



API Usecases

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Add Netapp Ontap Account

Summary

This task adds a physical account in the category "Storage" and account type "Netapp ONTAP."

Description

The added account is visible under Administration > Physical Accounts > Physical Accounts tab.

Inputs

Input	Description	Mappable To Type	Mandatory
Select POD	Pod name		Y
Account Name	Account name to be created	gen_text_input	Y
Server	Server or Filer address	ipaddress	Y
Username	User ID	gen_text_input	Y
Password	password	password	Y
Transport Type	protocol : http/https	gen_text_input	Y
Port	Ex:For Http port is 80,for Https port is 443	gen_text_input	Y
Description	Description	gen_text_input	
Contact Email	Contact email		
Location	Location		
Service Provider	Service provider		

Outputs

No Outputs

Add Nexus Account custom task

Summary

This task adds a Networking device in category "Cisco Nexus OS."

Description

The added network device is visible under Administration > Physical Accounts > Managed Network Elements tab.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Pod	Select a pod for the Network Device.		Y
Device IP	Provide an IP address for the Network Device	gen_text_input	Y
Protocol	Select the protocol for the Network Device.		Y
Port	Port number		Y
Login	login	gen_text_input	Y
Password	Password	password	Y

Outputs

Output	Description	Type
device		networking_device

AddSRInitiatorComments

Summary

This task adds Initiator comments to any SR. To add comments to the current SR enter SR id as 0.

Description

The Initiator comments are visible under Organization > Service Requests and associated with the Service Request specified in the specified workflow call.

Inputs

Input	Description	Mappable To Type	Mandatory
SR ID	Specify Service Request Id for which initiator comments need to be added	gen_text_input	Y
Comments	Specify the Input Field Comments for the Service Request specified by srid	gen_text_input	Y

Outputs

No Outputs

Adding UCSM Account custom task

Summary

This task adds an account in the category "Computing" and of type "UCSM."

Description

You can find the account that was added under Administration > Physical Accounts > Physical Accounts tab.

Inputs

Input	Description	Mappable To Type	Mandatory
Select POD	Pod name		Y
Account Name	Name of the account going to be created.	gen_text_input	Y
Server	Ip of the UCSM account	ipaddress	Y
Username	Username of the UCSM account.	gen_text_input	Y
Password	password	password	Y
Transport Type	protocol can be http/https	gen_text_input	Y
Port	Ex:For Http port is 80,for Https port is 443	gen_text_input	Y
Description	Description	gen_text_input	
Contact Email	Contact email		
Location	Location		
Service Provider	Service provider		

Outputs

No Outputs

Collect Inventory Collection On Selected VM

Summary

This task collects inventory on selected VM(s).

Description

This task collects inventory on selected VM(s).

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select one VM	vm	Y

Outputs

No Outputs

Create Custom Workflow Input From CSV custom task

Summary

This task reads data from a CSV file and creates custom workflow input.

Description

Before running this task, ensure a CSV file uploaded to the server. For example, in the path /opt/Demo.csv. The uploaded CSV file should contain data in the the following format: Texas,1 Florida,2 Oklahoma,44 California,17 The lov will be registered with the provided lovname. You can find the registered lov under Policies > Orchestration >Custom Workflow Input. Note:Do not edit the registered Custom Workflow Input from UCSD GUI. Otherwise, the data will differ between the CSV file and the UCSD database. If you want to update the lov then update the CSV file accordingly.

Inputs

Input	Description	Mappable To Type	Mandatory
CSV File Name With Path	Provide the full path of the CSV file.Ex - /opt/Demo.csv	gen_text_input	Y
Lov Name	Provide a lov name which will be created.	gen_text_input	Y
Input Type	Input Type must be selected as Generic Text Input/gen_text_input		Y

Outputs

No Outputs

Create VMware Computing Policy

Summary

The task is used to create VMWare compute policy.

Description

The task accepts VDC profile, Compute Policy Name,Description, Cluster, Resource pool as input and creates a VMWare compute policy. The newly created policy can be accessed from the following location : Policies -> Virtual/Hipervisor Policies -> Computing -> Create VMware Computing Policy

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Profile	Select vDC Profile	vDCProfile	Y
Compute Policy Name	Provide a Computing policy name which will be created	gen_text_input	Y
Description		gen_text_input	
Cluster	Select Cluster name	clusterList	Y
Resource Pool	Select Resource pool from The popup table	vmwareResourcePool Identity	Y

Outputs

Output	Description	Type
OUTPUT_COMPUTING_POLICY_NAME	It returns created Policy Name	gen_text_input

Create VMware Network Policy

Summary

The task is used to Create VMWare Network Policy.

Description

The task accepts VDC profile, Network Policy Name, Description, Nic Alias, Port Group, Static IP Pool as input and creates a VMWare Network policy. The newly created policy can be accessed from the following location : Policies -> Virtual/Hipervisor Policies -> Network -> Create VMware Network Policy

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Profile	Select the vDC profile	vDCProfile	Y
Network Policy Name	Provide a Network policy name which will be created	gen_text_input	Y
Description	It defines the description of policy	gen_text_input	
NIC Alias	Provide a NIC name which will be created	gen_text_input	Y
Port Group	Select the valid Port Group	vmwareVmPortGroup Identity	Y
Static IP Pool	Select which static IP Pool you need.	VMWareIPPoolPolicy	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_POLICY_NAME	It returns created Policy Name	gen_text_input

Create VMware Storage Policy

Summary

The task is used to create VMware Storage Policy.

Description

The task accepts VDC profile, Storage Policy Name, Description, Datastores/Datastore Clusters Scope and Value for the selected scope as input and creates a VMware Storage Policy. The newly created policy can be accessed from the following location : Policies -> Virtual/Hypervisor Policies -> Storage -> VMware Storage Policy

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Profile	Select vDC Profile	vDCProfile	Y
Storage Policy Name	Provide VMware Storage Policy Name	gen_text_input	Y
Description	Policy Description	gen_text_input	
Datastores/Datastore Clusters Scope	Specify type of data store/datastore clusters scope: include/exclude or all	gen_text_input	
Select Datastores	List of data stores selected for include/exclude	dataStoreName	Y
Select Datastore Clusters	List of Datastore Clusters for include/exclude	dataStoreClusterName	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_STORAGE_POLICY_NAME	Name of the VMware Storage Policy Created by the task	gen_text_input

Create VMware System Policy

Summary

The task Creates a VMware system Policy.

Description

The task creates a VMware System Policy. A VMware System Policy defines the system specific information such as the template to use, time zone, OS specific information and the domain in which the VM must be provisioned, for a VM to be provisioned. It gives created VMware System Policy name as output.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
VM Name Template	If empty, name provided by end user is taken as VM name	gen_text_input	
VM Name Validation Policy	Enter a valid VM Name Validation Policy	gen_text_input	
End User VM Name or VM Prefix	Allow end user to provide VM Name or VM Prefix?	Boolean	
Power On	Needs to be powered on after provisioning?	Boolean	
Host Name Template	Host Name Template	gen_text_input	Y
Host Name Validation Policy	Enter a valid Hostname Validation Policy	gen_text_input	
Linux Time Zone	Please click on help icon to get to know valid list of time zones	gen_text_input	Y
Linux VM Max Boot Wait Time in Minutes	Linux VM Max Boot Wait Time	gen_text_input	Y
DNS Domain	DNS Domain	gen_text_input	Y
DNS Suffix List	DNS Suffix List	gen_text_input	
DNS Server List	DNS Server List	gen_text_input	
VM Image Type	VM Image Type	gen_text_input	Y
Product ID	Product ID	gen_text_input	
License Owner Name	Full name of license owner	gen_text_input	Y
Organization	Name of the Organization	gen_text_input	Y
License Mode	License Mode	gen_text_input	Y
Number Of License Users	Number of license users for the OS	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Primary WINS	Primary WIN Server, Enter valid IPV4 IP address	gen_text_input	
Secondary WINS	Secondary WIN Server, Enter valid IPV4 IP address	gen_text_input	
Windows VM Max Boot Wait Time in Minutes	Windows VM Max Boot Wait Time	gen_text_input	Y
Create a Unique SID	Create a unique SID for the new system	Boolean	
Auto Logon	Automatically logon after system powers	Boolean	
Auto Logon Count	Automatically logon for the number of times as specified	gen_text_input	
Administrator Password	Password used for auto Logon and system deployment	password	Y
Windows Time Zone	Please click on help icon to get to know valid list of time zones	gen_text_input	Y
Domain/Workgroup	Belongs to a Windows domain or workgroup?	gen_text_input	Y
Domain	Domain	gen_text_input	Y
Domain Username	Domain Username	gen_text_input	Y
Domain Password	Domain Password	password	Y
Workgroup	Specify workgroup name	gen_text_input	Y
Define VM Annotation	After you select this option, you can define the VM annotation	Boolean	
VM Annotation	Notes of the Annotation	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VMWARE_SYSTEM_POLICY_NAME	Name of VMware System Policy created by the task	gen_text_input

ExportUCSDAssets

Summary

This task exports all assets at provided location on server in zip format.

Description

This task exports all UCSD assets: - activities - workflows - tasks - activities and - script modules at provided location on server in zip format.

Inputs

Input	Description	Mappable To Type	Mandatory
File Name		gen_text_input	Y
Target Directory		gen_text_input	Y

Outputs

Output	Description	Type
exportFilePath	Generated file location	gen_text_input

Fetch VMs for SR

Summary

List of VMs provisioned by Workflow

Description

This task is to fetch list of VMs provisioned by completed workflow

Inputs

Input	Description	Mappable To Type	Mandatory
SR Id	Enter SR Id	gen_text_input	Y

Outputs

No Outputs

Generate License Utilization History Report CSV File

Summary

Generates License Utilization History Report CSV File for user specified period.

Description

Generates License Utilization History Report CSV File and uploads at /opt/infra/web_cloudmgr/apache-tomcat/webapps/cloupia/cloudmgr/reports/csv folder for a user specified period, i.e., previous day/ week/month/year. The CSV file location information will be provided as task output.

Inputs

Input	Description	Mappable To Type	Mandatory
Report time period	Select time period to generate the report		Y

Outputs

Output	Description	Type
url	Report CSV file url	gen_text_input

Get Email Setup

Summary

Retrieves email setup information

Description

Task returns mail setup information if available otherwise logs the error message as Mail settings are not available. Please configure Mail setup from Administration menu using System and Mail setup tab

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
smtpServer	SMTP Server	gen_text_input
smtpUser	SMTP User name	gen_text_input
smtpPort	SMTP Port details	gen_text_input
password	Password	password
cuicIpAddress	CUIC IP Address	gen_text_input
fromEmailAddress	From Email Address	email_address_list

Get Login Profile

Summary

Get the user profile details

Description

This task is to get the profile details of user such as First name, Last Name, Access Level, Email Id, Group Name and Group Id

Inputs

Input	Description	Mappable To Type	Mandatory
Username	Enter username	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_FIRSTNAME	First Name	gen_text_input
OUTPUT_LASTNAME	Last Name	gen_text_input
OUTPUT_ROLE	Access Level	gen_text_input
OUTPUT_EMAILID	Email Id	gen_text_input
OUTPUT_GROUPNAME	Group Name	gen_text_input
OUTPUT_GROUPID	Group Id	gen_text_input

Get VMware VM Details

Summary

Get details of a selected VMware VM.

Description

It will get details of a selected VMware VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select a VM	vm	Y

Outputs

Output	Description	Type
OUTPUT_OVERVIEW_VM_ID	VM Id	gen_text_input
OUTPUT_OVERVIEW_INSTANCE_NAME	Instance Name	gen_text_input
OUTPUT_OVERVIEW_STATUS	Power Status	gen_text_input
OUTPUT_OVERVIEW_IP_ADDRESS	VM IP Address	gen_text_input
OUTPUT_OVERVIEW_HOSTNAME	VM Hostname	gen_text_input
OUTPUT_OVERVIEW_CLOUD_NAME	Cloud Name	gen_text_input
OUTPUT_OWNERSHIP_GROUP	Group Name	gen_text_input
OUTPUT_OWNERSHIP_VDC	VDC Name	gen_text_input
OUTPUT_OVERVIEW_FOLDER	VM Folder	gen_text_input
OUTPUT_OVERVIEW_VCENTER_VM_ID	VCenter VM Id	gen_text_input
OUTPUT_RESOURCES_CPU_SHARES	CPU Shares	gen_text_input
OUTPUT_RESOURCES_MEMORY_MB	Resources Memory in MB	gen_text_input
OUTPUT_GUEST_INFORMATION_GUEST_OS	Guest OS	gen_text_input
OUTPUT_STORAGE_NO_OF_DISKS	Number of disks	gen_text_input

GetFreeVlansOfVlanPoolPolicy custom task

Summary

This task provides the number of free VLANS available inside the specified VLAN pool policy.

Description

This task provides the number of free VLANS available inside the specified VLAN pool policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Vlan Pool Policy Name	Vlan pool policy name.		Y

Outputs

Output	Description	Type
noOfFreeVlans	It contains the no of free vlans in a VLAN Pool Policy	gen_text_input

Modify SCSI Controller Type

Summary

Modify SCSI Controller Type to LSI Logic SAS

Description

This task is to modify SCSI Controller Type to LSI Logic SAS for selected VM

Inputs

Input	Description	Mappable To Type	Mandatory
VM Id	Select VM	vm	Y
Account IP Address	Enter VMWare Account IP Address	gen_text_input	Y
Username	Enter Account Username	gen_text_input	Y
Password	Enter Account password	password	Y

Outputs

No Outputs

Modify VM Label

Summary

Modify VM Label for VM

Description

This task is to add/update VM Label of the provided VM

Inputs

Input	Description	Mappable To Type	Mandatory
VM Id	Select VM Id	vm	Y
VM Label	Enter VM Label	gen_text_input	Y

Outputs

No Outputs

Modify VMWare System Policy - Linux Only

Summary

To update a VMware system Policy with Linux Only VM Image Type

Description

This task is to update VMWare system policy with Linux only attributes

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
VM Name Template	If empty, name provided by end user is taken as VM name	gen_text_input	
End User VM Name or VM Prefix	Allow end user to provide VM Name or VM Prefix?	Boolean	
Power On	Needs to be powered on after provisioning?	Boolean	
Host Name Template	Host Name Template	gen_text_input	Y
Linux Time Zone	Please click on help icon to get to know valid list of time zones	gen_text_input	Y
Linux VM Max Boot Wait Time in Minutes	Linux VM Max Boot Wait Time		Y
DNS Domain	DNS Domain	gen_text_input	Y
Define VM Annotation	After you select this option, you can define the VM annotation	Boolean	
VM Annotation	Notes of the Annotation	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VMWARE_SYSTEM_POLICY_NAME	Updated VMWare System Policy Name	gen_text_input

Ping To Port Custom Task

Summary

Test if a device is reachable or not.

Description

Ping to a device with the given IP Address and Wait Time (for response) and see if it is reachable or not.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Ip Address of the Device to ping	gen_text_input	Y
Wait Time	Timeout Duration	gen_text_input	

Outputs

Output	Description	Type
isReachable	It shows whether the Device (ipAddress) is Reachable or not	gen_text_input

SFTPFileUpload custom task

Summary

This task uploads the file to the specified location.

Description

This task locates the file specified in the local file path field and uploads to the specified remote directory (absolute path) using SFTP client.

Inputs

Input	Description	Mappable To Type	Mandatory
User Name	User name of the remote server	gen_text_input	Y
Password	password of the remote server	gen_text_input	Y
Host Name	IP address or Host name of the remote server	gen_text_input	Y
Remote directory absolute path	Remote server location to upload the file	gen_text_input	Y
Local File Path	Local file path location where the file is located	gen_text_input	Y

Outputs

No Outputs

Send email with attachment custom task

Summary

Creates an email with attachment sends it to the specified email address

Description

The tasks creates an email and attaches the file from the location specified by the user as input parameter.

Inputs

Input	Description	Mappable To Type	Mandatory
Email Address(To)	Email address of the person you are sending the email	email_address_list	Y
Email subject	Email subject	gen_text_input	
Email body	Email body	gen_text_input	
Email attachment location path	File location	gen_text_input	Y

Outputs

No Outputs

