpack.admin)
- x_okta2_actpack_okta_group_import.* record:write (: No,   : No,   : x_okta2_actpack.admin)

- x_okta2_actpack.api_token=: Okta API   Okta Security-API   API   (password2)
    - o   Read: x_okta2_actpack.admin
    - o   Write: x_okta2_actpack.admin
- x_okta2_actpack.api_version=v1: Okta API
    - o   Read: x_okta2_actpack.admin
    - o   Write: x_okta2_actpack.admin
- x_okta2_actpack.deactivate_old_groups_days=2:   Okta

    - o   Read: x_okta2_actpack.admin
    - o   Write: x_okta2_actpack.admin
- x_okta2_actpack.group_import_filter=type+eq+%22OKTA_GROUP%22:   Okta
    (default=type+eq+%22OKTA_GROUP%22) (   )
    - o   Read: x_okta2_actpack.admin
    - o   Write: x_okta2_actpack.admin
- x_okta2_actpack.logging.verbosity=info: Okta   (   )
    - o   Read: x_okta2_actpack.admin
    - o   Write: x_okta2_actpack.admin
- x_okta2_actpack.org_instance_url=: Okta   URL (   )
    - o   Read: x_okta2_actpack.admin
    - o   Write: x_okta2_actpack.admin

- Okta   / Okta   : URL (:):
- Okta   / Okta   :   : x_okta2_actpack_okta_group
- Okta   / Okta   : URL (:):
- Okta   / Okta   : URL (:):
- Okta   /   :
- Okta   /   :   : sc_cat_item

- Get Okta User's Groups (onChange)
    - o
    - o   Okta: Remove User from Group
- Get Okta User's Groups (onChange)
    - o
    - o   Okta: Add User to Group

- Okta Group Import
    - o   x_okta2_actpack_okta_group_import (x_okta2_actpack_okta_group_import)

- o   x_okta2_actpack_okta_group (x_okta2_actpack_okta_group)

REST

- ● Okta Get Groups
  - o   Okta   REST
  - o
  - o
  - o   get

- ● Okta Remove User from Group (REST)
  - o   Okta
  - o
  - o   false
- ● Okta User Lifecycle (REST)
  - o   Okta
  - o
  - o   false
- ● Okta Add User to Group (REST)
  - o   Okta
  - o
  - o   false
- ● Okta Is User In Group (REST)
  - o
  - o
  - o   false

- ● Okta Remove User from Group ()
  - o   true
  - o   false
- ● Okta   (sc_req_item)
  - o   true
  - o   false
- ● Okta   (sc_req_item)
  - o   true
  - o   false

- ●   UI   (catalog_ui_policy)
- ●   UI   (catalog_ui_policy)
- ●   UI   existing_groups (catalog_ui_policy_action)
- ●   UI   existing_groups (catalog_ui_policy_action)
- ●   UI   existing_group_ids (catalog_ui_policy_action)
- ●   UI   existing_group_ids (catalog_ui_policy_action)
- ●   okta_logo_sm.png (db_image)
- ●   ID (item_option_new)
- ●   ID (item_option_new)
- ●   (item_option_new)
- ●   (item_option_new)
- ●   (item_option_new)

- (Okta) (item_option_new)
- (Okta) (item_option_new)
- Okta (item_option_new)
- Okta (item_option_new)
- (item_option_new)
- (question_choice)
- (question_choice)
- (question_choice)
- (question_choice)
- (question_choice)
- (question_choice)
- (question_choice)
- (question_choice)
- Okta (sc_category)
- 'x_okta2_actpack.user' Okta (sc_category_user_criteria_mtom)
- Okta (sc_cat_item)
- Okta (sc_cat_item)
- Okta (sc_cat_item)
- .Okta (sc_cat_item_catalog)
- .Okta (sc_cat_item_catalog)
- .Okta (sc_cat_item_catalog)
- Okta.Okta (sc_cat_item_category)
- Okta.Okta (sc_cat_item_category)
- Okta.Okta (sc_cat_item_category)
- Okta .'x_okta2_actpack.user' (sc_cat_item_user_criteria_mtom)
- Okta .'x_okta2_actpack.user' (sc_cat_item_user_criteria_mtom)
- Okta .'x_okta2_actpack.user' (sc_cat_item_user_criteria_mtom)
- Okta (sys_properties_category)
- HTTP (sys_rest_message_fn_headers)
- HTTP (sys_rest_message_headers)
- HTTP (sys_rest_message_headers)
- AbstractAjaxProcessor (sys_scope_script_access)
- JSON (sys_scope_script_access)
- x_okta2_actpack_okta_group (sys_ui_section)
- x_okta2_actpack_okta_group (sys_ui_style)
- x_okta2_actpack_okta_group (sys_ui_style)
- x_okta2_actpack.user.x_okta2_actpack.admin (sys_user_role_contains)
- 'x_okta2_actpack.user' (user_criteria)