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Documentation for Instance 'cernasolutionsdemo1'

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Application Scopes

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Dynamic Workflow Tasks

Tables

Label	Extends table	Created by	Updated by
Dynamic Workflow Tasks		steve.rogers.admin	steve.rogers.admin

UI Policies

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Short description	Table	Created by	Updated by
Show Manual Assignment	x_cerso_dwft_dynamic_workflow_tasks	steve.rogers.admin	steve.rogers.admin

RSS Reader

Tables

Label	Extends table	Created by	Updated by
RSS Entries		steve.rogers.admin	steve.rogers.admin
RSS Feed		steve.rogers.admin	steve.rogers.admin

Script Includes

Name	Created by	Updated by
RSSReader	steve.rogers.admin	steve.rogers.admin

UI Pages

Name	Endpoint	Created by	Updated by
rss_feeds	x_cerso_rss_reader_rss_feeds.do	steve.rogers.admin	steve.rogers.admin

Scheduled Script Executions

Name	Run	Day	Day	Active	Created by	Updated by
Read all RSS Feeds	Periodically	Monday	1	true	steve.rogers.admin	steve.rogers.admin

Simple Demand Management

Tables

Label	Extends table	Created by	Updated by
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Demand	Task	steve.rogers.admin	steve.rogers.admin
Demand Assignment Lookup	Data Lookup Matcher Rules	steve.rogers.admin	steve.rogers.admin

Business Rules

Name	Table	When	Insert	Update	Delete	Query	Created by	Updated by
Assign to Business Service Group	x_cerso_simple_dm_idea	before	true	true	false	false	steve.rogers.admin	steve.rogers.admin
Generate Demand	x_cerso_simple_dm_idea	before	true	true	false	false	steve.rogers.admin	steve.rogers.admin

UI Policies

Short description	Table	Created by	Updated by
Read Only Fields	x_cerso_simple_dm_demand	steve.rogers.admin	steve.rogers.admin
Required Fields	x_cerso_simple_dm_idea	steve.rogers.admin	steve.rogers.admin

Skills

Tables

Label	Extends table	Created by	Updated by
Defined Skills		Carrie.Padian.Admin	Carrie.Padian.Admin
Skills Tags		Carrie.Padian.Admin	Carrie.Padian.Admin

UI Policies

Short description	Table	Created by	Updated by
Mandatory fields	x_cerso_skills_defined_skills	Carrie.Padian.Admin	Carrie.Padian.Admin

Global

Tables

Label	Extends table	Created by	Updated by
Accounts		steve.rogers.admin	steve.rogers.admin
Alias		steve.rogers.admin	steve.rogers.admin

System Properties

Name	Description	Type	Value	Private	Created by	Updated by
configuration_backup.auto_backup	Check box to enable nightly automatic backup.	true false	true	false	steve.rogers.admin	steve.rogers.admin
configuration_backup.backup_ignored	If checked, the system WILL backup update sets set to the state of "Ignored". If NOT checked, all "Ignored" update sets will be skipped.	true false	false	false	steve.rogers.admin	steve.rogers.admin

Plugins

Name	Version	Description	ID	Created by	Updated by
System Update Sets Preview	1.0.0		com.glide.system_update_set_preview	system	system
Integration - Multiple	1.0.0	Use this plugin instead of 'Integration - Multiple	com.snc.integration.sso.multi.installer	system	system

Provider Single Sign-On Installer

Provider Single Sign-On' plugin to activate Multiple Provider Single Sign-On feature.

Catalog Items

Name	Active	Category	Workflow	Created by	Updated by
Sick Day Request	true		Sick Day	tommy.lamonte.admin	tommy.lamonte.admin
Time Off Request	true	Can We Help You?	Time Off Workflow	peter.parker.admin	josh.tessaro.admin

Script Includes

Name	Created by	Updated by
addResourceToProject	bucky.barnes.admin	steve.rogers.admin
AjaxDurCalc	peter.parker.admin	peter.parker.admin

Business Rules

Name	Table	When	Insert	Update	Delete	Query	Created by	Updated by
Accept	hr_task	before	true	true	false	false	admin	admin
Accuracy Calculator	u_forecasted_hours	before	true	true	false	false	steve.rogers.admin	steve.rogers.admin

Client Scripts

Name	Table	Type	Field name	Created by	Updated by
Calculate Duration From End Date	u_projects	onChange	u_end_date	peter.parker.admin	peter.parker.admin
Clear Resource Plan	time_card	onChange	task	admin	admin

Catalog Client Scripts

Applies

Variable

Name	to	Catalog item	set	Type	Created by	Updated by
Check that start date is not in the past	A Catalog Item	Employee onboarding		onChange	admin	josh.tessaro.admin
Email Validation	A Catalog Item	New Candidate		onChange	Meaghan.Grant.admin	Meaghan.Grant.admin

UI Policies

Short description	Table	Created by	Updated by
Always Hide Fields	time_card	steve.rogers.admin	steve.rogers.admin
Do not allow changes if published or checked out by someone else	wf_workflow_version	glide.maint	admin

UI Actions

Name	Table	Client	Created by	Updated by
Accept	hr_task	false	admin	admin
Add Resource	u_projects	true	bucky.barnes.admin	bucky.barnes.admin

UI Pages

Name	Endpoint	Created by	Updated by
add_resource		bucky.barnes.admin	bucky.barnes.admin
adjust_resource		bucky.barnes.admin	bucky.barnes.admin

REST Messages

Name	Endpoint	Created by	Updated by
CodeSearch	http://ec2-54-209-153-88.compute-1.amazonaws.com/api/codesearch/	steve.rogers.admin	steve.rogers.admin

SOAP Messages

Name	WSDL	Created by	Updated by
Amazon	http://webservices.amazon.com/AWSECommerceService/AWSECommerceService.wsdl	dloo	steve.rogers.admin

Scripted Web Services

Name	WSDL	Function name	Short description	Created by	Updated by
CMDBApiWS	https://cernasolutionsdemo1.service-now.com/CMDBApiWS.do?WSDL	execute	This scripted web service is for CMDB Web API.	admin	steve.rogers.admin

Scripted REST APIs

Name	Base API path	API ID	Short description	Created by	Updated by
Test	/api/x_cerso_auto_doc/test	test	Test TEST	steve.rogers.admin	steve.rogers.admin

Fix Scripts

Name	Created by	Updated by
Add Users to Forecast Users Group	steve.rogers.admin	steve.rogers.admin
Backup and Link Update Sets	steve.rogers.admin	steve.rogers.admin

Scheduled Script Executions

Name	Run	Day	Day	Active	Created by	Updated by
Check for Updated Forecasts	Periodically	Monday	1	true	steve.rogers.admin	steve.rogers.admin
Configuration Backup - Automatic Nightly 2am EST	Daily	Monday	1	true	steve.rogers.admin	steve.rogers.admin

Data Sources

Name	Import set table name	Type	File retrieval method	Created by	Updated by
------	-----------------------	------	-----------------------	------------	------------

customers_tmp.csv (Uploaded)	u_import_qb_customers	File	Attachment	steve.rogers.admin	steve.rogers.admin
data sheet 1.xls (Uploaded)	u_forecast	File	Attachment	steve.rogers.admin	steve.rogers.admin

Appendices

Tables

Accounts

Details

Name	u_accounts
Application	Global
Accessible from	All application scopes
Extends table	

Fields

Column label	Column name	Type	Reference	Max length
Active	u_active	True/False		40
Address One	u_address_one	String		100
Address Three	u_address_three	String		100
Address Two	u_address_two	String		100
Balance	u_balance	Currency		15
BalanceWithJobs	u_balancewithjobs	Currency		15
BillWithParent	u_billwithparent	True/False		40
City	u_city	String		100
Country	u_country	String		40
Created	sys_created_on	Date/Time		40

Created by	sys_created_by	String		40
Email Addresses	u_email_addresses	String		1,000
FamilyName	u_familyname	String		40
Fax Number	u_fax_number	String		40
GivenName	u_givename	String		40
Job	u_job	True/False		40
Lat	u_lat	String		40
Long	u_long	String		40
Name	u_name	String		200
Notes	u_notes	String		1,000
Parent	u_parent	Reference	Accounts	32
Phone Number	u_phone_number	String		40
QuickBooks ID	u_quickbooks_id	String		40
QuickBooks Name	u_quickbooks_name	String		100
Sales Person	u_sales_person	Reference	User	32
State	u_state	String		40
Sys ID	sys_id	Sys ID (GUID)		32
Taxable	u_taxable	True/False		40
Title	u_title	String		40
Updated	sys_updated_on	Date/Time		40
Updated by	sys_updated_by	String		40
Updates	sys_mod_count	Integer		40
Virtual Admin Client	u_virtual_admin_client	True/False		40
Zip	u_zip	String		40

Alias

Details

Name	u_alias
Application	Global
Accessible from	All application scopes
Extends table	

Fields

Column label	Column name	Type	Reference	Max length
Created	sys_created_on	Date/Time		40
Created by	sys_created_by	String		40
ID	u_id	Document ID		32
Name	u_name	String		100
Number	u_number	String		40
Sys ID	sys_id	Sys ID (GUID)		32
Table Name	u_table_name	Table Name		80
Updated	sys_updated_on	Date/Time		40
Updated by	sys_updated_by	String		40
Updates	sys_mod_count	Integer		40

Demand

Details

Name	x_cerso_simple_dm_demand
Application	Simple Demand Management
Accessible from	All application scopes
Extends table	Task

Fields

Column label	Column name	Type	Reference	Max length
Product	product	Reference	Application Model	32
Source Idea	idea	Reference	Idea	32
Sys ID	sys_id	Sys ID (GUID)		32

Demand Assignment Lookup

Details

Name	x_cerso_simple_dm_demand_assignment_lookup
Application	Simple Demand Management
Accessible from	This application scope only
Extends table	Data Lookup Matcher Rules

Fields

Column label	Column name	Type	Reference	Max length
Assignment group	assignment_group	Reference	Group	32
Business service	business_service	Reference	Business Service	32
Sys ID	sys_id	Sys ID (GUID)		32

Dynamic Workflow Tasks

Details

Name	x_cerso_dwft_dynamic_workflow_tasks
Application	Dynamic Workflow Tasks
Accessible from	All application scopes
Extends table	

Fields

Column label	Column name	Type	Reference	Max length
Assigned to	assigned_to	Reference	User	32
Assignment group	assignment_group	Reference	Group	32
Assignment Type	assignment_type	String		40
Change type	change_type	Choice		40
Class	sys_class_name	System Class Name		80
Created	sys_created_on	Date/Time		40
Created by	sys_created_by	String		40
Description	description	String		4,000
HookPoint	hookpoint	Choice		40
Location	location	Reference	Location	32
Number	number	String		40
Order	order	Integer		40
Short description	short_description	String		100
Sys ID	sys_id	Sys ID (GUID)		32
Task Type	task_type	String		40
Updated	sys_updated_on	Date/Time		40
Updated by	sys_updated_by	String		40
Updates	sys_mod_count	Integer		40

RSS Entries

Details

Name	x_cerso_rss_reader_rss_entries
Application	RSS Reader
Accessible from	All application scopes

Extends table

Fields

Column label	Column name	Type	Reference	Max length
Created	sys_created_on	Date/Time		40
Created by	sys_created_by	String		40
Description	description	String		1,000
Link	link	URL		400
Pubdate	pubdate	Date/Time		40
RSS Feed	rss_feed	Reference	RSS Feed	32
Sys ID	sys_id	Sys ID (GUID)		32
Title	title	String		200
Updated	sys_updated_on	Date/Time		40
Updated by	sys_updated_by	String		40
Updates	sys_mod_count	Integer		40

RSS Feed

Details

Name	x_cerso_rss_reader_rss_feed
Application	RSS Reader
Accessible from	All application scopes
Extends table	

Fields

Column label	Column name	Type	Reference	Max length
Active	active	True/False		40
Created	sys_created_on	Date/Time		40

Created by	sys_created_by	String	40
Error Message	error_message	String	1,000
Last Poll	last_poll	Date/Time	40
Name	name	String	100
Number of Entries To Show	number_of_entries_to_show	Integer	40
Poll Frequency	poll_frequency	Choice	40
Scrolling	scrolling	True/False	40
Sys ID	sys_id	Sys ID (GUID)	32
Titles Only	titles_only	True/False	40
Updated	sys_updated_on	Date/Time	40
Updated by	sys_updated_by	String	40
Updates	sys_mod_count	Integer	40
URL	url	URL	200

Catalog Items

Sick Day Request

Details

Name	Sick Day Request
Application	Global
Active	true
Catalogs	Service Catalog
Category	
Workflow	Sick Day
Availability	Desktop and Mobile

Price	\$0.00
Recurring price	\$0.00
Recurring price frequency	
Short Description	Time Off Requested

Variables

Question	Name	Variable set	Type	Reference	Active	Mandatory	Order
Additional Information	additional_information	Sick Day Request	Multi Line Text		true	false	50
Approvals Already Received	approvals_already_received	Sick Day Request	Multi Line Text		true	false	40
End Date	end_date	Sick Day Request	Date		true	true	30
has_pto_to_cover	has_pto_to_cover	Sick Day Request	Yes / No		true	false	0
PTO Coverage Explanation	pto_coverage_explanation	Sick Day Request	Multi Line Text		true	false	1
Start Date	start_date	Sick Day Request	Date		true	true	20
Type	type	Sick Day Request	Multiple Choice		true	false	10
User	user	Sick Day Request	Reference	sys_user	true	true	

Time Off Request

Details

Name	Time Off Request
Application	Global
Active	true

Catalogs	Service Catalog
Category	Can We Help You?
Workflow	Time Off Workflow
Availability	Desktop and Mobile
Price	\$0.00
Recurring price	\$0.00
Recurring price frequency	
Short Description	Time Off Requested

Variables

Question	Name	Variable set	Type	Reference	Active	Mandatory	Order
Additional Information	additional_information	Time Off Request	Multi Line Text		true	false	60
Approvals Already Received	approvals_already_received	Time Off Request	Multi Line Text		true	false	40
End Date	end_date	Time Off Request	Date		true	true	30
has_pto_to_cover	has_pto_to_cover	Time Off Request	Yes / No		true	false	0
Projects Affected	projects_affected	Time Off Request	List Collector		true	false	50
PTO Coverage Explanation	pto_coverage_explanation	Time Off Request	Multi Line Text		true	false	1
Start Date	start_date	Time Off Request	Date		true	true	20
Type	type	Time Off Request	Multiple Choice		true	true	10
User	user	Time Off Request	Reference	sys_user	true	true	

Script Includes

addResourceToProject

Name	addResourceToProject
Application	Global
Accessible from	This application scope only
Client callable	true
Active	true
Description	

Script

```
/**
 * Created by ajbarnes on 12/11/15.
 */
var addResourceToProject = Class.create();
addResourceToProject.prototype = Object.extend(Object.prototype, {

  scheduleAsset: function() {
    var start_time = new GlideDateTime();
    var end_time = new GlideDateTime();
    var start_sunday = new GlideDate();

    start_time.setValue(this.getParameter('sysparm_start_time'));
    end_time.setValue(this.getParameter('sysparm_end_time'));
    start_sunday.setValue(start_time.getDate());

    var duration= GlideDate.subtract(start_time, end_time);
    var weeks = Math.floor(duration.getDayPart()/7);

    var user = this.getParameter('sysparm_asset');
    var resource = this.getParameter('sysparm_resource_plan');
    var hours = this.getParameter('sysparm_hours');
    var project = this.getParameter('sysparm_projectID');
    var forecasts = new GlideRecord("u_forecasted_hours");
    for (i=0; i<=weeks; i++) {
      forecasts.u_project = project;
      forecasts.u_user = user;
      forecasts.u_week.setValue(start_sunday);
      forecasts.u_resource_plan = resource;
```

```

        start_sunday.addDays(7);
        forecasts.u_hours = hours/weeks;
        forecasts.insert();
    }
},
adjustAsset: function() {
    var start_time = new GlideDateTime();
    var end_time = new GlideDateTime();
    var start_sunday = new GlideDate();

    start_time.setValue(this.getParameter('sysparm_start_time'));
    //end_time.setValue(this.getParameter('sysparm_end_time'));
    start_sunday.setValue(start_time.getDate());

    //var duration= GlideDate.subtract(start_time, end_time);
    //var weeks = Math.floor(duration.getDayPart()/7);

    var user = this.getParameter('sysparm_asset');
    var hours = this.getParameter('sysparm_hours');
    var project = this.getParameter('sysparm_projectID');
    var forecasts = new GlideRecord("u_forecasted_hours");
    forecasts.addEncodedQuery('u_project='+project + '^u_week>=' +start_sunday+'^u_user='+user);
    forecasts.query();
    var weekCount = forecasts.getRowCount() + 0;
    gs.log("count" + weekCount, "SI: AJB");
    while(forecasts.next()){
        gs.log("project" + forecasts.u_project + " user " +forecasts.u_user + " week " + forecasts.u_week + " sys_id " + forecasts.sys_id, "SI: AJB");
        forecasts.u_hours = hours/weekCount;
        forecasts.update();
    }
},
type: 'addResourceToProject'
});

```

AjaxDurCalc

Name	AjaxDurCalc
Application	Global
Accessible from	This application scope only
Client callable	true
Active	true

Description

Script

```
var AjaxDurCalc = Class.create();
AjaxDurCalc.prototype = Object.extend(Object(AbstractAjaxProcessor), {
durCalc: function() {
    return gs.dateDiff(this.getParameter('sysparm_strt'),this.getParameter('sysparm_end'), true);
}
});
```

RSSReader

Name	RSSReader
Application	RSS Reader
Accessible from	All application scopes
Client callable	false
Active	true
Description	

Script

```
var RSSReader = Class.create();
RSSReader.prototype = {
    initialize: function() {
    },

    readAllFeeds: function() {
        var now = new GlideDateTime();
        var feeds = new GlideRecord("x_cerso_rss_reader_rss_feed");
        feeds.addQuery("active", true);
        feeds.query();
        while(feeds.next()) {
            var date = new GlideDateTime();
            if(feeds.last_poll.getDisplayValue() != "") {
                date = new GlideDateTime(feeds.last_poll);
                date.addSeconds(feeds.poll_frequency*60);
            }
            else
```

```

        date.addYearsLocalTime(-1);

        if(date.compareTo(now) &lt;= 0) {
            this.readFeed(feeds, now);
        }
    }
},

readFeed: function(feed, date) {
    if(typeof date == "undefined")
        date = new GlideDateTime();

    this.readFeedFromURL(feed.url.toString(), feed.sys_id.toString());
    feed.last_poll.setDisplayValue(date.getDisplayValue());
    feed.update();
},

readFeedFromURL: function(url, feed) {
    if(typeof feed == "undefined")
        feed = "";

    var httpResponseBody = this.grabUsingREST(url, feed);

    if(httpResponseBody === false)
        return false;

    var xmlDoc = new XMLDocument2();
    xmlDoc.parseXML(httpResponseBody);

    var item = xmlDoc.getFirstNode("//item");

    if(item !== null) {
        xmlDoc = new XMLDocument2();
        xmlDoc.parseXML(httpResponseBody);

        this.readRSS2(xmlDoc, feed);
        return true;
    }
    var entry = xmlDoc.getFirstNode("//entry");

    if(entry !== null) {
        xmlDoc = new XMLDocument2();
        xmlDoc.parseXML(httpResponseBody);

        this.readAtom2(xmlDoc, feed);
        return true;
    }

    this.postMessage("Could not parse feed properly. Was not RSSv2 or Atom.", feed);
}

```

```

return false;
},

grabUsingREST: function(url, feedID) {

    try {

        var request = new sn_ws.RESTMessageV2();
        request.setHttpMethod('get');
        request.setEndpoint(url);
        request.setHttpTimeout(150000);

        var response = request.execute();
        response.waitForResponse(150000);
        var httpResponseStatus = response.getStatusCode();
        var httpResponseContentType = response.getHeader('Content-Type');

        var responseError = response.haveError();
        var responseErrorMsg = response.getErrorMessage();

        // if request is successful then parse the response body
        if (httpResponseStatus == 200) {

            var httpResponseBody = response.getBody();
            return httpResponseBody;
        }
        else {
            this.postMessage(httpResponseStatus+": "+responseErrorMsg, feedID);
            return false;
        }
    }
    catch(e) {
        gs.error(e);
        return false;
    }
},

postErrorMessage: function(error, feedID) {
    var f = new GlideRecord("x_cerso_rss_reader_rss_feed");
    if(f.get("sys_id", feedID)) {
        f.error_message = error;
        f.update();
    }
},

readRSS2: function(xmlDoc, feed) {

    var item = xmlDoc.getFirstNode("//item");

```

```

var title = "";
var link = "";
var pubDate = "";
var desc = "";

while(item !== null) {
    title = xmlDoc.getNodeText("//item/title");
    link = xmlDoc.getNodeText("//item/link");
    pubDate = xmlDoc.getNodeText("//item/pubDate");
    desc = xmlDoc.getNodeText("//item/description");

    this.insertEntry(title, link, pubDate, desc, feed);

    item = xmlDoc.getNextNode(item);
}
},

readAtom2: function(xmlDoc, feed) {

    var item = xmlDoc.getFirstNode("//entry");
    var title = "";
    var link = "";
    var pubDate = "";
    var desc = "";

    while(item !== null) {
        title = xmlDoc.getNodeText("//entry/title");
        link = xmlDoc.getNodeText("//entry/link");
        if(link === null || link === "") {
            var linkNode = xmlDoc.getNode("//entry/link");
            if(linkNode !== null) {
                link = linkNode.getAttribute("href");
            }
        }
        pubDate = xmlDoc.getNodeText("//entry/updated");
        desc = xmlDoc.getNodeText("//entry/summary");
        if(desc === null)
            desc = xmlDoc.getNodeText("//entry/content");

        this.insertEntry(title, link, pubDate, desc, feed);

        item = xmlDoc.getNextNode(item);
    }
},

insertEntry: function(title, link, date, desc, feed) {

    var gdt = this.parseDateString(date);

```

```

if(typeof feed == "undefined")
    feed = "";

//Look for the entry first
var gr = new GlideRecord("x_cerso_rss_reader_rss_entries");
gr.addQuery("link", link);
gr.addQuery("rss_feed", feed);
gr.setLimit(1);
gr.query();
if(!gr.next()) {
    gr = new GlideRecord('x_cerso_rss_reader_rss_entries');
    gr.title = title;
    gr.link = link;
    gr.pubdate.setDisplayValue(gdt.getDisplayValue());
    gr.description = desc;
    gr.rss_feed = feed;
    gr.insert();
}
},

parseDateString: function(d) {
    if(typeof d === "undefined" || d === "" || d === null )
        return new GlideDateTime();

    var date = this.parseDateRFC822(d);

    if(date !== false)
        return date;

    date = this.parseDateRFC3339(d);

    if(date !== false)
        return date;

    date = this.parseOtherDate(d);

    if(date !== false)
        return date;

    return new GlideDateTime();
},

parseDateRFC822: function(d) {
    var sec = Date.parse(d);
    if(sec.toString() === "NaN")
        return false;
}

```

```

    var gdt = new GlideDateTime();
    gdt.setValue(sec);
    return gdt;
},

parseDateRFC3339: function(d) {
    var googleDate = /^(\d{4})-(\d{2})-(\d{2})T(\d{2}):(\d{2}):(\d{2})(?:\.\d{0,1})(\d{3}){0,1}([+-]\d{2}):(\d{2})$/;
    var m = googleDate.exec(d);

    if(m === null)
        return false;

    var year    = +m[1];
    var month   = +m[2];
    var day     = +m[3];
    var hour    = +m[4];
    var minute  = +m[5];
    var second  = +m[6];
    var msec    = +m[7];
    var tzHour  = +m[8];
    var tzMin   = +m[9];
    var tzOffset = new Date().getTimezoneOffset() + tzHour * 60 + tzMin;

    var sec = new Date(year, month - 1, day, hour, minute - tzOffset, second).getTime();

    var gdt = new GlideDateTime();
    gdt.setValue(sec);

    return gdt;
},

parseOtherDate: function(d) {
    try {
        var gdt = new GlideDateTime(d);
        return gdt;
    }
    catch(e) {
        return new GlideDateTime();
    }
},

type: 'RSSReader'
};

```


Business Rules

Accept

Name	Accept
Application	Global
Table	hr_task
Active	false
Advanced	true
Order	310
When	before
Insert	true
Update	true
Delete	false
Query	false
Filter Condition	
Role Conditions	
Set field values	

Script Condition

```
current.state==16 &amp;&amp; (new StateFlow().validFlow(current, '60a3c4f8df93210068c37a0d3df26305', 'automatic'));
```

Script

```
new StateFlow().processFlow(current, '60a3c4f8df93210068c37a0d3df26305', 'automatic');
```

Accuracy Calculator

Name	Accuracy Calculator
------	---------------------

Application	Global
Table	u_forecasted_hours
Active	true
Advanced	true
Order	200
When	before
Insert	true
Update	true
Delete	false
Query	false
Filter Condition	u_hours_allocatedVALCHANGES^ORu_hoursVALCHANGES^u_hours_allocatedISNOTEMPTY^EQ
Role Conditions	
Set field values	

Script Condition

Script

```
(function executeRule(current, previous /*null when async*/) {  
  
    current.u_forecast_accuracy = current.u_hours_allocated - current.u_hours;  
    if(current.u_hours != 0) {  
        var percentage = (current.u_hours - Math.abs(current.u_forecast_accuracy)) / current.u_hours;  
        if(percentage &lt; 0)  
            percentage = 0;  
        current.u_accuracy_percentage = percentage*100;  
    }  
    else  
        current.u_accuracy_percentage = 0;  
})(current, previous);
```

Assign to Business Service Group

Name	Assign to Business Service Group
Application	Simple Demand Management
Table	x_cerso_simple_dm_idea
Active	true
Advanced	false
Order	100
When	before
Insert	true
Update	true
Delete	false
Query	false
Filter Condition	u_business_serviceVALCHANGES^EQ
Role Conditions	
Set field values	assignment_groupSAMEASu_business_service.support_group^EQ

Generate Demand

Name	Generate Demand
Application	Simple Demand Management
Table	x_cerso_simple_dm_idea
Active	true
Advanced	true
Order	100
When	before
Insert	true
Update	true

Delete	false
Query	false
Filter Condition	stateCHANGESTO3^EQ
Role Conditions	
Set field values	

Script Condition

Script

```
function onBefore(current, previous) {
  //This function will be automatically called when this rule is processed.
  //Create the Demand
  var demand = new GlideRecord("x_cerso_simple_dm_demand");
  demand.initialize();
  demand.idea = current.sys_id.toString();
  demand.short_description = current.short_description.toString();
  demand.description = current.description.toString();
  demand.cmdb_ci = current.cmdb_ci.toString();
  var id = demand.insert();
  //Store a reference to the demand in the idea.
  current.demand = id;
}
```

Client Scripts

Calculate Duration From End Date

Name	Calculate Duration From End Date
Application	Global
Table	u_projects
Active	true

Inherited	false
Global	true
UI Type	Desktop
Type	onChange
Field	u_end_date
Description	
Messages	

Script

```
function onChange(control, oldValue, newValue, isLoading) {
    var strt = g_form.getValue('u_start_date');
    var end = g_form.getValue('u_end_date');
    var ajax = new GlideAjax('AjaxDurCalc');
    ajax.addParam('sysparm_name', 'durCalc');
    ajax.addParam('sysparm_strt', strt);
    ajax.addParam('sysparm_end', end);
    ajax.getXMLWait();
    var answer = ajax.getAnswer();
    var realNumber = parseInt(answer);
    realNumber /= 60;
    realNumber /= 60;
    realNumber /= 24;
    realNumber /= 7;
    g_form.setValue('u_realtime', Math.round(realNumber));
    g_form.setValue('u_duration', Math.round(realNumber) + " Weeks");
}
```

Clear Resource Plan

Name	Clear Resource Plan
Application	Global
Table	time_card
Active	false
Inherited	false

Global	true
UI Type	Desktop
Type	onChange
Field	task
Description	
Messages	

Script

```
function onChange(control, oldValue, newValue, isLoading, isTemplate) {
    if (isLoading || newValue == '' || tcFlag == true) {
        tcFlag = false;
        return;
    }

    g_form.setValue("resource_plan", "");
}
```

Catalog Client Scripts

Check that start date is not in the past

Name	Check that start date is not in the past
Application	Global
Applies to	A Catalog Item
Catalog Item	Employee onboarding
Active	true
UI Type	Desktop
Applies on a Catalog Item view	true
Applies on Requested Items	false
Applies on Catalog Tasks	false

Type	onChange
Variable	IO:4a7a0c7aef2011004c7236caa5c0fb86

Script

```
function onChange(control, oldValue, newValue, isLoading) {
  if (isLoading || newValue == '') {
    return;
  }
  g_form.hideFieldMsg('change_date', true);
  var ga = new GlideAjax('ClientDateTimeUtils');
  ga.addParam('sysparm_name', 'getDateTimeBeforeNowBool');
  ga.addParam('sysparm_fdt', newValue);
  ga.getXMLAnswer(alertUser);
}

function alertUser(answer){
  if(answer == 'true'){
    return g_form.showFieldMsg('change_date', getMessage('Start date cannot be before the current date.'),'error');
  }
}
```

Email Validation

Name	Email Validation
Application	Global
Applies to	A Catalog Item
Catalog Item	New Candidate
Active	true
UI Type	Desktop
Applies on a Catalog Item view	true
Applies on Requested Items	false
Applies on Catalog Tasks	false
Type	onChange
Variable	IO:b6159ecb6fc8f60062ba91c75b3ee475

Script

```
function onChange(control, oldValue, newValue, isLoading) {
  if (isLoading || newValue == '') {
    return;
  }

  //validates a valid email address for the onchange field
  var err_field = control.id;
  var err_message = 'Invalid Email Address (abc@domain.com)';
  regex = /^[A-Z0-9._%+-]+@[A-Z0-9.-]+\.[A-Z]{2,4}/ig;
  var err_flag = 'false';
  err_flag = regex.test(g_form.getValue(err_field));
  g_form.hideErrorBox(err_field);
  if (!err_flag) {
    g_form.showFieldMsg(err_field, err_message, 'error');
  }
  else { g_form.hideErrorBox(err_field);
  }
}
```

UI Policies

Always Hide Fields

Details

Short Description	Always Hide Fields
Application	Global
Table	time_card
Active	true
Order	100
Global	true
On load	true
Reverse if false	true

Inherit	false
Run scripts	false
Conditions	

Field Actions

Field name	Mandatory	Visible	Read only
u_direct	Leave alone	False	Leave alone
u_project.u_direct	Leave alone	False	Leave alone
u_virtual_admin	Leave alone	False	Leave alone

Do not allow changes if published or checked out by someone else

Details

Short Description	Do not allow changes if published or checked out by someone else
Application	Global
Table	wf_workflow_version
Active	false
Order	100
Global	true
On load	true
Reverse if false	true
Inherit	false
Run scripts	false
Conditions	published=true^ORchecked_out_by!=javascript:gs.userID() ^EQ

Field Actions

Field name	Mandatory	Visible	Read only

column_renderer	Leave alone	Leave alone	True
condition	Leave alone	Leave alone	True
condition_type	Leave alone	Leave alone	True
description	Leave alone	Leave alone	True
expected_time	Leave alone	Leave alone	True
expected_time_type	Leave alone	Leave alone	True
max_activity_count	Leave alone	Leave alone	True
name	Leave alone	Leave alone	True
on_cancel	Leave alone	Leave alone	True
order	Leave alone	Leave alone	True
pin_type	Leave alone	Leave alone	True
relative_duration	Leave alone	Leave alone	True
run_multiple	Leave alone	Leave alone	True
schedule	Leave alone	Leave alone	True
stage_field	Leave alone	Leave alone	True
stage_order	Leave alone	Leave alone	True
start	Leave alone	Leave alone	True
sys_created_by	Leave alone	Leave alone	True
sys_created_on	Leave alone	Leave alone	True
sys_id	Leave alone	Leave alone	True
sys_mod_count	Leave alone	Leave alone	True
sys_updated_by	Leave alone	Leave alone	True
sys_updated_on	Leave alone	Leave alone	True
table	Leave alone	Leave alone	True
timezone	Leave alone	Leave alone	True
workflow	Leave alone	Leave alone	True

workflow.access

Leave alone

Leave alone

True

Mandatory fields

Details

Short Description	Mandatory fields
Application	Skills
Table	x_cerso_skills_defined_skills
Active	true
Order	100
Global	true
On load	true
Reverse if false	true
Inherit	false
Run scripts	false
Conditions	

Field Actions

Field name	Mandatory	Visible	Read only
skill_name	True	Leave alone	Leave alone

Read Only Fields

Details

Short Description	Read Only Fields
Application	Simple Demand Management
Table	x_cerso_simple_dm_demand
Active	true

Order	100
Global	true
On load	true
Reverse if false	true
Inherit	false
Run scripts	false
Conditions	

Field Actions

Field name	Mandatory	Visible	Read only
number	Leave alone	Leave alone	True

Required Fields

Details

Short Description	Required Fields
Application	Simple Demand Management
Table	x_cerso_simple_dm_idea
Active	true
Order	100
Global	true
On load	true
Reverse if false	true
Inherit	false
Run scripts	false
Conditions	

Field Actions

Field name	Mandatory	Visible	Read only
description	True	Leave alone	Leave alone
short_description	True	Leave alone	Leave alone
u_business_service	True	Leave alone	Leave alone

Show Manual Assignment

Details

Short Description	Show Manual Assignment
Application	Dynamic Workflow Tasks
Table	x_cerso_dwft_dynamic_workflow_tasks
Active	true
Order	100
Global	true
On load	true
Reverse if false	true
Inherit	false
Run scripts	false
Conditions	assignment_type=Manual^EQ

Field Actions

Field name	Mandatory	Visible	Read only
assigned_to	Leave alone	True	Leave alone
assignment_group	True	True	Leave alone

UI Actions

Accept

Name	Accept
Application	Global
Table	hr_task
Active	false
Order	300
Action name	accept
Show Insert	true
Show Update	true
Client	false
UI11 Compatible	true
UI16 Compatible	false
Form button	true
Form context menu	false
Form link	false
List banner button	false
List bottom button	false
List context menu	false
List choice	true
List link	false
Comments	Assignee accepts task
Hint	Agent is available and able to work on assigned HR Task at scheduled time

Condition

```
current.state==16 &amp;&amp; (new StateFlow().validFlow(current, 'eca3c4f8df93210068c37a0d3df26309', 'manual'));
```

Script

```
new StateFlow().processFlow(current, 'eca3c4f8df93210068c37a0d3df26309', 'manual');  
action.setRedirectURL(current);
```

Add Resource

Name	Add Resource
Application	Global
Table	u_projects
Active	true
Order	50
Action name	add_resource_asset
Show Insert	false
Show Update	true
Client	true
UI11 Compatible	true
UI16 Compatible	false
Form button	true
Form context menu	false
Form link	false
List banner button	false
List bottom button	false
List context menu	false
List choice	false
List link	false

Onclick

```
resourceAddPopUp()
```

Condition

Script

```
function resourceAddPopUp() {  
  
    var dialog = new GlideDialogWindow("add_resource");  
    var start_date = g_form.getValue('u_start_date');  
var end_date = g_form.getValue('u_end_date');  
var planned_hours = g_form.getValue('u_planned_hours');  
var project = g_form.getUniqueValue();  
    dialog.setPreference('project', project);  
    dialog.setPreference('start_date', start_date);  
    dialog.setPreference('end_date', end_date);  
    dialog.setPreference('planned_hours', planned_hours);  
    dialog.setTitle("Add Resource"); //Set the dialog title  
    dialog.render(); //Open the dialog  
}
```

REST Messages

CodeSearch

Details

Name	CodeSearch
Description	
Application	Global
Endpoint	http://ec2-54-209-153-88.compute-1.amazonaws.com/api/codesearch/
Authentication Type	Basic
Basic Auth Profile	CodeSearch

Use Mutual Authentication false

HTTP Headers

HTTP Methods

delete

Name	delete
Endpoint	http://ec2-54-209-153-88.compute-1.amazonaws.com/api/codesearch/
Authentication Type	
Use Mutual Auth	false
Use MID Server	

HTTP Headers

HTTP Query Parameters

Variable Substitutions

get

Name	get
Endpoint	http://ec2-54-209-153-88.compute-1.amazonaws.com/api/codesearch/?q=\${q}
Authentication Type	Basic
Use Mutual Auth	false
Use MID Server	

HTTP Headers

HTTP Query Parameters

Variable Substitutions

Name	Escape type	Test value
q	No escaping	GlideAjax

post

Name	post
Endpoint	http://ec2-54-209-153-88.compute-1.amazonaws.com/api/codesearch/

Authentication Type

Use Mutual Auth false

Use MID Server

HTTP Headers

HTTP Query Parameters

Variable Substitutions

put

Name	put
Endpoint	http://ec2-54-209-153-88.compute-1.amazonaws.com/api/codesearch/
Authentication Type	
Use Mutual Auth	false
Use MID Server	

HTTP Headers

HTTP Query Parameters

Variable Substitutions

SOAP Messages

Amazon

Details

Name	Amazon
Description	Sample Amazon web service.
Application	Global
WSDL	http://webservices.amazon.com/AWSECommerceService/AWSECommerceService.wsdl
Use mutual authentication	false
Download WSDL	false

SOAP Message Functions

BrowseNodeLookup

Name	BrowseNodeLookup
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/BrowseNodeLookup
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <BrowseNodeLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->
    <AssociateTag xsi:type="xsd:string">String</AssociateTag>
    <!-- optional -->
    <Validate xsi:type="xsd:string">String</Validate>
    <!-- optional -->
    <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
    <!-- optional -->
    <Shared xsi:type="m:BrowseNodeLookupRequest">
      <!-- Array[] -->
    <BrowseNodeId xsi:type="xsd:string">String</BrowseNodeId>
    <!-- Array[] -->
    <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
```

```

</Shared>
<!-- Array[] -->
<Request xsi:type="m:BrowseNodeLookupRequest">
<!-- Array[] -->
<BrowseNodeId xsi:type="xsd:string">String</BrowseNodeId>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Request>
  </BrowseNodeLookup>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

CartAdd

Name	CartAdd
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/CartAdd
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```

<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <CartAdd xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->
    <AssociateTag xsi:type="xsd:string">String</AssociateTag>

```

```

<!-- optional -->
<Validate xsi:type="xsd:string">String</Validate>
<!-- optional -->
<XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
<!-- optional -->
<Shared xsi:type="m:CartAddRequest">
<!-- optional -->
<CartId xsi:type="xsd:string">String</CartId>
<!-- optional -->
<HMAC xsi:type="xsd:string">String</HMAC>
<!-- optional -->
<MergeCart xsi:type="xsd:string">String</MergeCart>
<!-- Response: Items -->
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Shared>
<!-- Array[] -->
<Request xsi:type="m:CartAddRequest">
<!-- optional -->
<CartId xsi:type="xsd:string">String</CartId>
<!-- optional -->
<HMAC xsi:type="xsd:string">String</HMAC>
<!-- optional -->
<MergeCart xsi:type="xsd:string">String</MergeCart>
<!-- Response: Items -->
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Request>
  </CartAdd>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

CartClear

Name		CartClear
Use WS-Security	false	
Use MID Server		
Strip Whitespace	false	
Authentication Type		
Use Mutual Auth	false	
Use MID Server		
SOAP Action		http://soap.amazon.com/CartClear

SOAP Endpoint

<https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService>

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <CartClear xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:CartClearRequest">
        <!-- optional -->
        <CartId xsi:type="xsd:string">String</CartId>
        <!-- optional -->
        <HMAC xsi:type="xsd:string">String</HMAC>
        <!-- optional -->
        <MergeCart xsi:type="xsd:string">String</MergeCart>
        <!-- Array[] -->
        <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
      </Shared>
      <!-- Array[] -->
      <Request xsi:type="m:CartClearRequest">
        <!-- optional -->
        <CartId xsi:type="xsd:string">String</CartId>
        <!-- optional -->
        <HMAC xsi:type="xsd:string">String</HMAC>
        <!-- optional -->
        <MergeCart xsi:type="xsd:string">String</MergeCart>
        <!-- Array[] -->
        <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
      </Request>
    </CartClear>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

CartCreate

Name	CartCreate
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/CartCreate
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <CartCreate xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:CartCreateRequest">
      <!-- optional -->
      <MergeCart xsi:type="xsd:string">String</MergeCart>
      <!-- Response: Items -->
      <!-- Array[] -->
      <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
    </CartCreate>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```

</Shared>
<!-- Array[] -->
<Request xsi:type="m:CartCreateRequest">
<!-- optional -->
<MergeCart xsi:type="xsd:string">String</MergeCart>
<!-- Response: Items -->
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Request>
  </CartCreate>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

CartGet

Name	CartGet
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/CartGet
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```

<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <CartGet xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    </MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->

```



```

<AssociateTag xsi:type="xsd:string">String</AssociateTag>
<!-- optional -->
<Validate xsi:type="xsd:string">String</Validate>
<!-- optional -->
<XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
<!-- optional -->
<Shared xsi:type="m:CartGetRequest">
<!-- optional -->
<CartId xsi:type="xsd:string">String</CartId>
<!-- optional -->
<HMAC xsi:type="xsd:string">String</HMAC>
<!-- optional -->
<MergeCart xsi:type="xsd:string">String</MergeCart>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Shared>
<!-- Array[] -->
<Request xsi:type="m:CartGetRequest">
<!-- optional -->
<CartId xsi:type="xsd:string">String</CartId>
<!-- optional -->
<HMAC xsi:type="xsd:string">String</HMAC>
<!-- optional -->
<MergeCart xsi:type="xsd:string">String</MergeCart>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Request>
  </CartGet>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

CartModify

Name		CartModify
Use WS-Security	false	
Use MID Server		
Strip Whitespace	false	
Authentication Type		
Use Mutual Auth	false	
Use MID Server		
SOAP Action	http://soap.amazon.com/CartModify	

SOAP Endpoint

<https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService>

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <CartModify xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->
    <AssociateTag xsi:type="xsd:string">String</AssociateTag>
    <!-- optional -->
    <Validate xsi:type="xsd:string">String</Validate>
    <!-- optional -->
    <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
    <!-- optional -->
    <Shared xsi:type="m:CartModifyRequest">
      <!-- optional -->
    <CartId xsi:type="xsd:string">String</CartId>
    <!-- optional -->
    <HMAC xsi:type="xsd:string">String</HMAC>
    <!-- optional -->
    <MergeCart xsi:type="xsd:string">String</MergeCart>
    <!-- Response: Items -->
    <!-- Array[] -->
    <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
  </Shared>
  <!-- Array[] -->
  <Request xsi:type="m:CartModifyRequest">
    <!-- optional -->
    <CartId xsi:type="xsd:string">String</CartId>
    <!-- optional -->
    <HMAC xsi:type="xsd:string">String</HMAC>
    <!-- optional -->
    <MergeCart xsi:type="xsd:string">String</MergeCart>
    <!-- Response: Items -->
    <!-- Array[] -->
    <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
  </Request>
</CartModify>
```

```
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

CustomerContentLookup

Name	CustomerContentLookup
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/CustomerContentLookup
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <CustomerContentLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:CustomerContentLookupRequest">
      <!-- optional -->
      <CustomerId xsi:type="xsd:string">String</CustomerId>
      <!-- Array[] -->
```

```

<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<!-- optional -->
<ReviewPage xsi:type="xsd:positiveInteger">1</ReviewPage>
<!-- optional -->
<TagPage xsi:type="xsd:positiveInteger">1</TagPage>
<!-- optional -->
<TagsPerPage xsi:type="xsd:positiveInteger">1</TagsPerPage>
<!-- optional -->
<TagSort xsi:type="xsd:string">String</TagSort>
</Shared>
<!-- Array[] -->
<Request xsi:type="m:CustomerContentLookupRequest">
<!-- optional -->
<CustomerId xsi:type="xsd:string">String</CustomerId>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<!-- optional -->
<ReviewPage xsi:type="xsd:positiveInteger">1</ReviewPage>
<!-- optional -->
<TagPage xsi:type="xsd:positiveInteger">1</TagPage>
<!-- optional -->
<TagsPerPage xsi:type="xsd:positiveInteger">1</TagsPerPage>
<!-- optional -->
<TagSort xsi:type="xsd:string">String</TagSort>
</Request>
  </CustomerContentLookup>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

CustomerContentSearch

Name		CustomerContentSearch
Use WS-Security	false	
Use MID Server		
Strip Whitespace	false	
Authentication Type		
Use Mutual Auth	false	
Use MID Server		
SOAP Action	http://soap.amazon.com/CustomerContentSearch	
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService	

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <CustomerContentSearch xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->
    <AssociateTag xsi:type="xsd:string">String</AssociateTag>
    <!-- optional -->
    <Validate xsi:type="xsd:string">String</Validate>
    <!-- optional -->
    <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
    <!-- optional -->
    <Shared xsi:type="m:CustomerContentSearchRequest">
      <!-- optional -->
    <CustomerPage xsi:type="xsd:positiveInteger">1</CustomerPage>
    <!-- optional -->
    <Email xsi:type="xsd:string">String</Email>
    <!-- optional -->
    <Name xsi:type="xsd:string">String</Name>
    <!-- Array[] -->
    <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
  </Shared>
  <!-- Array[] -->
  <Request xsi:type="m:CustomerContentSearchRequest">
    <!-- optional -->
    <CustomerPage xsi:type="xsd:positiveInteger">1</CustomerPage>
    <!-- optional -->
    <Email xsi:type="xsd:string">String</Email>
    <!-- optional -->
    <Name xsi:type="xsd:string">String</Name>
    <!-- Array[] -->
    <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
  </Request>
</CustomerContentSearch>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Help

Name	Help
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/Help
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <Help xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <Shared xsi:type="m:HelpRequest">
        <!-- optional -->
      <About xsi:type="xsd:string">String</About>
      <!-- Response: HelpType -->
      <!-- Array[] -->
      <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
    </Shared>
    <!-- Array[] -->
    <Request xsi:type="m:HelpRequest">
      <!-- optional -->
    <About xsi:type="xsd:string">String</About>
  </Help>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```

<!-- Response: HelpType -->
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Request>
  </Help>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

ItemLookup

Name	ItemLookup
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/ItemLookup
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```

<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ItemLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->
    <AssociateTag xsi:type="xsd:string">String</AssociateTag>
    <!-- optional -->
    <Validate xsi:type="xsd:string">String</Validate>
    <!-- optional -->
    <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>

```

```
<!-- optional -->
<Shared xsi:type="m:ItemLookupRequest">
<!-- optional -->
<FutureLaunchDate xsi:type="xsd:string">String</FutureLaunchDate>
<!-- Response: IdType -->
<!-- optional -->
<ISPUPostalCode xsi:type="xsd:string">String</ISPUPostalCode>
<!-- optional -->
<MerchantId xsi:type="xsd:string">String</MerchantId>
<!-- optional -->
<OfferPage xsi:type="xsd:positiveInteger">1</OfferPage>
<!-- Array[] -->
<ItemId xsi:type="xsd:string">String</ItemId>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<!-- optional -->
<ReviewPage xsi:type="xsd:positiveInteger">1</ReviewPage>
<!-- optional -->
<ReviewSort xsi:type="xsd:string">String</ReviewSort>
<!-- optional -->
<SearchIndex xsi:type="xsd:string">String</SearchIndex>
<!-- optional -->
<SearchInsideKeywords xsi:type="xsd:string">String</SearchInsideKeywords>
<!-- optional -->
<TagPage xsi:type="xsd:positiveInteger">1</TagPage>
<!-- optional -->
<TagsPerPage xsi:type="xsd:positiveInteger">1</TagsPerPage>
<!-- optional -->
<TagSort xsi:type="xsd:string">String</TagSort>
<!-- optional -->
<VariationPage xsi:type="positiveIntegerOrAll">??</VariationPage>
<!-- optional -->
<RelatedItemPage xsi:type="positiveIntegerOrAll">??</RelatedItemPage>
<!-- Array[] -->
<RelationshipType xsi:type="xsd:string">String</RelationshipType>
</Shared>
<!-- Array[] -->
<Request xsi:type="m:ItemLookupRequest">
<!-- optional -->
<FutureLaunchDate xsi:type="xsd:string">String</FutureLaunchDate>
<!-- Response: IdType -->
<!-- optional -->
<ISPUPostalCode xsi:type="xsd:string">String</ISPUPostalCode>
<!-- optional -->
<MerchantId xsi:type="xsd:string">String</MerchantId>
<!-- optional -->
<OfferPage xsi:type="xsd:positiveInteger">1</OfferPage>
<!-- Array[] -->
<ItemId xsi:type="xsd:string">String</ItemId>
```



```

<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<!-- optional -->
<ReviewPage xsi:type="xsd:positiveInteger">1</ReviewPage>
<!-- optional -->
<ReviewSort xsi:type="xsd:string">String</ReviewSort>
<!-- optional -->
<SearchIndex xsi:type="xsd:string">String</SearchIndex>
<!-- optional -->
<SearchInsideKeywords xsi:type="xsd:string">String</SearchInsideKeywords>
<!-- optional -->
<TagPage xsi:type="xsd:positiveInteger">1</TagPage>
<!-- optional -->
<TagsPerPage xsi:type="xsd:positiveInteger">1</TagsPerPage>
<!-- optional -->
<TagSort xsi:type="xsd:string">String</TagSort>
<!-- optional -->
<VariationPage xsi:type="positiveIntegerOrAll">???

```

ItemSearch

Name	ItemSearch
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/ItemSearch
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Name	Escape type	Test value
access_key		AKIAJDMB2SKKI7I5K2QQ
keyword		cloud
signature		XXX
timestamp		2008-02-10T23:59:59Z

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Header xmlns:aws="http://security.amazonaws.com/doc/2007-01-01/">
    <aws:AWSAccessKeyId>${access_key}</aws:AWSAccessKeyId>
    <aws:Timestamp>${timestamp}</aws:Timestamp>
    <aws:Signature>${signature}</aws:Signature>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ItemSearch xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <Shared xsi:type="m:ItemSearchRequest">
        <Keywords xsi:type="xsd:string">${keyword}</Keywords>
      </Shared>
    </ItemSearch>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

ListLookup

Name	ListLookup
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/ListLookup
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ListLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:ListLookupRequest">
      <!-- optional -->
      <ISPUPostalCode xsi:type="xsd:string">String</ISPUPostalCode>
      <!-- optional -->
      <ListId xsi:type="xsd:string">String</ListId>
      <!-- Response: ListType -->
      <!-- optional -->
      <MerchantId xsi:type="xsd:string">String</MerchantId>
      <!-- optional -->
      <ProductGroup xsi:type="xsd:string">String</ProductGroup>
      <!-- optional -->
      <ProductPage xsi:type="xsd:positiveInteger">1</ProductPage>
      <!-- Array[] -->
      <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
      <!-- optional -->
      <ReviewSort xsi:type="xsd:string">String</ReviewSort>
      <!-- optional -->
      <Sort xsi:type="xsd:string">String</Sort>
      <!-- optional -->
      <IsOmitPurchasedItems xsi:type="xsd:boolean">true</IsOmitPurchasedItems>
      <!-- optional -->
      <IsIncludeUniversal xsi:type="xsd:boolean">true</IsIncludeUniversal>
    </Shared>
    <!-- Array[] -->
    <Request xsi:type="m:ListLookupRequest">
    <!-- optional -->
```

```

<ISPUPostalCode xsi:type="xsd:string">String</ISPUPostalCode>
<!-- optional -->
<ListId xsi:type="xsd:string">String</ListId>
<!-- Response: ListType -->
<!-- optional -->
<MerchantId xsi:type="xsd:string">String</MerchantId>
<!-- optional -->
<ProductGroup xsi:type="xsd:string">String</ProductGroup>
<!-- optional -->
<ProductPage xsi:type="xsd:positiveInteger">1</ProductPage>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<!-- optional -->
<ReviewSort xsi:type="xsd:string">String</ReviewSort>
<!-- optional -->
<Sort xsi:type="xsd:string">String</Sort>
<!-- optional -->
<IsOmitPurchasedItems xsi:type="xsd:boolean">true</IsOmitPurchasedItems>
<!-- optional -->
<IsIncludeUniversal xsi:type="xsd:boolean">true</IsIncludeUniversal>
</Request>
  </ListLookup>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

ListSearch

Name	ListSearch
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/ListSearch
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ListSearch xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:ListSearchRequest">
      <!-- optional -->
      <City xsi:type="xsd:string">String</City>
      <!-- optional -->
      <Email xsi:type="xsd:string">String</Email>
      <!-- optional -->
      <FirstName xsi:type="xsd:string">String</FirstName>
      <!-- optional -->
      <LastName xsi:type="xsd:string">String</LastName>
      <!-- optional -->
      <ListPage xsi:type="xsd:positiveInteger">1</ListPage>
      <!-- Response: ListType -->
      <!-- optional -->
      <Name xsi:type="xsd:string">String</Name>
      <!-- Array[] -->
      <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
      <!-- optional -->
      <State xsi:type="xsd:string">String</State>
      </Shared>
      <!-- Array[] -->
      <Request xsi:type="m:ListSearchRequest">
      <!-- optional -->
      <City xsi:type="xsd:string">String</City>
      <!-- optional -->
      <Email xsi:type="xsd:string">String</Email>
      <!-- optional -->
      <FirstName xsi:type="xsd:string">String</FirstName>
      <!-- optional -->
      <LastName xsi:type="xsd:string">String</LastName>
      <!-- optional -->
      <ListPage xsi:type="xsd:positiveInteger">1</ListPage>
```

```

<!-- Response: ListType -->
<!-- optional -->
<Name xsi:type="xsd:string">String</Name>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<!-- optional -->
<State xsi:type="xsd:string">String</State>
</Request>
  </ListSearch>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

MultiOperation

Name	MultiOperation
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/MultiOperation
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```

<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <MultiOperation xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      </MultiOperation>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>

```

SellerListingLookup

Name	SellerListingLookup
------	---------------------

Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/SellerListingLookup
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <SellerListingLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:SellerListingLookupRequest">
        <Id xsi:type="xsd:string">String</Id>
        <!-- optional -->
        <SellerId xsi:type="xsd:string">String</SellerId>
        <!-- Response: IdType -->
        <!-- Array[] -->
        <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
      </Shared>
      <!-- Array[] -->
      <Request xsi:type="m:SellerListingLookupRequest">
        <Id xsi:type="xsd:string">String</Id>
```

```

<!-- optional -->
<SellerId xsi:type="xsd:string">String</SellerId>
<!-- Response: IdType -->
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Request>
  </SellerListingLookup>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

SellerListingSearch

Name		SellerListingSearch
Use WS-Security	false	
Use MID Server		
Strip Whitespace	false	
Authentication Type		
Use Mutual Auth	false	
Use MID Server		
SOAP Action		http://soap.amazon.com/SellerListingSearch
SOAP Endpoint		https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```

<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <SellerListingSearch xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->
    <AssociateTag xsi:type="xsd:string">String</AssociateTag>
    <!-- optional -->
    <Validate xsi:type="xsd:string">String</Validate>

```



```

<!-- optional -->
<XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
<!-- optional -->
<Shared xsi:type="m:SellerListingSearchRequest">
<!-- optional -->
<Keywords xsi:type="xsd:string">String</Keywords>
<!-- optional -->
<ListingPage xsi:type="xsd:positiveInteger">1</ListingPage>
<!-- Response: OfferStatus -->
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<SellerId xsi:type="xsd:string">String</SellerId>
<!-- optional -->
<Sort xsi:type="xsd:string">String</Sort>
<!-- optional -->
<Title xsi:type="xsd:string">String</Title>
</Shared>
<!-- Array[] -->
<Request xsi:type="m:SellerListingSearchRequest">
<!-- optional -->
<Keywords xsi:type="xsd:string">String</Keywords>
<!-- optional -->
<ListingPage xsi:type="xsd:positiveInteger">1</ListingPage>
<!-- Response: OfferStatus -->
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<SellerId xsi:type="xsd:string">String</SellerId>
<!-- optional -->
<Sort xsi:type="xsd:string">String</Sort>
<!-- optional -->
<Title xsi:type="xsd:string">String</Title>
</Request>
  </SellerListingSearch>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

SellerLookup

Name		SellerLookup
Use WS-Security	false	
Use MID Server		
Strip Whitespace	false	
Authentication Type		
Use Mutual Auth	false	

Use MID Server

SOAP Action

<http://soap.amazon.com/SellerLookup>

SOAP Endpoint

<https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService>

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <SellerLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:SellerLookupRequest">
        <!-- Array[] -->
        <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
        <!-- Array[] -->
        <SellerId xsi:type="xsd:string">String</SellerId>
        <!-- optional -->
        <FeedbackPage xsi:type="xsd:positiveInteger">1</FeedbackPage>
      </Shared>
      <!-- Array[] -->
      <Request xsi:type="m:SellerLookupRequest">
        <!-- Array[] -->
        <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
        <!-- Array[] -->
        <SellerId xsi:type="xsd:string">String</SellerId>
        <!-- optional -->
        <FeedbackPage xsi:type="xsd:positiveInteger">1</FeedbackPage>
      </Request>
    </SellerLookup>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

SimilarityLookup

Name	SimilarityLookup
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/SimilarityLookup
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <SimilarityLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:SimilarityLookupRequest">
        <!-- Array[] -->
        <ItemId xsi:type="xsd:string">String</ItemId>
        <!-- optional -->
        <ISPUPostalCode xsi:type="xsd:string">String</ISPUPostalCode>
        <!-- optional -->
      </Shared>
    </SimilarityLookup>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```

<MerchantId xsi:type="xsd:string">String</MerchantId>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<!-- optional -->
<ReviewSort xsi:type="xsd:string">String</ReviewSort>
<!-- Response: SimilarityType -->
</Shared>
<!-- Array[] -->
<Request xsi:type="m:SimilarityLookupRequest">
<!-- Array[] -->
<ItemId xsi:type="xsd:string">String</ItemId>
<!-- optional -->
<ISPUPostalCode xsi:type="xsd:string">String</ISPUPostalCode>
<!-- optional -->
<MerchantId xsi:type="xsd:string">String</MerchantId>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<!-- optional -->
<ReviewSort xsi:type="xsd:string">String</ReviewSort>
<!-- Response: SimilarityType -->
</Request>
  </SimilarityLookup>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

TagLookup

Name		TagLookup
Use WS-Security	false	
Use MID Server		
Strip Whitespace	false	
Authentication Type		
Use Mutual Auth	false	
Use MID Server		
SOAP Action	http://soap.amazon.com/TagLookup	
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService	

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <TagLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->
    <AssociateTag xsi:type="xsd:string">String</AssociateTag>
    <!-- optional -->
    <Validate xsi:type="xsd:string">String</Validate>
    <!-- optional -->
    <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
    <!-- optional -->
    <Shared xsi:type="m:TagLookupRequest">
      <!-- Array[] -->
    <TagName xsi:type="xsd:string">String</TagName>
    <!-- optional -->
    <CustomerId xsi:type="xsd:string">String</CustomerId>
    <!-- optional -->
    <TagPage xsi:type="xsd:positiveInteger">1</TagPage>
    <!-- optional -->
    <Count xsi:type="xsd:positiveInteger">1</Count>
    <!-- optional -->
    <TagSort xsi:type="xsd:string">String</TagSort>
    <!-- Array[] -->
    <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
  </Shared>
  <!-- Array[] -->
  <Request xsi:type="m:TagLookupRequest">
    <!-- Array[] -->
    <TagName xsi:type="xsd:string">String</TagName>
    <!-- optional -->
    <CustomerId xsi:type="xsd:string">String</CustomerId>
    <!-- optional -->
    <TagPage xsi:type="xsd:positiveInteger">1</TagPage>
    <!-- optional -->
    <Count xsi:type="xsd:positiveInteger">1</Count>
    <!-- optional -->
    <TagSort xsi:type="xsd:string">String</TagSort>
    <!-- Array[] -->
    <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
  </Request>
</TagLookup>
</SOAP-ENV:Body>
```

```
</SOAP-ENV:Envelope>
```

TransactionLookup

TransactionLookup	
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/TransactionLookup
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <TransactionLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:TransactionLookupRequest">
        <!-- Array[] -->
      </Shared>
      <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
      <!-- Array[] -->
      <TransactionId xsi:type="xsd:string">String</TransactionId>
    </TransactionLookup>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```

</Shared>
<!-- Array[] -->
<Request xsi:type="m:TransactionLookupRequest">
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
<!-- Array[] -->
<TransactionId xsi:type="xsd:string">String</TransactionId>
</Request>
  </TransactionLookup>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

VehiclePartLookup

Name		VehiclePartLookup
Use WS-Security	false	
Use MID Server		
Strip Whitespace	false	
Authentication Type		
Use Mutual Auth	false	
Use MID Server		
SOAP Action		http://soap.amazon.com/VehiclePartLookup
SOAP Endpoint		https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```

<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <VehiclePartLookup xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->
    <AssociateTag xsi:type="xsd:string">String</AssociateTag>

```

```
<!-- optional -->
<Validate xsi:type="xsd:string">String</Validate>
<!-- optional -->
<XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
<!-- optional -->
<Shared xsi:type="m:VehiclePartLookupRequest">
<!-- optional -->
<ItemId xsi:type="xsd:string">String</ItemId>
<!-- optional -->
<IdType xsi:type="xsd:string">String</IdType>
<!-- optional -->
<Year xsi:type="xsd:nonNegativeInteger">0</Year>
<!-- optional -->
<MakeId xsi:type="xsd:nonNegativeInteger">0</MakeId>
<!-- optional -->
<ModelId xsi:type="xsd:nonNegativeInteger">0</ModelId>
<!-- optional -->
<TrimId xsi:type="xsd:nonNegativeInteger">0</TrimId>
<!-- optional -->
<BedId xsi:type="xsd:nonNegativeInteger">0</BedId>
<!-- optional -->
<BodyStyleId xsi:type="xsd:nonNegativeInteger">0</BodyStyleId>
<!-- optional -->
<BrakesId xsi:type="xsd:nonNegativeInteger">0</BrakesId>
<!-- optional -->
<DriveTypeId xsi:type="xsd:nonNegativeInteger">0</DriveTypeId>
<!-- optional -->
<EngineId xsi:type="xsd:nonNegativeInteger">0</EngineId>
<!-- optional -->
<MfrBodyCodeId xsi:type="xsd:nonNegativeInteger">0</MfrBodyCodeId>
<!-- optional -->
<SpringTypesId xsi:type="xsd:nonNegativeInteger">0</SpringTypesId>
<!-- optional -->
<SteeringId xsi:type="xsd:nonNegativeInteger">0</SteeringId>
<!-- optional -->
<TransmissionId xsi:type="xsd:nonNegativeInteger">0</TransmissionId>
<!-- optional -->
<WheelbaseId xsi:type="xsd:nonNegativeInteger">0</WheelbaseId>
<!-- optional -->
<BrowseNodeId xsi:type="xsd:nonNegativeInteger">0</BrowseNodeId>
<!-- optional -->
<FitmentPage xsi:type="xsd:nonNegativeInteger">0</FitmentPage>
<!-- optional -->
<FitmentCount xsi:type="xsd:nonNegativeInteger">0</FitmentCount>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Shared>
<!-- Array[] -->
<Request xsi:type="m:VehiclePartLookupRequest">
```



```

<!-- optional -->
<ItemId xsi:type="xsd:string">String</ItemId>
<!-- optional -->
<IdType xsi:type="xsd:string">String</IdType>
<!-- optional -->
<Year xsi:type="xsd:nonNegativeInteger">0</Year>
<!-- optional -->
<MakeId xsi:type="xsd:nonNegativeInteger">0</MakeId>
<!-- optional -->
<ModelId xsi:type="xsd:nonNegativeInteger">0</ModelId>
<!-- optional -->
<TrimId xsi:type="xsd:nonNegativeInteger">0</TrimId>
<!-- optional -->
<BedId xsi:type="xsd:nonNegativeInteger">0</BedId>
<!-- optional -->
<BodyStyleId xsi:type="xsd:nonNegativeInteger">0</BodyStyleId>
<!-- optional -->
<BrakesId xsi:type="xsd:nonNegativeInteger">0</BrakesId>
<!-- optional -->
<DriveTypeId xsi:type="xsd:nonNegativeInteger">0</DriveTypeId>
<!-- optional -->
<EngineId xsi:type="xsd:nonNegativeInteger">0</EngineId>
<!-- optional -->
<MfrBodyCodeId xsi:type="xsd:nonNegativeInteger">0</MfrBodyCodeId>
<!-- optional -->
<SpringTypesId xsi:type="xsd:nonNegativeInteger">0</SpringTypesId>
<!-- optional -->
<SteeringId xsi:type="xsd:nonNegativeInteger">0</SteeringId>
<!-- optional -->
<TransmissionId xsi:type="xsd:nonNegativeInteger">0</TransmissionId>
<!-- optional -->
<WheelbaseId xsi:type="xsd:nonNegativeInteger">0</WheelbaseId>
<!-- optional -->
<BrowseNodeId xsi:type="xsd:nonNegativeInteger">0</BrowseNodeId>
<!-- optional -->
<FitmentPage xsi:type="xsd:nonNegativeInteger">0</FitmentPage>
<!-- optional -->
<FitmentCount xsi:type="xsd:nonNegativeInteger">0</FitmentCount>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Request>
  </VehiclePartLookup>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

VehiclePartSearch

Name

VehiclePartSearch

Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/VehiclePartSearch
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <VehiclePartSearch xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
      <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
      <!-- optional -->
      <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
      <!-- optional -->
      <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
      <!-- optional -->
      <AssociateTag xsi:type="xsd:string">String</AssociateTag>
      <!-- optional -->
      <Validate xsi:type="xsd:string">String</Validate>
      <!-- optional -->
      <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
      <!-- optional -->
      <Shared xsi:type="m:VehiclePartSearchRequest">
      <!-- optional -->
      <Year xsi:type="xsd:nonNegativeInteger">0</Year>
      <!-- optional -->
      <MakeId xsi:type="xsd:nonNegativeInteger">0</MakeId>
      <!-- optional -->
      <ModelId xsi:type="xsd:nonNegativeInteger">0</ModelId>
      <!-- optional -->
      <TrimId xsi:type="xsd:nonNegativeInteger">0</TrimId>
      <!-- optional -->
    </VehiclePartSearch>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```
<BedId xsi:type="xsd:nonNegativeInteger">0</BedId>
<!-- optional -->
<BodyStyleId xsi:type="xsd:nonNegativeInteger">0</BodyStyleId>
<!-- optional -->
<BrakesId xsi:type="xsd:nonNegativeInteger">0</BrakesId>
<!-- optional -->
<DriveTypeId xsi:type="xsd:nonNegativeInteger">0</DriveTypeId>
<!-- optional -->
<EngineId xsi:type="xsd:nonNegativeInteger">0</EngineId>
<!-- optional -->
<MfrBodyCodeId xsi:type="xsd:nonNegativeInteger">0</MfrBodyCodeId>
<!-- optional -->
<SpringTypesId xsi:type="xsd:nonNegativeInteger">0</SpringTypesId>
<!-- optional -->
<SteeringId xsi:type="xsd:nonNegativeInteger">0</SteeringId>
<!-- optional -->
<TransmissionId xsi:type="xsd:nonNegativeInteger">0</TransmissionId>
<!-- optional -->
<WheelbaseId xsi:type="xsd:nonNegativeInteger">0</WheelbaseId>
<!-- optional -->
<BrowseNodeId xsi:type="xsd:nonNegativeInteger">0</BrowseNodeId>
<!-- optional -->
<Brand xsi:type="xsd:string">String</Brand>
<!-- optional -->
<Count xsi:type="xsd:nonNegativeInteger">0</Count>
<!-- optional -->
<FromItemId xsi:type="xsd:string">String</FromItemId>
<!-- optional -->
<PartPageDirection xsi:type="xsd:string">String</PartPageDirection>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Shared>
<!-- Array[] -->
<Request xsi:type="m:VehiclePartSearchRequest">
<!-- optional -->
<Year xsi:type="xsd:nonNegativeInteger">0</Year>
<!-- optional -->
<MakeId xsi:type="xsd:nonNegativeInteger">0</MakeId>
<!-- optional -->
<ModelId xsi:type="xsd:nonNegativeInteger">0</ModelId>
<!-- optional -->
<TrimId xsi:type="xsd:nonNegativeInteger">0</TrimId>
<!-- optional -->
<BedId xsi:type="xsd:nonNegativeInteger">0</BedId>
<!-- optional -->
<BodyStyleId xsi:type="xsd:nonNegativeInteger">0</BodyStyleId>
<!-- optional -->
<BrakesId xsi:type="xsd:nonNegativeInteger">0</BrakesId>
<!-- optional -->
```

```

<DriveTypeId xsi:type="xsd:nonNegativeInteger">0</DriveTypeId>
<!-- optional -->
<EngineId xsi:type="xsd:nonNegativeInteger">0</EngineId>
<!-- optional -->
<MfrBodyCodeId xsi:type="xsd:nonNegativeInteger">0</MfrBodyCodeId>
<!-- optional -->
<SpringTypesId xsi:type="xsd:nonNegativeInteger">0</SpringTypesId>
<!-- optional -->
<SteeringId xsi:type="xsd:nonNegativeInteger">0</SteeringId>
<!-- optional -->
<TransmissionId xsi:type="xsd:nonNegativeInteger">0</TransmissionId>
<!-- optional -->
<WheelbaseId xsi:type="xsd:nonNegativeInteger">0</WheelbaseId>
<!-- optional -->
<BrowseNodeId xsi:type="xsd:nonNegativeInteger">0</BrowseNodeId>
<!-- optional -->
<Brand xsi:type="xsd:string">String</Brand>
<!-- optional -->
<Count xsi:type="xsd:nonNegativeInteger">0</Count>
<!-- optional -->
<FromItemId xsi:type="xsd:string">String</FromItemId>
<!-- optional -->
<PartPageDirection xsi:type="xsd:string">String</PartPageDirection>
<!-- Array[] -->
<ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
</Request>
  </VehiclePartSearch>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

VehicleSearch

Name	VehicleSearch
Use WS-Security	false
Use MID Server	
Strip Whitespace	false
Authentication Type	
Use Mutual Auth	false
Use MID Server	
SOAP Action	http://soap.amazon.com/VehicleSearch
SOAP Endpoint	https://ecs.amazonaws.com/onca/soap?Service=AWSECommerceService

Variable Substitutions

Envelope

```
<SOAP-ENV:Envelope xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:m="http://webservices.amazon.com/AWSECommerceService/2009-11-01" SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <VehicleSearch xmlns="http://webservices.amazon.com/AWSECommerceService/2009-11-01">
      <!-- optional -->
    <MarketplaceDomain xsi:type="xsd:string">String</MarketplaceDomain>
    <!-- optional -->
    <AWSAccessKeyId xsi:type="xsd:string">String</AWSAccessKeyId>
    <!-- optional -->
    <SubscriptionId xsi:type="xsd:string">String</SubscriptionId>
    <!-- optional -->
    <AssociateTag xsi:type="xsd:string">String</AssociateTag>
    <!-- optional -->
    <Validate xsi:type="xsd:string">String</Validate>
    <!-- optional -->
    <XMLEscaping xsi:type="xsd:string">String</XMLEscaping>
    <!-- optional -->
    <Shared xsi:type="m:VehicleSearchRequest">
      <!-- optional -->
    <Year xsi:type="xsd:nonNegativeInteger">0</Year>
    <!-- optional -->
    <MakeId xsi:type="xsd:nonNegativeInteger">0</MakeId>
    <!-- optional -->
    <ModelId xsi:type="xsd:nonNegativeInteger">0</ModelId>
    <!-- optional -->
    <TrimId xsi:type="xsd:nonNegativeInteger">0</TrimId>
    <!-- Array[] -->
    <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
  </Shared>
  <!-- Array[] -->
  <Request xsi:type="m:VehicleSearchRequest">
    <!-- optional -->
    <Year xsi:type="xsd:nonNegativeInteger">0</Year>
    <!-- optional -->
    <MakeId xsi:type="xsd:nonNegativeInteger">0</MakeId>
    <!-- optional -->
    <ModelId xsi:type="xsd:nonNegativeInteger">0</ModelId>
    <!-- optional -->
    <TrimId xsi:type="xsd:nonNegativeInteger">0</TrimId>
    <!-- Array[] -->
    <ResponseGroup xsi:type="xsd:string">String</ResponseGroup>
  </Request>
</SOAP-ENV:Envelope>
```

```
</VehicleSearch>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Scripted Web Services

CMDBApiWS

Details

Name	CMDBApiWS
Function	execute
Application	Global
WSDL	https://cernasolutionsdemo1.service-now.com/CMDBApiWS.do?WSDL
Short Description	This scripted web service is for CMDB Web API.
Active	true

Input Parameters

Name	Updated by
jsonStr	admin
purpose	admin
svcSysId	admin

Output Parameters

Name	Updated by
result	admin

Script

```
try {
    var api = new CmdbWebApi();
    switch(request.purpose) {
```

```

    case 'createOrUpdateCI':
    response.result = api.createOrUpdateCI(request.svcSysId, request.jsonStr);
    break;
    case 'createOrUpdateConnection':
    response.result = api.createOrUpdateConnection(request.svcSysId, request.jsonStr);
    break;
    case 'createRelation':
    response.result = api.createRelation(request.jsonStr);
    break;
    case 'removeCIFromBusinessService':
    response.result = api.removeCIFromBusinessService(request.svcSysId, request.jsonStr);
    break;
    case 'getCIByExample':
    response.result = api.retrieveCIByExample(request.jsonStr);
    break;
    case 'deleteBusinessService':
    response.result = api.deleteBusinessService(request.svcSysId);
    break;
    default:
    unknownRequest(request.purpose);
  }
}
catch(err){
  response.result = 'CMDB_API_WS_ERROR: ' + err;
}

function unknownRequest(purpose) {
  response.result = 'UNKNOWN_REQUEST: ' + purpose;
}
}

```

Scripted REST APIs

Test

Details

Name	Test
API ID	test
Application	Auto Doc
Active	true

Short Description	Test TEST
Documentation Link	
Base API Path	/api/x_cerso_auto_doc/test
Default ACLs	
Override default supported request formats	false
Default supported request formats	application/json,application/xml,text/xml
Override default supported response formats	false
Default supported response formats	application/json,application/xml,text/xml

Request Headers

Header name	Short description	Example value	Is required
Test Header		asdf	false

Query Parameters

Query parameter name	Short description	Example value	Is required
Test Query Parameter		asdfkjasdfklj	false

Resources

Test Resource

Name	Test Resource
Active	true
HTTP Method	GET
Short Description	
Relative Path	/
Resource Path	/api/x_cerso_auto_doc/test
API Version	
Requires Authentication	true
Requires ACL Authorization	false

ACLs	
Override default supported request formats	false
Default supported request formats	application/json,application/xml,text/xml
Override default supported response formats	false
Default supported response formats	application/json,application/xml,text/xml
Request body example	

Script

```
(function process(/*RESTAPIRequest*/ request, /*RESTAPIResponse*/ response) {

    // implement resource here

})(request, response);
```

Fix Scripts

Add Users to Forecast Users Group

Name	Add Users to Forecast Users Group
Application	Global
Active	true
Run Once	true
Flush Cache	false
Unloadable	true
Before	false
Description	

Script

```
var users = new GlideRecord("sys_user");
```

```

users.addQuery("u_include_in_forecasting", true);
users.query();
while(users.next()) {
    var member = new GlideRecord("sys_user_grmember");
    member.user = users.sys_id;
    member.group = gs.getProperty("group.forecast_users");
    member.insert();
}

```

Backup and Link Update Sets

Backup and Link Update Sets	
Name	
Application	Global
Active	true
Run Once	false
Flush Cache	false
Unloadable	true
Before	false
Description	Run this to backup all update sets and allow a user to download them during the next 25 minutes.

Script

```

var cb = new ConfigurationBackup();
cb.prepAndLink();

```

Scheduled Script Executions

Check for Updated Forecasts

Check for Updated Forecasts	
Name	
Application	Global
Active	true

Conditional	false
Run	Periodically
Day of Week	Monday
Day of Month	1
Repeat Interval	1 Hour
Time	21:00:00
Starting	2016-05-06 13:00:00
Run as	Steve Rogers ADMIN ACCOUNT
Run as tz	
Upgrade safe	false
Condition	

Run this script

```
/**
 * Created by Steve on 5/6/2016.
 */
checkForecasts();

function checkForecasts() {
    var numHours = 1;
    var forecasts = new GlideRecord("u_forecast_confirmed");
    forecasts.addEncodedQuery("u_confirmed_by!=0438a6bd4fc3d2006649e21e0210c76b");
    forecasts.addQuery("u_confirmed_atRELATIVEGE@hour@ago@"+numHours);
    forecasts.addQuery("u_updated", true);
    forecasts.query();
    var users = [];
    while(forecasts.next()) {
        users.push(String(forecasts.u_forecast));
    }

    var usr = new GlideRecord("sys_user");
    usr.addQuery("sys_id", "IN", users.join(","));
    usr.orderBy("name");
    usr.query();
    var userNames = [];
    var aUser = false;
    while(usr.next()) {
```

```

    if(aUser === false)
        aUser = usr.getLocation();
    userNames.push(usr.getDisplayValue());
}
if(userNames.length > 0 && aUser !== false) {
    usr.setLocation(aUser);
    gs.eventQueue("forecast.updated.notification", usr, userNames.join("<br />"), numHours);
}
}
}

```

Configuration Backup - Automatic Nightly 2am EST

Name	Configuration Backup - Automatic Nightly 2am EST
Application	Global
Active	true
Conditional	false
Run	Daily
Day of Week	Monday
Day of Month	1
Repeat Interval	
Time	23:00:00
Starting	2016-03-09 11:54:58
Run as	Steve Rogers ADMIN ACCOUNT
Run as tz	
Upgrade safe	false
Condition	

Run this script

```

var backup = gs.getProperty("configuration_backup.auto_backup", "false");
if(backup == "true") {
    var cb = new ConfigurationBackup();
    cb.prepAndSend();
}
}

```

Read all RSS Feeds

Name	Read all RSS Feeds
Application	RSS Reader
Active	true
Conditional	false
Run	Periodically
Day of Week	Monday
Day of Month	1
Repeat Interval	5 Minutes
Time	21:00:00
Starting	2018-01-30 11:20:00
Run as	Steve Rogers ADMIN ACCOUNT
Run as tz	
Upgrade safe	false
Condition	

Run this script

```
var rr = new x_cerso_rss_reader.RSSReader();  
rr.readAllFeeds();
```

Data Sources

customers_tmp.csv (Uploaded)

Details

Name	customers_tmp.csv (Uploaded)
Type	File
Updates	1
Query	All Rows from Table
Display name	customers_tmp.csv (Uploaded)
Oracle sid	orcl
File retrieval method	Attachment
File path	customers_tmp.csv
Last run datetime	
SQL statement	
Query timeout	0
User name	
Table name	
Import set table name	u_import_qb_customers
Instance name	
Port	
Server	
XPath for each row	
Maximum rows	
Header Row	1
Sheet Number	1
Protection policy	
Import set table label	
Password	
Update name	sys_data_source_125bba804f5b56006649e21e0210c7a4
System keystore	false

SCP authentication method	Username and Password
Database port	
Format	CSV
Password	
Application	Global
Replace on upgrade	false
Server	
Connection timeout	0
Created by	steve.rogers.admin
User name	
Connection URL properties	
Use last run datetime	false
Oracle port	1521
Created	2016-05-05 09:42:59
Name	customers_tmp.csv (Uploaded)
LDAP target	
CSV delimiter	
Updated by	steve.rogers.admin
Last run database field	
Class	Data Source
Database name	
Zipped	false
Use integrated authentication	false
Tags	
Category	
Customer update	true

Use MID Server	
Updated	2016-05-05 09:43:09
Connection URL	attachment://sys_data_source:125bba804f5b56006649e21e0210c7a4/customers_tmp.csv
Expand node children	false
Private keyfile	
Package	Global
Properties	

Transform Maps

Transform QB Customers

Name	Transform QB Customers
Name	Transform QB Customers
Class	Table Transform Map
Tags	
Copy empty fields	false
Run business rules	true
Order	100
Customer update	true
Created by	steve.rogers.admin
Enforce mandatory fields	No
Application	Global
Updated by	steve.rogers.admin
Package	Global
Update name	sys_transform_map_3f7bfec04f5b56006649e21e0210c785
Display name	Transform QB Customers
Updates	1
Active	true

Created	2016-05-05 09:44:22
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 09:46:09
Run script	false
Source table	u_import_qb_customers
Protection policy	

u_billaddr_line1

Target Field	u_address_one
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_8ae44b844f5b56006649e21e0210c7e9
Display name	u_billaddr_line1
Target field	u_address_one
Choice action	create

Updates	0
Source field	u_billaddr_line1
Use source script	false
Created	2016-05-05 10:24:45
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:45
Source table	u_import_qb_customers
Protection policy	

u_billaddr_line3

Target Field	u_address_three
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_06e44b844f5b56006649e21e0210c7e9
Display name	u_billaddr_line3

Target field	u_address_three
Choice action	create
Updates	0
Source field	u_billaddr_line3
Use source script	false
Created	2016-05-05 10:24:45
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:45
Source table	u_import_qb_customers
Protection policy	

u_billaddr_line2

Target Field	u_address_two
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global

Update name	sys_transform_entry_8ee44b844f5b56006649e21e0210c7e8
Display name	u_billaddr_line2
Target field	u_address_two
Choice action	create
Updates	0
Source field	u_billaddr_line2
Use source script	false
Created	2016-05-05 10:24:44
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:44
Source table	u_import_qb_customers
Protection policy	

u_balance

Target Field	u_balance
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false

Application	Global
Package	Global
Update name	sys_transform_entry_3d1447844f5b56006649e21e0210c7a7
Display name	u_balance
Target field	u_balance
Choice action	create
Updates	0
Source field	u_balance
Use source script	false
Created	2016-05-05 10:21:10
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:21:10
Source table	u_import_qb_customers
Protection policy	

u_balancewithjobs

Target Field	u_balancewithjobs
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin

Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_351447844f5b56006649e21e0210c7a9
Display name	u_balancewithjobs
Target field	u_balancewithjobs
Choice action	create
Updates	0
Source field	u_balancewithjobs
Use source script	false
Created	2016-05-05 10:21:11
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:21:11
Source table	u_import_qb_customers
Protection policy	

u_billwithparent

Target Field	u_billwithparent
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	

Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_a91447844f5b56006649e21e0210c7a6
Display name	u_billwithparent
Target field	u_billwithparent
Choice action	create
Updates	0
Source field	u_billwithparent
Use source script	false
Created	2016-05-05 10:21:10
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:21:10
Source table	u_import_qb_customers
Protection policy	

u_billaddr_city

Target Field	u_city
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false

Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_86e44b844f5b56006649e21e0210c7ea
Display name	u_billaddr_city
Target field	u_city
Choice action	create
Updates	0
Source field	u_billaddr_city
Use source script	false
Created	2016-05-05 10:24:45
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:45
Source table	u_import_qb_customers
Protection policy	

u_billaddr_country

Target Field	u_country
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers

Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_02e44b844f5b56006649e21e0210c7ea
Display name	u_billaddr_country
Target field	u_country
Choice action	create
Updates	0
Source field	u_billaddr_country
Use source script	false
Created	2016-05-05 10:24:45
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:45
Source table	u_import_qb_customers
Protection policy	

u_primaryemailaddr_address

Target Field	u_email_addresses
Class	Field Map

Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_a2e44b844f5b56006649e21e0210c7ee
Display name	u_primaryemailaddr_address
Target field	u_email_addresses
Choice action	create
Updates	0
Source field	u_primaryemailaddr_address
Use source script	false
Created	2016-05-05 10:24:47
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:47
Source table	u_import_qb_customers
Protection policy	

Target Field	u_familyname
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_b11447844f5b56006649e21e0210c7a8
Display name	u_familyname
Target field	u_familyname
Choice action	create
Updates	0
Source field	u_familyname
Use source script	false
Created	2016-05-05 10:21:10
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:21:10
Source table	u_import_qb_customers

Protection policy

u_fax_freeformnumber

Target Field	u_fax_number
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_2ee44b844f5b56006649e21e0210c7ed
Display name	u_fax_freeformnumber
Target field	u_fax_number
Choice action	create
Updates	0
Source field	u_fax_freeformnumber
Use source script	false
Created	2016-05-05 10:24:47
Target table	u_accounts
Replace on upgrade	false

Updated	2016-05-05 10:24:47
Source table	u_import_qb_customers
Protection policy	

u_givenname

Target Field	u_givenname
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_391447844f5b56006649e21e0210c7a8
Display name	u_givenname
Target field	u_givenname
Choice action	create
Updates	0
Source field	u_givenname
Use source script	false
Created	2016-05-05 10:21:10

Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:21:10
Source table	u_import_qb_customers
Protection policy	

u_job

Target Field	u_job
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_bd1447844f5b56006649e21e0210c7a8
Display name	u_job
Target field	u_job
Choice action	create
Updates	0
Source field	u_job

Use source script	false
Created	2016-05-05 10:21:11
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:21:11
Source table	u_import_qb_customers
Protection policy	

u_billaddr_lat

Target Field	u_lat
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_a6e44b844f5b56006649e21e0210c7ed
Display name	u_billaddr_lat
Target field	u_lat
Choice action	create

Updates	0
Source field	u_billaddr_lat
Use source script	false
Created	2016-05-05 10:24:47
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:47
Source table	u_import_qb_customers
Protection policy	

u_billaddr_long

Target Field	u_long
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_22e44b844f5b56006649e21e0210c7ed
Display name	u_billaddr_long

Target field	u_long
Choice action	create
Updates	0
Source field	u_billaddr_long
Use source script	false
Created	2016-05-05 10:24:46
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:46
Source table	u_import_qb_customers
Protection policy	

u_notes

Target Field	u_notes
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global

Update name	sys_transform_entry_b91447844f5b56006649e21e0210c7a9
Display name	u_notes
Target field	u_notes
Choice action	create
Updates	0
Source field	u_notes
Use source script	false
Created	2016-05-05 10:21:11
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:21:11
Source table	u_import_qb_customers
Protection policy	

u_parentref_value

Target Field	u_parent
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	u_quickbooks_id
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false

Application	Global
Package	Global
Update name	sys_transform_entry_aae44b844f5b56006649e21e0210c7ec
Display name	u_parentref_value
Target field	u_parent
Choice action	ignore
Updates	1
Source field	u_parentref_value
Use source script	false
Created	2016-05-05 10:24:46
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:25:39
Source table	u_import_qb_customers
Protection policy	

u_primaryphone_freeformnumber

Target Field	u_phone_number
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin

Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_26e44b844f5b56006649e21e0210c7ec
Display name	u_primaryphone_freeformnumber
Target field	u_phone_number
Choice action	create
Updates	0
Source field	u_primaryphone_freeformnumber
Use source script	false
Created	2016-05-05 10:24:46
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:46
Source table	u_import_qb_customers
Protection policy	

u_id

Target Field	u_quickbooks_id
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	

Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	true
Application	Global
Package	Global
Update name	sys_transform_entry_9ee44b844f5b56006649e21e0210c7eb
Display name	u_id
Target field	u_quickbooks_id
Choice action	create
Updates	1
Source field	u_id
Use source script	false
Created	2016-05-05 10:24:46
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:25:02
Source table	u_import_qb_customers
Protection policy	

u_displayname

Target Field	u_quickbooks_name
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false

Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_1ae44b844f5b56006649e21e0210c7eb
Display name	u_displayname
Target field	u_quickbooks_name
Choice action	create
Updates	0
Source field	u_displayname
Use source script	false
Created	2016-05-05 10:24:46
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:46
Source table	u_import_qb_customers
Protection policy	

u_billaddr_cou_ubdivisioncode

Target Field	u_state
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers

Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_1ee44b844f5b56006649e21e0210c7ea
Display name	u_billaddr_cou_ubdivisioncode
Target field	u_state
Choice action	create
Updates	0
Source field	u_billaddr_cou_ubdivisioncode
Use source script	false
Created	2016-05-05 10:24:46
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:24:46
Source table	u_import_qb_customers
Protection policy	

u_taxable

Target Field	u_taxable
Class	Field Map

Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_211447844f5b56006649e21e0210c7a7
Display name	u_taxable
Target field	u_taxable
Choice action	create
Updates	0
Source field	u_taxable
Use source script	false
Created	2016-05-05 10:21:10
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:21:10
Source table	u_import_qb_customers
Protection policy	

Target Field	u_title
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_b51447844f5b56006649e21e0210c7a7
Display name	u_title
Target field	u_title
Choice action	create
Updates	0
Source field	u_title
Use source script	false
Created	2016-05-05 10:21:10
Target table	u_accounts
Replace on upgrade	false
Updated	2016-05-05 10:21:10
Source table	u_import_qb_customers

Protection policy

u_billaddr_postalcode

Target Field	u_zip
Class	Field Map
Coalesce empty fields	false
Map	Transform QB Customers
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_92e44b844f5b56006649e21e0210c7eb
Display name	u_billaddr_postalcode
Target field	u_zip
Choice action	create
Updates	0
Source field	u_billaddr_postalcode
Use source script	false
Created	2016-05-05 10:24:46
Target table	u_accounts
Replace on upgrade	false

Updated	2016-05-05 10:24:46
Source table	u_import_qb_customers
Protection policy	

data sheet 1.xls (Uploaded)

Details

Name	data sheet 1.xls (Uploaded)
Type	File
Updates	1
Query	All Rows from Table
Display name	data sheet 1.xls (Uploaded)
Oracle sid	orcl
File retrieval method	Attachment
File path	data sheet 1.xls
Last run datetime	
SQL statement	
Query timeout	0
User name	
Table name	
Import set table name	u_forecast
Instance name	
Port	
Server	
XPath for each row	
Maximum rows	
Header Row	1

Sheet Number	1
Protection policy	
Import set table label	
Password	
Update name	sys_data_source_9d0607684f3d52005bcfb30e0210c7dc
System keystore	false
SCP authentication method	Username and Password
Database port	
Format	Excel
Password	
Application	Global
Replace on upgrade	false
Server	
Connection timeout	0
Created by	steve.rogers.admin
User name	
Connection URL properties	
Use last run datetime	false
Oracle port	1521
Created	2016-02-22 09:12:24
Name	data sheet 1.xls (Uploaded)
LDAP target	
CSV delimiter	
Updated by	steve.rogers.admin
Last run database field	
Class	Data Source

Database name	
Zipped	false
Use integrated authentication	false
Tags	
Category	
Customer update	true
Use MID Server	
Updated	2016-02-22 09:12:41
Connection URL	attachment://sys_data_source:9d0607684f3d52005bcfb30e0210c7dc/data sheet 1.xls
Expand node children	false
Private keyfile	
Package	Global
Properties	

Transform Maps

Deployments

Name	Deployments
Name	Deployments
Class	Table Transform Map
Tags	
Copy empty fields	false
Run business rules	false
Order	100
Customer update	true
Created by	bucky.barnes.admin
Enforce mandatory fields	No
Application	Global

Updated by	bucky.barnes.admin
Package	Global
Update name	sys_transform_map_217620766f98d2002ed53c764b3ee476
Display name	Deployments
Updates	0
Active	true
Created	2015-12-16 07:47:53
Target table	u_deployment
Replace on upgrade	false
Updated	2015-12-16 07:47:53
Run script	false
Source table	u_forecast
Protection policy	

u_account

Target Field	u_account
Class	Field Map
Coalesce empty fields	false
Map	Deployments
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	u_name
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false

Application	Global
Package	Global
Update name	sys_transform_entry_1770cfe44f3d52005bcfb30e0210c777
Display name	u_account
Target field	u_account
Choice action	create
Updates	1
Source field	u_account
Use source script	false
Created	2016-02-22 08:48:32
Target table	u_deployment
Replace on upgrade	false
Updated	2016-02-22 09:10:34
Source table	u_forecast
Protection policy	

u_deployment

Target Field	u_deployment
Class	Field Map
Coalesce empty fields	false
Map	Deployments
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	bucky.barnes.admin

Updated by	bucky.barnes.admin
Coalesce	true
Application	Global
Package	Global
Update name	sys_transform_entry_1dd6ec366f98d2002ed53c764b3ee472
Display name	u_deployment
Target field	u_deployment
Choice action	create
Updates	1
Source field	u_deployment
Use source script	false
Created	2015-12-16 07:49:02
Target table	u_deployment
Replace on upgrade	false
Updated	2015-12-16 07:49:22
Source table	u_forecast
Protection policy	

u_account

Target Field	u_name
Class	Field Map
Coalesce empty fields	false
Map	Deployments
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	

Customer update	true
Created by	bucky.barnes.admin
Updated by	bucky.barnes.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_51d6ec366f98d2002ed53c764b3ee473
Display name	u_account
Target field	u_name
Choice action	create
Updates	0
Source field	u_account
Use source script	false
Created	2015-12-16 07:49:02
Target table	u_deployment
Replace on upgrade	false
Updated	2015-12-16 07:49:02
Source table	u_forecast
Protection policy	

u_account

Target Field	u_project
Class	Field Map
Coalesce empty fields	false
Map	Deployments
Tags	
Coalesce case sensitive	false

Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	u_name
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_5a4ae3244f7d52005bcfb30e0210c77c
Display name	u_account
Target field	u_project
Choice action	create
Updates	0
Source field	u_account
Use source script	false
Created	2016-02-22 11:51:04
Target table	u_deployment
Replace on upgrade	false
Updated	2016-02-22 11:51:04
Source table	u_forecast
Protection policy	

Hours Worked

Name		Hours Worked
Name	Hours Worked	
Class	Table Transform Map	
Tags		

Copy empty fields	false
Run business rules	true
Order	400
Customer update	true
Created by	bucky.barnes.admin
Enforce mandatory fields	No
Application	Global
Updated by	bucky.barnes.admin
Package	Global
Update name	sys_transform_map_5da0413e6f98d2002ed53c764b3ee414
Display name	Hours Worked
Updates	0
Active	true
Created	2015-12-16 09:42:13
Target table	u_forecasted_hours
Replace on upgrade	false
Updated	2015-12-16 09:42:13
Run script	false
Source table	u_forecast
Protection policy	

u_total_hours

Target Field	u_hours_allocated
Class	Field Map
Coalesce empty fields	false
Map	Hours Worked
Tags	

Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	bucky.barnes.admin
Updated by	bucky.barnes.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_c131413e6f98d2002ed53c764b3ee4e8
Display name	u_total_hours
Target field	u_hours_allocated
Choice action	create
Updates	0
Source field	u_total_hours
Use source script	false
Created	2015-12-16 09:44:14
Target table	u_forecasted_hours
Replace on upgrade	false
Updated	2015-12-16 09:44:14
Source table	u_forecast
Protection policy	

u_account

Target Field	u_project
Class	Field Map
Coalesce empty fields	false

Map	Hours Worked
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	u_name
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_588923244f7d52005bcfb30e0210c793
Display name	u_account
Target field	u_project
Choice action	create
Updates	0
Source field	u_account
Use source script	false
Created	2016-02-22 11:47:57
Target table	u_forecasted_hours
Replace on upgrade	false
Updated	2016-02-22 11:47:57
Source table	u_forecast
Protection policy	

u_resource_plan

Target Field	u_resource_plan
---------------------	------------------------

Class	Field Map
Coalesce empty fields	false
Map	Hours Worked
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	u_resource_plan
Customer update	true
Created by	bucky.barnes.admin
Updated by	bucky.barnes.admin
Coalesce	true
Application	Global
Package	Global
Update name	sys_transform_entry_bd73c93e6f98d2002ed53c764b3ee4b9
Display name	u_resource_plan
Target field	u_resource_plan
Choice action	reject
Updates	2
Source field	u_resource_plan
Use source script	false
Created	2015-12-16 09:54:08
Target table	u_forecasted_hours
Replace on upgrade	false
Updated	2015-12-16 09:55:00
Source table	u_forecast
Protection policy	

u_state

Target Field	u_state
Class	Field Map
Coalesce empty fields	false
Map	Hours Worked
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	bucky.barnes.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_3173c93e6f98d2002ed53c764b3ee4b9
Display name	u_state
Target field	u_state
Choice action	create
Updates	1
Source field	u_state
Use source script	false
Created	2015-12-16 09:54:07
Target table	u_forecasted_hours
Replace on upgrade	false
Updated	2016-02-22 09:24:04

Source table	u_forecast
Protection policy	

u_user

Target Field	u_user
Class	Field Map
Coalesce empty fields	false
Map	Hours Worked
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	name
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_52185fac4f3d52005bcfb30e0210c72e
Display name	u_user
Target field	u_user
Choice action	reject
Updates	0
Source field	u_user
Use source script	false
Created	2016-02-22 10:32:00
Target table	u_forecasted_hours

Replace on upgrade	false
Updated	2016-02-22 10:32:00
Source table	u_forecast
Protection policy	

u_week_starts_on

Target Field	u_week
Class	Field Map
Coalesce empty fields	false
Map	Hours Worked
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd
Referenced value field name	
Customer update	true
Created by	bucky.barnes.admin
Updated by	steve.rogers.admin
Coalesce	true
Application	Global
Package	Global
Update name	sys_transform_entry_4d31413e6f98d2002ed53c764b3ee4e7
Display name	u_week_starts_on
Target field	u_week
Choice action	create
Updates	6
Source field	u_week_starts_on
Use source script	false

Created	2015-12-16 09:44:14
Target table	u_forecasted_hours
Replace on upgrade	false
Updated	2016-02-22 10:12:06
Source table	u_forecast
Protection policy	

onBefore

When	onBefore
Class	Transform Script
Tags	
Map	Hours Worked
Order	100
Customer update	true
Created by	bucky.barnes.admin
Package	Global
Update name	sys_transform_script_b082c53e6f98d2002ed53c764b3ee4ee
Application	Global
Updated by	steve.rogers.admin
Display name	onBefore
Updates	1
Active	false
When	onBefore
Created	2015-12-16 09:50:05
Replace on upgrade	false
Updated	2016-02-22 10:02:57
Protection policy	

Script

```
/**  
 * For variables go to: http://wiki.service-now.com/index.php?title=Import_Sets  
 **/  
if (action == "insert")  
    ignore = true;
```

Resource Plan

Name	Resource Plan
Name	Resource Plan
Class	Table Transform Map
Tags	
Copy empty fields	false
Run business rules	false
Order	200
Customer update	true
Created by	bucky.barnes.admin
Enforce mandatory fields	No
Application	Global
Updated by	bucky.barnes.admin
Package	Global
Update name	sys_transform_map_9563743a6f98d2002ed53c764b3ee465
Display name	Resource Plan
Updates	1
Active	true
Created	2015-12-16 08:44:40
Target table	u_resource_plan_mapping
Replace on upgrade	false

Updated	2015-12-16 10:05:54
Run script	false
Source table	u_forecast
Protection policy	

u_deployment

Target Field	u_deployment
Class	Field Map
Coalesce empty fields	false
Map	Resource Plan
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	u_deployment
Customer update	true
Created by	bucky.barnes.admin
Updated by	bucky.barnes.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_01b3b43a6f98d2002ed53c764b3ee427
Display name	u_deployment
Target field	u_deployment
Choice action	ignore
Updates	1
Source field	u_deployment
Use source script	false

Created	2015-12-16 08:45:16
Target table	u_resource_plan_mapping
Replace on upgrade	false
Updated	2015-12-16 08:47:33
Source table	u_forecast
Protection policy	

u_account

Target Field	u_project
Class	Field Map
Coalesce empty fields	false
Map	Resource Plan
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	u_name
Customer update	true
Created by	steve.rogers.admin
Updated by	steve.rogers.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_a13a23244f7d52005bcfb30e0210c709
Display name	u_account
Target field	u_project
Choice action	create
Updates	0

Source field	u_account
Use source script	false
Created	2016-02-22 11:50:45
Target table	u_resource_plan_mapping
Replace on upgrade	false
Updated	2016-02-22 11:50:45
Source table	u_forecast
Protection policy	

u_resource_plan

Target Field	u_resource_plan
Class	Field Map
Coalesce empty fields	false
Map	Resource Plan
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	
Customer update	true
Created by	bucky.barnes.admin
Updated by	bucky.barnes.admin
Coalesce	true
Application	Global
Package	Global
Update name	sys_transform_entry_0db3b43a6f98d2002ed53c764b3ee427
Display name	u_resource_plan
Target field	u_resource_plan

Choice action	create
Updates	1
Source field	u_resource_plan
Use source script	false
Created	2015-12-16 08:45:16
Target table	u_resource_plan_mapping
Replace on upgrade	false
Updated	2015-12-16 08:46:28
Source table	u_forecast
Protection policy	

u_user

Target Field	u_user
Class	Field Map
Coalesce empty fields	false
Map	Resource Plan
Tags	
Coalesce case sensitive	false
Date format	yyyy-MM-dd hh:mm:ss
Referenced value field name	name
Customer update	true
Created by	bucky.barnes.admin
Updated by	bucky.barnes.admin
Coalesce	false
Application	Global
Package	Global
Update name	sys_transform_entry_85b3b43a6f98d2002ed53c764b3ee427

Display name	u_user
Target field	u_user
Choice action	reject
Updates	1
Source field	u_user
Use source script	false
Created	2015-12-16 08:45:16
Target table	u_resource_plan_mapping
Replace on upgrade	false
Updated	2015-12-16 08:46:19
Source table	u_forecast
Protection policy	