EMC ATMOS ONLINE COMPUTE SERVICE
CLI Reference

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Contents

Preface

Purpose

This guide tells you how to set up and use the EMC® Atmos Online Compute Service CLI tools to manage a virtual data center (VDC) and VMs (virtual machines) associated with that VDC.

Audience

Use this guide if you are responsible for setting up and maintaining VMs in the EMC Atmos Online Compute Service VDC using the command line tools.

Documentation

The following documents comprise the Atmos Online Compute Service documentation set.

Document	Description	Intended Audience
EMC Atmos Online Compute Service Getting Started Guide	Explains how to get the Compute Service tools, how to define your working environment, and how to perform set up tasks.	Administrator responsible for setting up access to the compute service and using the Compute Service management console.
EMC Atmos Online Compute Service CLI Reference	Describes the contents of the CLI and how to use it.	Compute Service system managers.
EMC Atmos Online Compute Service REST API Reference	Describes the contents of the REST API.	Developers writing applications to manage the Compute Service environment.

Typographical Conventions

Conventions	Meaning
Blue text	Hyperlinked cross reference or URL.
`FixedWidth`	Commands, filenames, and code examples

Conventions	Meaning
`FixedWidthBold`	Emphasis within code examples
`FixedWidthItalics`	Variable names in text

1 Command Reference

This chapter provides a reference for the EMC® Atmos Online Compute Service command line interface (CLI) commands. It includes the following sections:

The Compute Service CLI enables you to create and administer your Compute Service VDC. To use the CLI, make sure you complete the steps outlined in the *EMC Atmos Online Getting Started Guide* for downloading and setting up the CLI environment. You run the commands on the machine where you downloaded the CLI tools.

Common CLI Options

Each of the CLI commands take a set of options. The following table lists the options common to all commands.

Option	Description
`--username`	The name of the Compute Service user executing the command. For example, `--username rootadmin`
`--password`	The password for the associated `--username`. For example, `--password rootpassword`

`--uri`	The service endpoint for Compute Service. Use the `--uri` option on the command line to override the endpoint specified by the CLOUD_ENDPOINT environment variable. For example, the default CLOUD_ENDPOINT value is:
	
	`http://accesspoint.emccis.com/compute`
	
	To set to a different value, use the `--uri` option, for example:
	
	`--uri http://caashost/cloud/rest`

Object Naming Rules

Object names can contain alphanumeric characters. Alphabetic characters can be upper or lower case. No special characters are allowed. Valid names are 3-12 characters long.

Commands by Function

Managing Appliances

emc-caas-clonetoappliance	emc-caas-resetappliance	emc-caas-updateappliance
emc-caas-deleteappliance	emc-caas-resumeappliance	
emc-caas-getappliance	emc-caas-runappliance	
emc-caas-getappliancelist	emc-caas-stopappliance	
emc-caas-getmgmtactionlist	emc-caas-suspendappliance	

Managing Images

emc-caas-deleteimage	emc-caas-getimagelist	emc-caas-uploadimage
emc-caas-deployimagetoappliance	emc-caas-preuploadimage	

Managing NFS Tasks

emc-caas-enablenfs
emc-caas-resyncnfs

Managing Organizations

emc-caas-getorg	emc-caas-getorglist

Managing Tasks

emc-caas-gettask	emc-caas-gettasklist

Managing Virtual Data Centers

Managing Virtual Devices

Virtual Network Commands

Command Reference (Alphabetical)

emc-caas-clonetoappliance

Description Creates a clone of the specified VM in the same VDC. Returns a task URI. The VM to clone must be powered off before you execute this command. The cloning operation will fail if the VM you attempt to clone has a public IP, but you have already used your public IP quota for the VDC. This command cannot be cancelled.

Role Admin

```
emc-caas-clonetoappliance --username username --password password [--uri uri] --org
org --vdc vdc --vm vm --cn "vm1 cloned"
```

Options The valid options are:

Option	Description
`--org` ***org***	The name of the organization that contains the VM to clone.
`--vdc` ***vdc***	The name of the VDC that contains the VM to clone.
`--vm` ***vm***	The name of the VM you want to clone.
`--cn` ***cn***	The name to give to the new cloned VM.

Examples This example shows how to create a clone of the VM named firstbank. The clone is named vm1 cloned.

```
emc-caas-clonetoappliance --username firstbank --password password --org org1 --vdc
vdc1 --vm vm1 --vm1 cloned

The response is:

Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-39
Task In Progress: ..............................................................
Task finished Successfully!
```

emc-caas-deleteappliance

Description Submits a request to delete a VM from the specified VDC. Returns a task URI. The VM must be powered off before it can be deleted. This command cannot be cancelled.

Role Admin

Syntax `emc-caas-deleteappliance --username username --password password [--uri uri]--org org --vdc vdc --vm vm`

Options The valid options are:

Option	Description
`--org org`	The name of the organization for the VM.
`--vdc vdc`	The name of the VDC that contains the VM to delete.
`--vm vm`	The name of the VM.

Examples This example deletes the VM named `tobedeleted` from the Grid65 VDC.

```
emc-caas-deleteappliance --username admin --password password --org org1 --vdc Grid65
--vm tobedeleted
```

The response is:

```
Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-1234
Task In Progress: ...
Task finished Successfully!
```

emc-caas-deleteimage

Description Submits a request to delete a VM image from the specified VDC. Returns a task URI. This command cannot be cancelled.

Role Admin

Syntax emc-caas-deleteimage - -username *username* - -password *password* [- -uri <uri>] - -org *org* - -vdc *vdc* - -imagename *imagename*

Options The valid options are:

Option	Description
`--org` ***org***	The name of the organization for the VM image.
`--vdc` ***vdc***	The name of the VDC that contains the VM image to delete.
`--imagename` ***imagename***	The name of the image you want to delete.

Examples This example deletes the image from VDC vdc1.

```
emc-caas-deleteimage --username firstbank --password  password --org org1 --vdc vdc1
--imagename myimage

The response is:

OK (200) OK
```

emc-caas-deployimagetoappliance

Description Deploys a VM image to a VDC. Returns a task URI. This command cannot be cancelled.

Role Admin

Syntax

```
emc-caas-deployimagetoappliance --username username --password password [--uri uri]
--org org --vdc vdc --imagename imagename --haspublicIP haspublicIP --instancetype
instancetype --deployedname deployedname
```

Options The valid options are::

Option	Description
`--org` ***org***	The name of the organization.
`--vdc` ***vdc***	The name of the VDC of the folder you want to upload.
`--imagename` ***imagename***	The name of the image folder you want to upload.
`--haspublicIP` ***haspublicIP***	Indicates if the VM needs a public IP (yes/no).
`--instancetype` ***instancetype***	The instance type you want to deploy (small/medium/large).
`--deployedname` ***deployedname***	The image name you want to deploy.

Examples This example shows how to deploy an image to a VDC with a public IP and an instancetype small named deployedtlarge for the user firstbank.

```
emc-caas-deployimagetoappliance --username firstbank --password password --org org1
--vdc longnamevdc --imagename image --haspublicIP yes --instancetype small
--deployedname deployedtlarge
```

The response is:

```
Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-39
Task In Progress: ..............................................................
Deployment finished Successfully!
```

emc-caas-enablenfs

Description Enables NFS access to Atmos Online Storage Service under a specific VDC.

Role Admin and Atmos Account Manager

Syntax

```
emc-caas-enablenfs --username username --password password [--uri uri] --org org
--vdc vdc
```

Options The valid options are:

Option	Description
`--org org`	The name of the organization for this customer.
`--vdc vdc`	The name of the VDC.

Examples This example enables NFS access for the user firstbank.

emc-caas-enablenfs --username firstbank --password password --org org1 --vdc firstbankvdc

The response is:

```
Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-39
Task In Progress: ..............................................................
Task finished Successfully!
```

emc-caas-getappliance

Description Returns information about the specified VM such as, the IP, Name, Status, NIC lists, Disk Size and so on.

Role Admin

Syntax

```
emc-caas-getappliance --username username --password password [--uri uri] --org org
--vdc vdc --vm vm
```

Options The valid options are:

Option	Description
`--org org`	The name of the organization.

Option	Description
`--vdc` ***vdc***	The name of the VDC.
`--vm` ***vm***	The name of the VM.

Examples This example shows how to retrieve the information about the VM named firstbankvm1.

```
emc-caas-getappliance --username firstbank --password password --org org1 --vdc
firstbankVDC --vm firstbankvm1
```

The response is:

```
Name: vm1
Status: powered-on
Disk size (MByte): 1024
VirtualNicList:
http://server/compute/1.0.0.0/org/org1/vdc/vdc1/vm/vm1/virtualnic/
Management Action List:
http://server/compute/1.0.0.0/org/org1/vdc/vdc1/vm/vm1/mgmt/
Has Public IP: yes
Public IP Address:
server
FQDN:
vm1.cloud.corp.emc.com
```

emc-caas-getappliancelist

Description Returns the list of VMs deployed to the specified VDC.

Role Admin

Syntax

```
emc-caas-getappliancelist --username username --password password [--uri uri] --org
org --vdc vdc
```

Options The valid options include:

Option	Description
`--org org`	The name of the organization.
`--vdc` ***vdc***	The name of the VDC.

Examples The following example shows how to get the VM list for the user firstbank under the firstbankVDC VDC.

```
emc-caas-getappliancelist --username firstbank --password password --org org1 --vdc
firstbankvdc
```

The response is:

```
http://server/compute/1.0.0.0/org/org1/vdc/firstbankvdc/vm/caasvm1
http://server/compute/1.0.0.0/org/org1/vdc/firstbankvdc/vm/firstbankvm
http://server/compute/1.0.0.0/org/org1/vdc/firstbankvdc/vm/permissiontestfb1
```

emc-caas-getimagelist

Description Returns an uploaded VM image list.

Role Admin

Syntax

```
emc-caas-getimagelist --username username --password password [--uri uri] --org org
--vdc vdc
```

Options The valid options are:

Option	Description
`--org org`	The name of the organization.
`--vdc vdc`	The name of the VDC.

Examples: This example shows how to retrieve an image list for the user firstbank under the firstbank VDC.

```
emc-caas-getimagelist --username firstbank --password  password --org org1 --vdc
firstbankVDC

The response is:

http://server/compute/1.0.0.0/org/orgflqa42/vdc/vdcflqa42/imagestore/50m1nic
```

emc-caas-getmgmtactionlist

Description Returns a set of URIs that represent the actions performed by the management account (the administrator account) on a particular VM. The administrator can perform the following actions: emc-caas-clonetoappliance, emc-caas-resetappliance, emc-caas-resumeappliance, emc-caas-runappliance, emc-caas-stopappliance, and emc-caas-suspendappliance.

Role Admin

Syntax

```
emc-caas-getmgmtactionlist --username username --password password [--uri uri] --org
org --vdc vdc --vm vm
```

Options The valid options are:

Option	Description
`--org org`	The name of the organization.
`--vdc vdc`	The name of the VDC.
`--vm vm`	The name of the VM.

Examples The following example shows how to retrieve the management actions for the firstbankvm1 VM.

```
emc-caas-getmgmtactionlist --username firstbank --password password --org org1 --vdc
firstbankvdc --vm firstbankvm1
```

The response is:

```
http://server/compute/1.0.0.0/org/org1/vdc/firstbankvdc/vm/firstbankvm1/mgmt/
power-on
http://server/compute/1.0.0.0/org/org1/vdc/firstbankvdc/vm/firstbankvm1/mgmt/
clone-to-vm
```

emc-caas-getnetwork

Description Retrieves information for the specified network under the VDC.

Role Admin

Syntax

```
emc-caas-getnetwork --username username --password password [--uri <uri>] --org org
--vdc vdc --networkname networkname
```

Options

Option	Description
`--org org`	The name of the organization.
`--vdc vdc`	The name of the VDC.
`--networkname networkname`	The name of the network whose information you want to retrieve.

Examples This example retrieves the network information for *MypublicNetwork* defined in *firstbankvdc*

```
emc-caas-getnetwork --username firstbank --password password --uri
http://localhost/caas --org org1 --vdc firstbankvdc --networkname MypublicNetwork
```

The result is:

```
Name : MypublicNetwork
Scope: public
```

emc-caas-getnetworklist

Description Returns URIs to the networks in the specified VDC.

Role Admin

Syntax

```
emc-caas-getnetworklist --username username --password password [--uri uri] --org org
--vdc vdc
```

Options

Option	Description
`--org org`	The name of the organization.
`--vdc vdc`	The name of the VDC.

Examples The following example shows how to retrieve the network list for the vdc named firstbankvdc.

```
emc-caas-getnetworklist --username firstbank --password password --uri
http://localhost/caas --org org1 --vdc firstbankvdc
```

The result shows two networks named MyprivateNetwork and MypublicNetwork:

```
http://localhost/compute/1.0.0.0/org/org1/vdc/firstbankvdc/network/MyprivateNetwork
http://localhost/compute/1.0.0.0/org/org1/vdc/firstbankvdc/network/MypublicNetwork
```

emc-caas-getorg

Description Returns organization information.

Role Admin

Syntax `emc-caas-getorg --username ***username*** --password ***password*** [--uri ***uri***] --org ***org***`

Options The valid options are:

Option	Description
`--org ***org***`	The name of the organization.

Examples This example returns information for organization named org1 for the user firstbank.

```
emc-caas-getorg --username firstbank --password password --org org1
```

The response is:

```
Name: org1
Task List:
http://server/compute/1.0.0.0/org/org1/task/
VDC List:
http://server/compute/1.0.0.0/org/org1/vdc/
```

emc-caas-getorglist

Description Returns an organization list. Use this command to retrieve an organization list that you want to control.

Role Admin

Syntax emc-caas-getorglist --username *username* --password *password* [--uri *uri*]

Options The valid options are: user name, password, and uri, as described in Common CLI Options .

Examples This example returns an orglist for the user firstbank.

```
emc-caas-getorglist --username firstbank --password password
```

The response is:

```
http://server/compute/1.0.0.0/org/org1
```

emc-caas-gettask

Description Returns the details for a task. The tasks that can be retrieved have the following statuses: started, completed, failed.

Role Admin

Syntax

```
emc-caas-gettask --username username --password password [--uri uri] [--org org]
--key taskkey
```

Options The valid options:

Option	Description
`--org org`	The name of the organization.
`--key taskkey`	The task ID.

Examples This example returns detailed information for the task called key task-1979:

Task ID 1979:

```
emc-caas-gettask --username firstbank --password password --org org1 --key task-1979
```

The response is:

```
Name : task-415
Object Name : firstbankvm
Start Time : Wed Dec 24 15:45:30 CST 2008
End Time : Wed Dec 24 15:45:39 CST 2008
Status : completed
Cancelable : false
```

emc-caas-gettasklist

Description Returns the list of tasks for the specified VDC. You can use the result of this command to determine the task key for use with emc-caas-gettask.

Role Admin

Syntax

```
emc-caas-gettasklist --username username --password password [--uri uri] [--org org]
```

Options The valid options are:

Option	Description
`--org org`	The name of the organization.

Examples This example shows how to retrieve the tasks associated with firstbankvdc.

```
emc-caas-gettasklist --username firstbank --password password --org org1
```

The response is:

```
http://server/compute/1.0.0.0/org/org1/task/task-1975
http://server/compute/1.0.0.0/org/org1/task/task-1976
```

emc-caas-getvdc

Description Returns URIs to the VDC's permission list andVM list.

Role Admin

Syntax `emc-caas-getvdc --username username --password password [--uri uri] --org org --vdc vdc`

Options The valid options:

Option	Description
`--org org`	The name of the organization.
`--vdc vdc`	The name of the VDC.

Examples This example retrieves details about firstbankvdc:

```
emc-caas-getvdc --username firstbank --password password --org org1 --vdc vdc1
```

The value returned is:
Name: vdc1
Virtual Machine List:
http://server/compute/1.0.0.0/org/org1/vdc/vdc1/vm/
Network List:
http://server/compute/1.0.0.0/org/org1/vdc/vdc1/network/
Image List:
http://server/compute/1.0.0.0/org/org1/vdc/vdc1/imagestore/

emc-caas-getvdclist

Description Returns a list of VDCs for the organization named org1.

Role Admin

Syntax `emc-caas-getvdclist --username username --password password [--uri uri] --org org`

Options The valid options are:

Option	Description
`--org org`	The name of the organization.

Examples This example returns the list of VDCs for the organization firstbankvdc:

```
emc-caas-getvdclist --username firstbank --password password --org org1
```

The response is:

http://*server*/compute/1.0.0.0/org/org1/vdc/firstbankvdc

emc-caas-getvnic

Description Returns the Name, Network Name, IP address, and FQDN for the specified virtual NIC.

Role Admin

Syntax

```
emc-caas-getvnic --username username --password password [--uri uri] --org org --vdc
vdc --vm vm --vnic vnic
```

Options The valid options are:

Option	Description
`--org org`	The name of the organization.
`--vdc vdc`	The name of the VDC.
`--vm vm`	The name of the VM.
`--vnic vnic`	The name of the virtual NIC. If the name contains a space, it must be quoted.

Examples This example returns details about the virtual NIC named Network Adapter 1.

```
emc-caas-getvnic --username firstbank --password password --org org1 --vdc
firstbankvdc --vm firstbankvm --vnic "Network Adapter 1"
```

The response is:

```
Name: Network Adapter 1
Network Name: VM Network
Ip Address: 10.32.120.11
FQDN: internal.cloud.corp.emc.com
```

emc-caas-getvniclist

Description Returns the URI for each of the virtual NICs associated with the VM.

Syntax

```
emc-caas-getvniclist --username username --password password [--uri uri] --org org
--vdc vdc --vm vm
```

Role Admin

Options The valid options are:

Option	Description
`--org` ***org***	The name of the organization.
`--vdc` ***vdc***	The name of the VDC.
`--vm` ***vm***	The name of the VM.

Examples This example requests the list of virtual NICs for the VM firstbankvm:

```
emc-caas-getvniclist --username firstbank --password password --org org1 --vdc
firstbankvdc --vm firstbankvm
```

The response is:

```
http://server/compute/1.0.0.0/org/org1/vdc/firstbankvdc/vm/firstbankvm/virtualnic/Ne
twork Adapter 1
```

emc-caas-preuploadimage

Description Prepares an image for upload by generating a work folder which includes a list of part files and MD5 checksums. This work folder can be used with emc-caas-uploadimage to upload an image file. This command cannot be cancelled.

Role No required role.

Syntax

```
emc-caas-preuploadimage --vmfolder vmfolder --workfolder workfolder [--partsize
partsize]
```

Options The valid options are:

Option	Description
`--vmfolder` ***vmfolder***	The name of the folder for the VM you want to upload.
`--workfolder` ***workfolder***	The name of the work folder for the generated files to be uploaded. The work folder can not be a sub folder of the vmfolder.
`--partsize` ***partsize***	The size (MB) of the part file, between 1 and 50. The default size is 50.

Examples This example creates a workfolder /tmp/images/workdir using your local vmfolder /tmp/image/myvm1:

```
emc-caas-preuploadimage --vmfolder /tmp/images/myvm1 --workfolder
/tmp/images/workdir/
```

```
The response is:
```

```
Start compressing folder...
Start splitting file...
remain length : 125041121
remain length : 75041121
remain length : 25041121
Deleting zip file...
Done!
```

emc-caas-resetappliance

Description Resets a VM. You might want to reset a VM if it is not responding. Returns a URI to the task.

Role Admin

Syntax

```
emc-caas-resetappliance --username username --password password [--uri uri] --org org
--vdc vdc --vm vm
```

Options The valid options are:

Option	Description
--org org	The name of the organization.
--vdc ***vdc***	The name of the VDC.
--vm ***vm***	The name of the VM (or appliance) to reset.

Examples The example resets the VM firstbankvm.

```
emc-caas-resetappliance --username firstbank --password password --org org1 --vdc
firstbankvdc --vm firstbankvm
```

The response is:

```
Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-39
Task In Progress: ..............................................................
Task finished Successfully!
```

emc-caas-resumeappliance

Description Resumes a VM that you suspended using emc-caas-suspendappliance. Returns a URI to the task. This command cannot be cancelled.

Role Admin

Syntax

```
emc-caas-resumeappliance --username username --password password [--uri uri] --org
org --vdc vdc --vm vm
```

Options The valid options are:

Option	Description
`--org` ***org***	The name of the organization.
`--vdc` ***vdc***	The VDC name.
`--vm` ***vm***	The VM name.

Examples

```
The exemc-caas-resumeappliance --username firstbank --password password --org org1
--vdc firstbankvdc --vm firstbankvm
```

This example resumes the VM named firstbankvm.

The response is:

```
Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-39
Task In Progress: ..............................................................
Task finished Successfully!
```

emc-caas-resyncnfs

Description Resyncs NFS access under a specific VDC after a new uid is created.

Role Admin and Atmos Account Manager

Syntax emc-caas-resyncnfs --username *username* --password *password* [--uri *uri*] --org *org* --vdc *vdc*

Options The valid options are:

Option	Description
`--org` ***org***	The name of the organization.
`--vdc` ***vdc***	The name of the VDC.

Examples This example resyncs NFS access for the user firstbank.

```
emc-caas-resyncnfs --username firstbank --password password --org org1 --vdc
firstbankvdc
```

The response is:

```
Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-39
Task In Progress: ..............................................................
Task finished Successfully!
```

emc-caas-runappliance

Description Starts a VM which causes the operating system to boot. Returns a URI to the task.

Role Admin

Syntax

```
emc-caas-runappliance --username username --password password [--uri uri] --org org
--vdc vdc --vm vm
```

Options The valid options are:

Option	Description
`--org org`	The name of the organization.
`--vdc vdc`	The name of the VDC.
`--vm vm`	The name of the VM.

Examples The following example starts the firstbankvm VM.

```
emc-caas-runappliance --username firstbank --password password --org org1 --vdc
firstbankvdc --vm firstbankvm
```

The reponse is:

```
Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-39
Task In Progress: ..............................................................
Task finished Successfully
```

emc-caas-stopappliance

Description Powers off a VM. Use emc-caas-runappliance to start the stopped VM. Returns a URI to the task. This command cannot be cancelled.

Role Admin

Syntax

```
emc-caas-stopappliance --username username --password password [--uri uri] --org org
--vdc vdc --vm vm
```

Options The valid options are:

Option	Description
`--org org`	The name of the organization.
`--vdc vdc`	The name of the VDC.
`--vm vm`	The name of the VM.

Examples This example stops firstbankvm.

```
emc-caas-stopappliance --username firstbank --password password --org org1 --vdc
firstbankvdc --vm firstbankvm

The response is:

Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-39
Task In Progress: ..............................................................
Task finished Successfully
```

emc-caas-suspendappliance

Description Suspends a VM. Use emc-caas-resumeappliance to resume activity on the VM. Returns a URI to the task. This command cannot be cancelled.

Role Admin

Syntax

```
emc-caas-suspendappliance --username username --password password [--uri uri --org
org --vdc vdc --vm vm
```

Options The valid options are:

Option	Description
`--org org`	The name of the organization.
`--vdc vdc`	The name of the VDC.
`--vm vm`	The name of the VM (or appliance).

Examples The following example shows how to suspend the VM named firstbankvm.

```
emc-caas-suspendappliance --username firstbank --password password --org org1 --vdc
firstbankvdc --vm firstbankvm

The response is:

Task submitted, URI is:
http://server/compute/1.0.0.0/org/org1/task/task-1976
```

emc-caas-updateappliance

Description Changes the instance type allocated to the VM. The instance type defines the compute power of the VM. Returns a URI to the task.

Role Admin

Syntax

```
emc-caas-updateappliance --username username --password password [--uri uri] --org
org --vdc vdc --vm vm --instancetype instancetype
```

Options The valid options are:

Option	Description
`--org` ***org***	The name of the organization.
`--vdc` ***vdc***	The name of the VDC.
`--vm` ***vm***	The name of the VM.
`--instancetype` ***instancetype***	The instance type (small, medium , or large).

Examples The following example updates firstbankvm with a small instance type.

```
emc-caas-updateappliance --username firstbank --password password --org org1 --vdc
firstbankvdc --vm firstbankvm --instancetype small
```

The response is:

```
Task Submitted Successfully!
http://server/compute/1.0.0.0/org/org1/task/task-39
Task In Progress: ..............................................................
Task finished Successfully
```

emc-caas-uploadimage

Description Uploads aVM image using the workfolder. This command cannot be cancelled.

Role Admin

Syntax

```
emc-caas-uploadimage  --username username --password password [--uri uri] --org org
--vdc vdc --workfolder workfolder [--startpart startpart] --imagename imagename
```

Options The valid options are:

Option	Description
`--org` ***org***	The name of the organization.
`--vdc` ***vdc***	The name of VDC.
`--workfolder` ***workfolder***	The temporary folder for files generated during uploading.
`--startpart` ***partnumber***	Specifies where to restart the upload if your first upload fails. The default value is zero.
`--imagename` ***imagename***	The name of the image.

Example This example creates a image file named myvm1 using the folder workfolder which is created by emc-caas-preuploadimage:

```
emc-caas-uploadimage --username firstbank --password password --vdc firstbankvdc
--org org1 --workfolder /tmp/images/workdir/ --imagename myvm1
```

```
The response is:

Checking vdc...
Start sending file
Sending file /tmp/images/workdir/myvm1.zip.part.0
Upload completed for /tmp/images/workdir/myvm1.zip.part.0
Sending file /tmp/images/workdir/myvm1.zip.part.1
Upload completed for /tmp/images/workdir/myvm1.zip.part.1
Sending file /tmp/images/workdir/myvm1.zip.part.2
Upload completed for /tmp/images/workdir/myvm1.zip.part.2
Sending file /tmp/images/workdir/myvm1.zip.part.3
Upload completed for /tmp/images/workdir/myvm1.zip.part.3
Sending file /tmp/images/workdir/myvm1.zip.part.4
Upload completed for /tmp/images/workdir/myvm1.zip.part.4
Sending file /tmp/images/workdir/myvm1.zip.part.5
Upload completed for /tmp/images/workdir/myvm1.zip.part.5
Sending file /tmp/images/workdir/myvm1.zip.part.6
Upload completed for /tmp/images/workdir/myvm1.zip.part.6
Sending file /tmp/images/workdir/myvm1.zip.part.7
Upload completed for /tmp/images/workdir/myvm1.zip.part.7
Sending file /tmp/images/workdir/myvm1.zip.part.8
Upload completed for /tmp/images/workdir/myvm1.zip.part.8
Sending file /tmp/images/workdir/myvm1.zip.part.9
Upload completed for /tmp/images/workdir/myvm1.zip.part.9
Sending file /tmp/images/workdir/myvm1.zip.part.10
Upload completed for /tmp/images/workdir/myvm1.zip.part.10
Sending file /tmp/images/workdir/myvm1.zip.part.11
Upload completed for /tmp/images/workdir/myvm1.zip.part.11
Sending file manifest.xml
Upload completed for /tmp/images/workdir/manifest.xml
```