

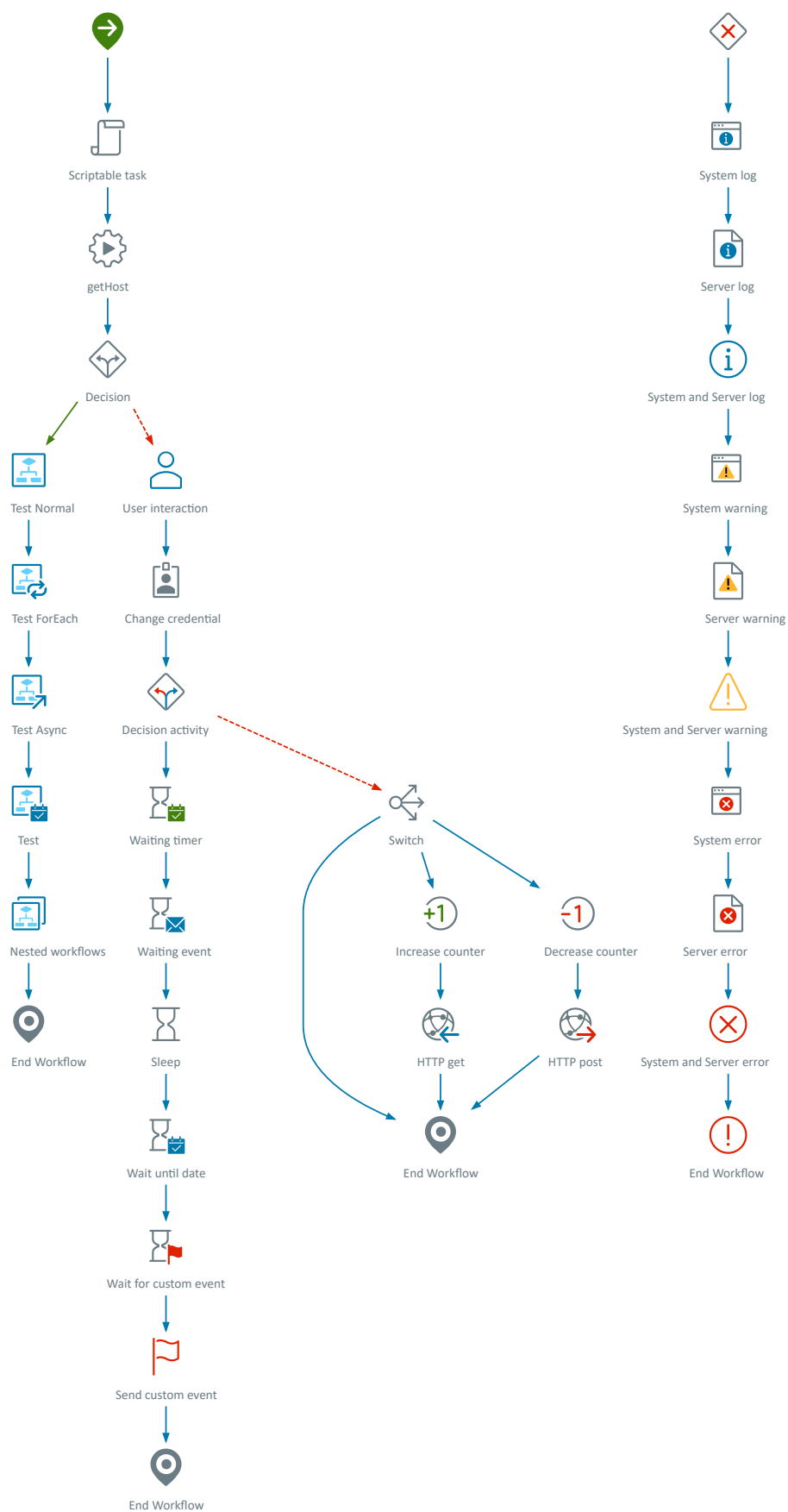
Workflow Overview

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 13 2025 05:07:24 GMT-0000 (GMT)

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 - Step 33 - Server error (Error Handler path)
 - Step 34 - System and Server error (Error Handler path)
 - Step 35 - End workflow (Error Handler path)

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

Step 1 - Scriptable task (Main path)

Name	item1		
Display Name	Scriptable task		
Type	task		
Description	Simple task with custom script capability.		
Error Bind	errCode		
Script	<div><div>1</div><div>2</div></div> <div><div>// Do Nothing</div><div>variableString = variableString</div></div>		
Input Bindings	Name	Type	Export Name
	variableString	string	variableString
Output Bindings	Name	Type	Export Name
	variableString	string	variableString

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

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	(Optional) Use only if you have multiple VRA Connections
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>								

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Step 3 - Decision (Main path)

Name	item15
Display Name	Decision
Type	custom-condition
Description	Custom decision based on a custom script.
Script	<div>1</div> <code>return true;</code>
Condition True	item16
Condition False	item21

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Step 4 - Test Normal (True (Decision) path)

Name	item16		
Display Name	Test Normal		
Type	link		
Description			
Error Bind	errCode		
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
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		

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Step 6 - Test Async (True (Decision) path)

Name	item18			
Display Name	Test Async			
Type	task			
Description	Start an asynchronous workflow.			
Error Bind	errCode			
Script	<pre>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</pre>			
Output Bindings	Name	Type	Description	Export Name
	wfToken	WorkflowToken		wfToken

Name	item36			
Display Name	Test			
Type	task			
Description	Schedule a workflow and create a task.			
Error Bind	errCode			
Script	<pre> 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 </pre>			
Input Bindings	Name	Type	Description	Export Name
	workflowScheduleDate	Date		workflowScheduleDate
Output Bindings	Name	Type	Description	Export Name
	scheduledTask	Task		scheduledTask

Name	item20	
Display Name	Nested workflows	
Type	multiple	
Description	No description	
Error Bind	errCode	
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

Name	item0
Display Name	undefined
Type	end
Description	No description

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

Name	item22			
Display Name	Change credential			
Type	task			
Description	Change current execution credential.			
Prototype ID	change-credential			
Error Bind	errCode			
Script	<pre> 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 </pre>			
Input Bindings	Name	Type	Description	Export Name
	newCredential	Credential	New credential	newCredential

Name	item24			
Display Name	Decision activity			
Type	decision-activity			
Description	Decision activity based on a workflow or an action.			
Script	<div><div>1</div><div>// Generated by the system, cannot be edited</div><div>2</div><div>return (results !== null);</div></div>			
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

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

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

Name	item27			
Display Name	Sleep			
Type	task			
Description	Sleep a given number of seconds.			
Prototype ID	sleep			
Error Bind	errCode			
Script	<pre>1 //Auto-generated script 2 if (sleepTime !== null) { 3 System.sleep(sleepTime * 1000); 4 }else { 5 throw "'sleepTime' is NULL"; 6 }</pre>			
Input Bindings	Name	Type	Description	Export Name
	sleepTime	number	Time to sleep in seconds	sleepTime

Name	item28			
Display Name	Wait until date			
Type	task			
Description	Wait until date.			
Prototype ID	wait-until-date			
Error Bind	errCode			
Script	<pre> 1 //Auto-generated script 2 if (waitDate !== null) { 3 System.waitUntil(waitDate,1000); 4 } 5 else { 6 throw "'waitDate' is NULL"; 7 } 8 </pre>			
Input Bindings	Name	Type	Description	Export Name
	waitDate	Date	Wait date	timeout_date

Name	item29			
Display Name	Wait for custom event			
Type	task			
Description	Wait for custom event.			
Prototype ID	wait-custom-event			
Error Bind	errCode			
Script	<pre> 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) ; </pre>			
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

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Step 18 - Send custom event (True (Decision activity) path)

Name	item30			
Display Name	Send custom event			
Type	task			
Description	Send a custom event.			
Prototype ID	send-custom-event			
Error Bind	errCode			
Script	<pre> 1 // Auto-generated script 2 if (eventName != null) { 3 System.sendCustomEvent(eventName); 4 } else { 5 throw "'eventName' is NULL"; 6 } 7 </pre>			
Input Bindings	Name	Type	Description	Export Name
	eventName	string	Custom event name	eventName

Name	item14
Display Name	undefined
Type	end
Description	No description

Name	item31										
Display Name	Switch										
Type	switch										
Description	Basic switch activity based on a workflow attribute or parameter.										
Script	<pre>1 // Generated by the system, cannot be edited 2 if (vraHost !== null) { 3 return "item33"; 4 } else if (true) { 5 return "item32"; 6 } 7 </pre>										
Input Bindings	<table><tr><th>Name</th><th>Type</th><th>Description</th><th>Export Name</th></tr><tr><td>vraHost</td><td>VRA:Host</td><td></td><td>vraHost</td></tr></table>			Name	Type	Description	Export Name	vraHost	VRA:Host		vraHost
Name	Type	Description	Export Name								
vraHost	VRA:Host		vraHost								
Switch Cases	<table><tr><th>Condition</th><th>Target</th></tr><tr><td></td><td>item33</td></tr><tr><td></td><td>item32</td></tr></table>			Condition	Target		item33		item32		
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			
Script	<div><div>1</div><div>2</div></div> <div><div>//Auto-generated script</div><div>counter = counter - 1;</div></div>			
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

Name	item34			
Display Name	HTTP post			
Type	task			
Description	Post content via HTTP.			
Prototype ID	http-post			
Error Bind	errCode			
Script	<pre> 1 //Auto-generated script 2 var urlObject = new URL(url); 3 result = urlObject.postContent(content); </pre>			
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

Name	item23
Display Name	undefined
Type	end
Description	No description

Name	item32			
Display Name	Increase counter			
Type	task			
Description	Increment a counter by one.			
Prototype ID	increase-counter			
Error Bind	errCode			
Script	<pre> 1 //Auto-generated script 2 counter = counter + 1; </pre>			
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

Name	item35			
Display Name	HTTP get			
Type	task			
Description	Get content from HTTP.			
Prototype ID	http-get			
Error Bind	errCode			
Script	<pre> 1 //Auto-generated script 2 var urlObject = new URL(url); 3 result = urlObject.getContent() ; </pre>			
Input Bindings	Name	Type	Description	Export Name
	url	string	Target url	url
Output Bindings	Name	Type	Description	Export Name
	result	string	Operation result	result

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			
Script	<div><div>1</div><div>2</div></div> <div>//Auto-generated script System.log(text);</div>			
Input Bindings	Name	Type	Description	Export Name
	text	string	The text to log	errCode

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			
Script	<div><div>1</div><div>2</div></div> <div><div>//Auto-generated script</div><div>Server.log(text, object);</div></div>			
Input Bindings	Name	Type	Description	Export Name
	text	string	The text to log	errCode
	object	Any	The text to log and additional info	object

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			
Script	<pre> 1 //Auto-generated script 2 System.log(text + "-" + object); 3 Server.log(text, object); </pre>			
Input Bindings	Name	Type	Description	Export Name
	text	string	The text to log	errCode
	object	Any	The text to log and additional info	object

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			
Script	<div><div>1</div><div>2</div></div> <div><div>//Auto-generated script</div><div>System.warn(text);</div></div>			
Input Bindings	Name	Type	Description	Export Name
	text	string	The text to log	errCode

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			
Script	<div><div>1</div><div>2</div></div> <div><div>//Auto-generated script</div><div>Server.warn(text, object);</div></div>			
Input Bindings	Name	Type	Description	Export Name
	text	string	The text to log	errCode
	object	Any	The text to log and additional info	object

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			
Script	<pre>1 //Auto-generated script 2 System.warn(text + "-" + object); 3 Server.warn(text, object);</pre>			
Input Bindings	Name	Type	Description	Export Name
	text	string	The text to log	errCode
	object	Any	The text to log and additional info	object

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			
Script	<div><div>1</div><div>2</div></div> <div><div>//Auto-generated script</div><div>System.error(text);</div></div>			
Input Bindings	Name	Type	Description	Export Name
	text	string	The text to log	errCode

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			
Script	<div><div>1</div><div>2</div></div> <div><div>//Auto-generated script</div><div>Server.error(text, object);</div></div>			
Input Bindings	Name	Type	Description	Export Name
	text	string	The text to log	errCode
	object	Any	The text to log and additional info	object

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			
Script	<pre>1 //Auto-generated script 2 System.error(text + "-" + object); 3 Server.error(text, object);</pre>			
Input Bindings	Name	Type	Description	Export Name
	text	string	The text to log	errCode
	object	Any	The text to log and additional info	object

Name	item3
Display Name	End workflow
Type	end
Description	No description
Error Bind	errCode