

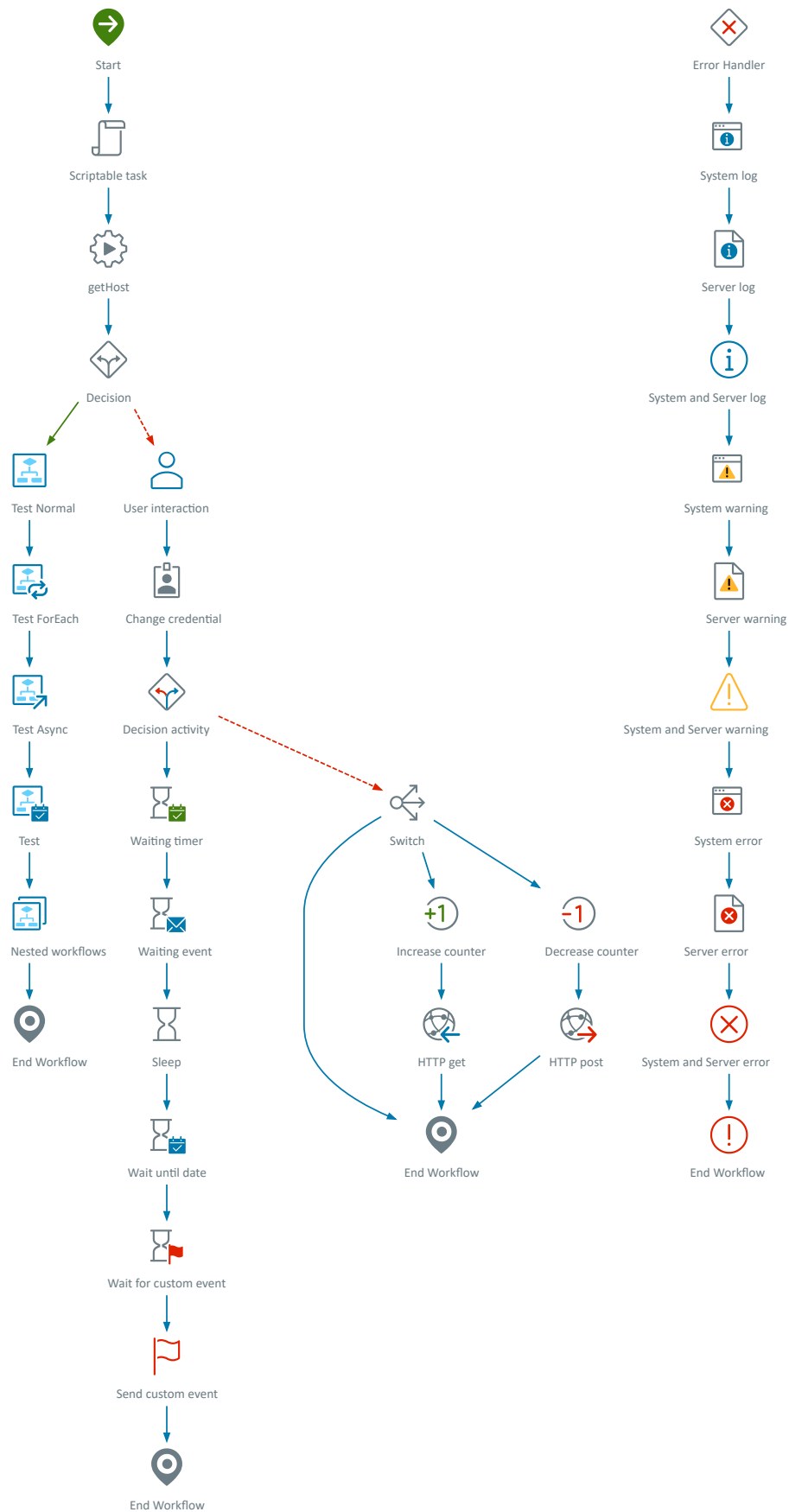
Workflow Overview

ID	df889c3a-8bee-4826-adf1-787f9bc166b2
Description	This is a test workflow that has each type of element on the canvas
Path	Library - Custom
Category	Library - Custom
Version	0.0.1
Author	System Generated
Date	Fri Jun 27 2025 03:50:55 GMT-0000 (GMT)

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Diagram



Inputs

No Inputs defined.

Outputs

No Outputs defined.

Attributes (Variables)

Name	Type	Description	Value
variableString	string	-	
query	string	-	
vraHost	VRA:Host	-	-
errCode	string	-	
object	Any	-	
array	Array/string	-	-
wfToken	WorkflowToken	-	-
security_group	LdapGroup	-	-
security_assignees	Array/LdapUser	-	[object Array]
security_assignee_groups	Array/LdapGroup	-	[object Array]
timeout_date	Date	-	-
newCredential	Credential	-	-
trigger_ref	Trigger	-	-
sleepTime	number	-	-
isExternalEvent	boolean	-	false
eventName	string	-	
endDate	Date	-	-
success	boolean	-	false
user	AD:User	-	-
group	AD:UserGroup	-	-
counter	number	-	-
url	string	-	
content	string	-	
result	string	-	

workflowScheduleDate	Date	-	-
scheduledTask	Task	-	-
resourceElement	ResourceElement	-	Test.md

Usages

Name	Type	Location
Test - df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item16
Test - df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item17
Test - df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item18
Test - df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item20
Test - df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item20
Test - df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item36

Dependencies

Name	Type	Location
3808259c-7d5f-4a4f-b10b-eea1c4a9b756 - 3808259c-7d5f-4a4f-b10b-eea1c4a9b756	ResourceElement	ATTRIBUTE - resourceElement
com.broadcom.pso.vra.host/getHost	ScriptModule	SCHEMA - item2
df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item16
df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item17
df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item18
df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item20
df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item20
57c2229a-c3d9-4fd3-85f0-1539d41514f0	Workflow	SCHEMA - item24
df889c3a-8bee-4826-adf1-787f9bc166b2	Workflow	SCHEMA - item36

Workflow Steps

1

Scriptable task [Main path]

Name

item1

Display Name

Scriptable task

Type

task

Description

Simple task with custom script capability.

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
variableString	string		variableString

Output Bindings

Name	Type	Description	Export Name
variableString	string		variableString

Script

```
1 // Do Nothing
2 variableString = variableString
```

Used Actions

Name

item2

Display Name

getHost

Type

task

Description

Add a note to the workflow schema.

Script Module

com.broadcom.pso.vra.host/getHost

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
query	string	(Optional) Use only if you have multiple VRA Connections	query

Output Bindings

Name	Type	Description	Export Name
actionResult	VRA:Host		vraHost

Script

```
1 //Auto generated script, cannot be modified !
2 actionResult = System.getModule("com.broadcom.pso.vra.host").getHost(query);
3
```

Used Actions

Name	getHost					
Module	com.broadcom.pso.vra.host					
ID	eaf88276-8765-4e5b-b2e2-24125a792ff6					
Version	0.1.0					
Description	No description					
Inputs						
	<table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>query</td><td>string</td><td>(Optional) Use only if you have multiple VRA Connections</td></tr></table>	Name	Type	Description	query	string
Name	Type	Description				
query	string	(Optional) Use only if you have multiple VRA Connections				
Output	VRA:Host					
Runtime Environment	Javascript					
Script	<pre>1 // Search VRA:Host using query 2 var allVraHost = Server.findAllForType("VRA:Host"); 3 4 // Return if only 1 connection found 5 if (allVraHost.length == 1) { 6 return allVraHost[0] 7 } else { 8 // Set the query to Default if blank 9 if (!query) { 10 query = "Default"; 11 } 12 for each(var host in allVraHost) { 13 if (host.name.match(query)) { 14 var vraHost = host; 15 break; 16 } 17 } 18 // Return if found 19 if (vraHost) { 20 return vraHost 21 } else { 22 throw "Unable to find vRA Host" 23 } 24 }</pre>					

3

Decision [Main path]

Name

item15

Display Name

Decision

Type

custom-condition

Description

Custom decision based on a custom script.

Input Bindings

Output Bindings

Script

```
1 return true;
```

Condition True

item16

Condition False

item21

Name

item16

Display Name

Test Normal

Type

link

Description**Error Bind**

errCode

Input Bindings**Output Bindings****Linked Workflow**

Name	Test
Version	0.0.1
ID	df889c3a-8bee-4826-adf1-787f9bc166b2
Description	This is a test workflow that has each type of element on the canvas

Name

item17

Display Name

Test ForEach

Type

foreach

Description

No description

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
	Array/string		*array

Output Bindings**Linked Workflow**

Name	Test
Version	0.0.1
ID	df889c3a-8bee-4826-adf1-787f9bc166b2
Description	This is a test workflow that has each type of element on the canvas

Name

item18

Display Name

Test Async

Type

task

Description

Start an asynchronous workflow.

Error Bind

errCode

Input Bindings**Output Bindings**

Name	Type	Description	Export Name
wfToken	WorkflowToken		wfToken

Script

```
1 //Auto generated script, cannot be modified !
2 var workflowToLaunch = Server.getWorkflowWithId("df889c3a-8bee-4826-adf1-787f9bc166b2");
3 if (workflowToLaunch == null) {
4     throw "Workflow not found";
5 }
6
7 var workflowParameters = new Properties();
8 wfToken = workflowToLaunch.execute(workflowParameters);
9
```

Used Actions

Name

item36

Display Name

Test

Type

task

Description

Schedule a workflow and create a task.

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
workflowScheduleDate	Date		workflowScheduleDate

Output Bindings

Name	Type	Description	Export Name
scheduledTask	Task		scheduledTask

Script

```
1 //Auto generated script, cannot be modified !
2 var workflowToLaunch = Server.getWorkflowWithId("df889c3a-8bee-4826-adf1-787f9bc166b2");
3 if (workflowToLaunch == null) {
4     throw "Workflow not found";
5 }
6
7 var workflowParameters = new Properties();
8 scheduledTask = workflowToLaunch.schedule(workflowParameters, workflowScheduleDate);
9
```

Used Actions

Name

item20

Display Name

Nested workflows

Type

multiple

Description

No description

Error Bind

errCode

Input Bindings**Output Bindings****Multiple Workflows**

Name	Test
Version	0.0.1
ID	df889c3a-8bee-4826-adf1-787f9bc166b2
Description	This is a test workflow that has each type of element on the canvas

Name	Test
Version	0.0.1
ID	df889c3a-8bee-4826-adf1-787f9bc166b2
Description	This is a test workflow that has each type of element on the canvas

9

End Workflow [True (Decision) path]

Name

item0

Display Name

undefined

Type

end

Description

No description

Input Bindings

Output Bindings

Name

item21

Display Name

User interaction

Type

input

Description

Use this element to set up a user interaction.

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
security.group	LdapGroup	Any user member of this group will be authorized to fill in this form.	security_group
security.assignees	Array/LdapUser	Any user from this array of users will be authorized to fill in this form	security_assignees
security.assignee.groups	Array/LdapGroup	Any user member of any of the groups will be authorized to fill in this form.	security_assignee_groups
timeout.date	Date	If not null, this input item will wait until date and will continue workflow execution.	timeout_date

Output Bindings

Name

item22

Display Name

Change credential

Type

task

Description

Change current execution credential.

Prototype ID

change-credential

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
newCredential	Credential	New credential	newCredential

Output Bindings**Script**

```
1  //Auto-generated script
2  if (newCredential != null) {
3      if (String(newCredential) != String(Server.getCredential())) {
4          workflow.changeCredential(newCredential) ;
5      }
6      else {
7          System.log("Change credential is same as current user!");
8      }
9  }
10 else {
11     throw "'newCredential' is NULL";
12 }
13
```

Used Actions

Name

item24

Display Name

Decision activity

Type

decision-activity

Description

Decision activity based on a workflow or an action.

Input Bindings

Name	Type	Description	Export Name
user	AD:User	AD User you want to add to a group	user
group	AD:UserGroup	User Group you want the user added to	group

Output Bindings**Script**

```
1 // Generated by the system, cannot be edited
2 return (results !== null);
```

Name

item25

Display Name

Waiting timer

Type

waiting-timer

Description

No description

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
timer.date	Date	This timer item will wait until date and will continue workflow execution.	timeout_date

Output Bindings

Name

item26

Display Name

Waiting event

Type

waiting-event

Description

No description

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
trigger.ref	Trigger	Trigger waiting for a specific event before continuing workflow run.	trigger_ref

Output Bindings

Name

item27

Display Name

Sleep

Type

task

Description

Sleep a given number of seconds.

Prototype ID

sleep

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
sleepTime	number	Time to sleep in seconds	sleepTime

Output Bindings**Script**

```
1  //Auto-generated script
2  if ( sleepTime !== null ) {
3    System.sleep(sleepTime * 1000);
4  }else {
5    throw "'sleepTime' is NULL";
6  }
```

Used Actions

Name

item28

Display Name

Wait until date

Type

task

Description

Wait until date.

Prototype ID

wait-until-date

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
waitDate	Date	Wait date	timeout_date

Output Bindings**Script**

```
1  //Auto-generated script
2  if (waitDate !== null) {
3    System.waitUntil(waitDate,1000);
4  }
5  else {
6    throw "'waitDate' is NULL";
7  }
8
```

Used Actions

Name

item29

Display Name

Wait for custom event

Type

task

Description

Wait for custom event.

Prototype ID

wait-custom-event

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
isExternalEvent	boolean	External custom event	isExternalEvent
eventName	string	Custom event name	eventName
endDate	Date	Expiration date	endDate

Output Bindings

Name	Type	Description	Export Name
success	boolean	Return true if the custom event was received before 'endDate' is reached.	success

Script

```
1 // Auto-generated script
2 var eventType = isExternalEvent ? 'external' : 'internal';
3 var eventCustom = null;
4 if (eventName != null) {
5     eventCustom = System.waitCustomEventUntil(eventType,eventName,endDate);
6 }
7 success = (eventCustom != null) ;
```

Used Actions

Name

item30

Display Name

Send custom event

Type

task

Description

Send a custom event.

Prototype ID

send-custom-event

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
eventName	string	Custom event name	eventName

Output Bindings**Script**

```
1  // Auto-generated script
2  if (eventName != null) {
3      System.sendCustomEvent(eventName);
4  } else {
5      throw "'eventName' is NULL";
6  }
7  }
```

Used Actions

Name

item14

Display Name

undefined

Type

end

Description

No description

Input Bindings**Output Bindings**

Name

item31

Display Name

Switch

Type

switch

Description

Basic switch activity based on a workflow attribute or parameter.

Input Bindings

Name	Type	Description	Export Name
vraHost	VRA:Host		vraHost

Output Bindings**Script**

```
1  // Generated by the system, cannot be edited
2  if (vraHost != null) {
3      return "item33";
4  } else if (true) {
5      return "item32";
6  }
7
```

Switch Cases

Condition	Target
	item33
	item32

Name

item33

Display Name

Decrease counter

Type

task

Description

Decrement a counter by one.

Prototype ID

decrease-counter

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
counter	number	Item to decrease	counter

Output Bindings

Name	Type	Description	Export Name
counter	number	Decreased item	counter

Script

```
1 //Auto-generated script
2 counter = counter - 1;
```

Used Actions

Name

item34

Display Name

HTTP post

Type

task

Description

Post content via HTTP.

Prototype ID

http-post

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
url	string	Target url	url
content	string	Data to post	content

Output Bindings

Name	Type	Description	Export Name
result	string	Operation result	result

Script

```
1 //Auto-generated script
2 var urlObject = new URL(url);
3 result = urlObject.postContent(content);
```

Used Actions

23

End Workflow [False (Decision activity) path]

Name

item23

Display Name

undefined

Type

end

Description

No description

Input Bindings

Output Bindings

Name

item32

Display Name

Increase counter

Type

task

Description

Increment a counter by one.

Prototype ID

increase-counter

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
counter	number	Item to increase	counter

Output Bindings

Name	Type	Description	Export Name
counter	number	Increased item	counter

Script

```
1 //Auto-generated script
2 counter = counter + 1;
```

Used Actions

Name

item35

Display Name

HTTP get

Type

task

Description

Get content from HTTP.

Prototype ID

http-get

Error Bind

errCode

Input Bindings

Name	Type	Description	Export Name
url	string	Target url	url

Output Bindings

Name	Type	Description	Export Name
result	string	Operation result	result

Script

```
1 //Auto-generated script
2 var urlObject = new URL(url);
3 result = urlObject.getContent() ;
```

Used Actions

Name

item4

Display Name

System log

Type

task

Description

Log the input text to the console log with the level "log".

Prototype ID

system-log

Input Bindings

Name	Type	Description	Export Name
text	string	The text to log	errCode

Output Bindings**Script**

```
1 //Auto-generated script
2 System.log(text);
```

Used Actions

Name

item5

Display Name

Server log

Type

task

Description

Log the input text to the server log with the level "log".

Prototype ID

server-log

Input Bindings

Name	Type	Description	Export Name
text	string	The text to log	errCode
object	Any	The text to log and additional info	object

Output Bindings**Script**

```
1 //Auto-generated script
2 Server.log(text, object);
```

Used Actions

Name

item6

Display Name

System and Server log

Type

task

Description

Log the input text to the console and the server log with the level "log".

Prototype ID

system-server-log

Input Bindings

Name	Type	Description	Export Name
text	string	The text to log	errCode
object	Any	The text to log and additional info	object

Output Bindings**Script**

```
1 //Auto-generated script
2 System.log(text + "-" + object);
3 Server.log(text, object);
```

Used Actions

Name

item7

Display Name

System warning

Type

task

Description

Log the input text to the console log with the level "warn".

Prototype ID

system-warning

Input Bindings

Name	Type	Description	Export Name
text	string	The text to log	errCode

Output Bindings**Script**

```
1 //Auto-generated script
2 System.warn(text);
```

Used Actions

Name

item13

Display Name

Server warning

Type

task

Description

Log the input text to the server log with the level "warn".

Prototype ID

server-warning

Input Bindings

Name	Type	Description	Export Name
text	string	The text to log	errCode
object	Any	The text to log and additional info	object

Output Bindings**Script**

```
1 //Auto-generated script
2 Server.warn(text, object);
```

Used Actions

Name

item9

Display Name

System and Server warning

Type

task

Description

Log the input text to the console and the server log with the level "warn".

Prototype ID

system-server-warning

Input Bindings

Name	Type	Description	Export Name
text	string	The text to log	errCode
object	Any	The text to log and additional info	object

Output Bindings**Script**

```
1 //Auto-generated script
2 System.warn(text + "-" + object);
3 Server.warn(text, object);
```

Used Actions

Name

item10

Display Name

System error

Type

task

Description

'Log the input text to the console log with the level "error".'

Prototype ID

system-error

Input Bindings

Name	Type	Description	Export Name
text	string	The text to log	errCode

Output Bindings**Script**

```
1 //Auto-generated script
2 System.error(text);
```

Used Actions

Name

item11

Display Name

Server error

Type

task

Description

Log the input text to the server log with the level "error".

Prototype ID

server-error

Input Bindings

Name	Type	Description	Export Name
text	string	The text to log	errCode
object	Any	The text to log and additional info	object

Output Bindings**Script**

```
1 //Auto-generated script
2 Server.error(text, object);
```

Used Actions

Name

item12

Display Name

System and Server error

Type

task

Description

Log the input text to the console and the server log with the level "error".

Prototype ID

system-server-error

Input Bindings

Name	Type	Description	Export Name
text	string	The text to log	errCode
object	Any	The text to log and additional info	object

Output Bindings**Script**

```
1 //Auto-generated script
2 System.error(text + "-" + object);
3 Server.error(text, object);
```

Used Actions

35

End workflow [Error Handler path]

Name

item3

Display Name

End workflow

Type

end

Description

No description

Error Bind

errCode

Input Bindings

Output Bindings