

IAC Extension (3.1.1): CPTA Password Override

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Introduction

This extension provides a way to alter the IAC 3.1.1 Order Virtual Machine from Template service to bypass having the customer enter the administrator password and allow the Cloud Provider Technical Administrator to provide the password.

Before You Begin

Requirements

Before attempting this configuration, please ensure that you meet these requirements.

- Basic service design knowledge

Components Used

The information in this document is based on these hardware and software versions.

- Cisco Cloud Portal 9.4.1 and Intelligent Automation for Cloud Solution 3.1.1
- The service named "Order Virtual Machine from Template" must have been deployed to the environment

Related Products (Optional)

-

Conventions

For more information on document conventions, refer to Cisco Technical Tips Conventions.

IAC Extension (3.1.1): CPTA Password Override

Follow these instructions to create an extension for the "Order Virtual Machine from Template" service for the purpose of changing the selector of the VM admin password from the customer to a Cloud Provider Technical Administrator.



Terminology

CPTA: Cloud Provider Technical Administrator

AFC: Active form component (located in Service Designer module)

When the steps are done you will have completed:

Step 1 – Ensure CPTA has appropriate access control to the form fields

Step 2 – Create an AFC with conditional rules for use on the extension service, and

Step 3 – Add a task to the pre-service extension to allow CPTA to add the password to the form.

Step 1 – Navigate to "Service Designer" module > "Active Form Components" subsection > "Common" form group > "SimplePasswordVerification" AFC > "Access Control" tab. Click on "Service Delivery", under System Moments in the left center pane. Ensure that the role of "Cloud Provider Technical Administrator" has been added to the "Participants" pane and given read/write access to the "Common: SimplePasswordVerification" dictionary.

Form SimplePasswordVerification

For each dictionary in the form, for each system moment (a discrete phase of the requisition fulfillment cycle), you may override the default permissions to edit the dictionary and its fields.

If you intend to apply rules to manipulate the content of individual fields, the dictionary must be editable. You can then set individual fields to be hidden or the appearance of individual fields (for example, show or hide them) if the dictionary is view-only. However, if the dictionary is neither editable nor view-only, it will not be included in the service form for that participant in that system moment.

System Moment	Dictionaries	Participants
Ordering	Common: SimplePasswordVerification	<input type="checkbox"/>
Departmental Authorizations		<input type="checkbox"/>
Departmental Reviews		<input type="checkbox"/>
Service Group Authorizations		<input type="checkbox"/>
Service Group Reviews		<input type="checkbox"/>
Financial Authorizations		<input type="checkbox"/>
Service Delivery		<input checked="" type="checkbox"/>
Pricing		<input type="checkbox"/>
Service Completed		<input type="checkbox"/>

Organizational Units...

People...

Groups...

Roles...

Add Access For Anyone

Step 2 – Navigate to "Service Designer" module > "Active Form Components" subsection. Create a new AFC with no dictionary, as none is needed. Once created, create two conditional rules as specified below:

Rule Summary – "Ordering: Hide PW Fields"

Type: Conditional Rule

Rule Name: Ordering: Hide PW Fields

Conditions: Moment is equal to Ordering

Actions:

Set Value – SimplePasswordVerification.FirstPassword To Literal Value password

Set Value – SimplePasswordVerification.SecondPassword To Literal Value **enter default password**

Make Optional – SimplePasswordVerification.All Fields

Hide Fields – SimplePasswordVerification.All Fields

Triggering Field/Form Event:

Form – onLoad

Form – onSubmit

Rule Summary – "Service Delivery: Make Mandatory for CPTA Task"

Rule Name: Service Delivery: Make Mandatory for CPTA Task

Conditions: Moment is equal to Service Delivery and Task Name contains **enter part of task name**

Actions:

Make Mandatory – SimplePasswordVerification.FirstPassword

Make Mandatory – SimplePasswordVerification.SecondPassword

Hide Fields – SIBDVirtualDataCenter.All Fields

Hide Fields – SIBDApprovals.All Fields

Hide Fields – Datastore.All Fields

Triggering Field/Form Event:

Form – onLoad

Step 3 – Navigate to "Service Designer" module > "Services" subsection > "VM Request Extensions" service group > "Order a Virtual Machine From Template Pre-servicing" Service.

Add a task for the CPTA to enter the administrator password and assign to person or queue (as exemplified here). Attach email template "Task Fulfillment Pending Notification" to the "Notify when activity starts:" moment of the task.

On the form tab, associate the newly created AFC from Step 2.

The screenshot shows a task configuration interface. At the top, there is a table with columns 'Task' and 'By'. The first row contains 'Provide Password - #NAME#' and 'Cloud Service Delivery Management Queue'. Below the table is a horizontal line with the text 'Approximate days (a' on the right. Underneath is a tabbed interface with tabs for 'General', 'Participants', 'Email', 'Task Instructions', and 'Checklist'. The 'General' tab is active, showing a 'Save' button and a 'Performer Role' section. The 'Performer Role' section has three rows: 'Name' with a text box containing 'Cloud Service Delivery Management Queue', 'Assign' with a dropdown menu set to 'A person/queue', and 'Assign to' with a text box containing 'Cloud Service Delivery Management Queue' and a small icon. To the right, a 'Supervisor' section is partially visible with 'Name', 'Assign', and 'Assign to' fields.

Verify

There are no specific requirements for this document.

Test by running service end-to-end.

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.

Related Information

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