

CLOUD_{4C}



UCP Manual for Server Details and Operations

CLOUD4C SERVICES PVT LTD

Document control

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V 1.1	Sai Krishna	27-05-2022

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V 1.1	Priyadarshi Mishra	31-05-2022

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Version	Approver	Date
V 1.0	Harmandeep Singh	30-04-2022
V 1.1	Harmandeep Singh	31-05-2022

Change Control

Version	Change Reason	Effective Date
V 1.0	Initial Release	30-04-2022
V 1.1	Introduction, UCP access, Detailed view, Subheadings, corrections,	31-05-2022

STATEMENT OF CONFIDENTIALITY

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1. Introduction to UCP

Welcome to Universal Cloud Platform user guide. UCP is a multi-cloud Self-Service platform that allows users to provision Virtual Machines into Azure Environment. Along with provisioning Linux, SAP & Windows Virtual Machines, you will be able to manage them, perform 2nd Day operations, decommission, obtain or provide access to the virtual machine.

UCP not only does allow to provision the virtual machine but also configures monitoring via Splunk Monitoring, configures backup via Netbackup software, on-board Linux VMs to Cyberark Platform to obtain secure access, on-board Windows VMs to Active Directory.

You will be able to create Virtual machines for both Test & Production purposes.

UCP creates a CMDB CI entry in Global Service Now (GSN) for every virtual machine that get provisioned.

UCP also creates a Change Management ticket (RFC) for every VM that has been deployed for Production purposes only. Based on this RFC ticket, every virtual machine undergoes thorough automated and manual checks for its readiness on the day of the delivery.

Welcome to UCP user guide for Server Details & Operations

This document helps user to view the server details which has been provisioned and perform various operations.

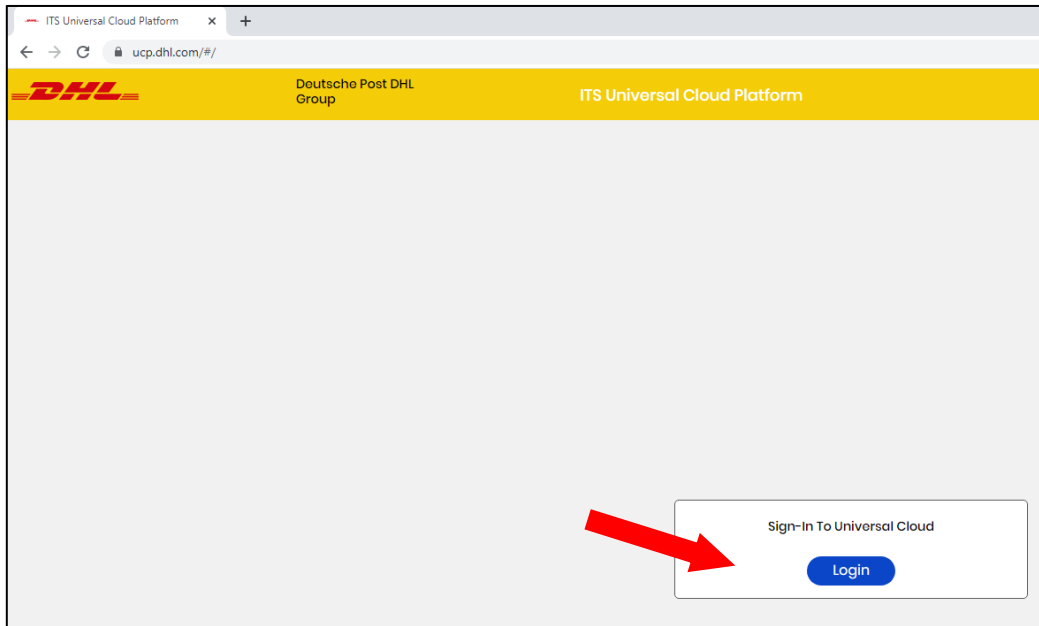
The Operations include

- a. Reboot
- b. Decommission
- c. Resize
- d. View History
- e. Obtain Latest OAT Checklist
- f. Re-Run OAT Checklist
- g. Lock or Unlock a server
- h. Sync Latest data of the server from Azure
- i. Add New Disk

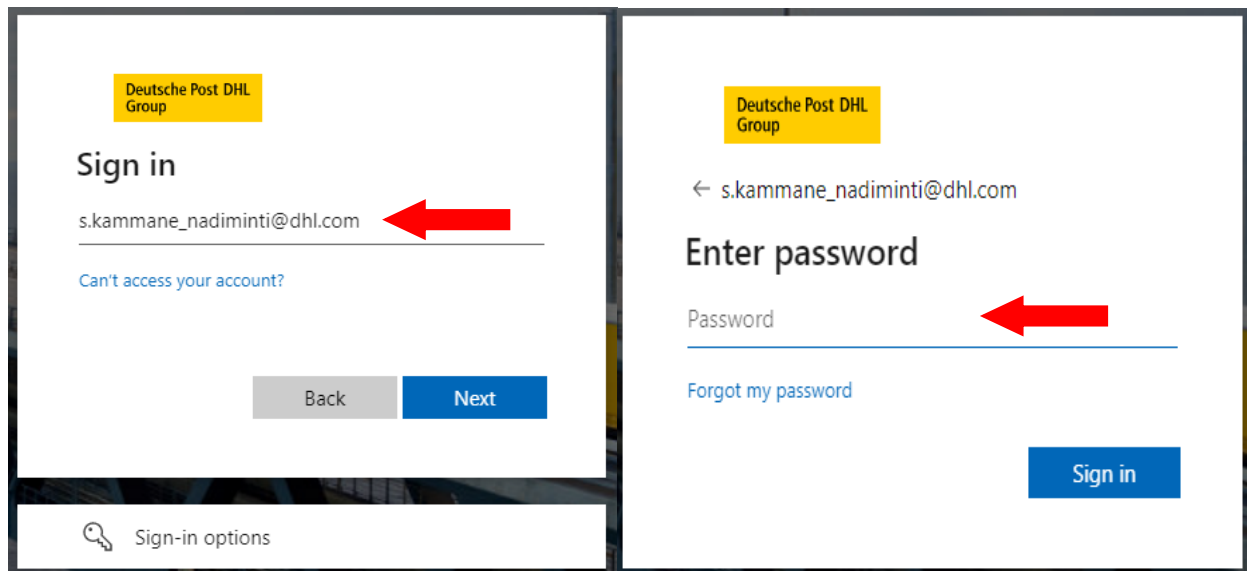
2. How do I operate MY server?

Server operations are thoroughly mandated via Approval M

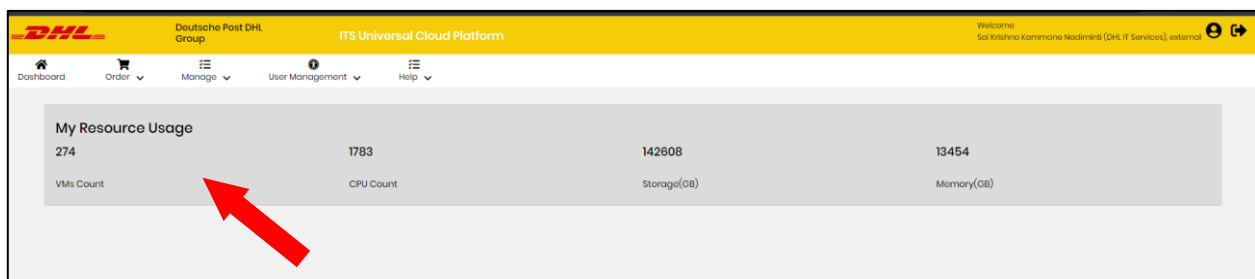
Login to UCP platform by navigating to <https://ucp.dhl.com>



Click on Login and enter your credentials

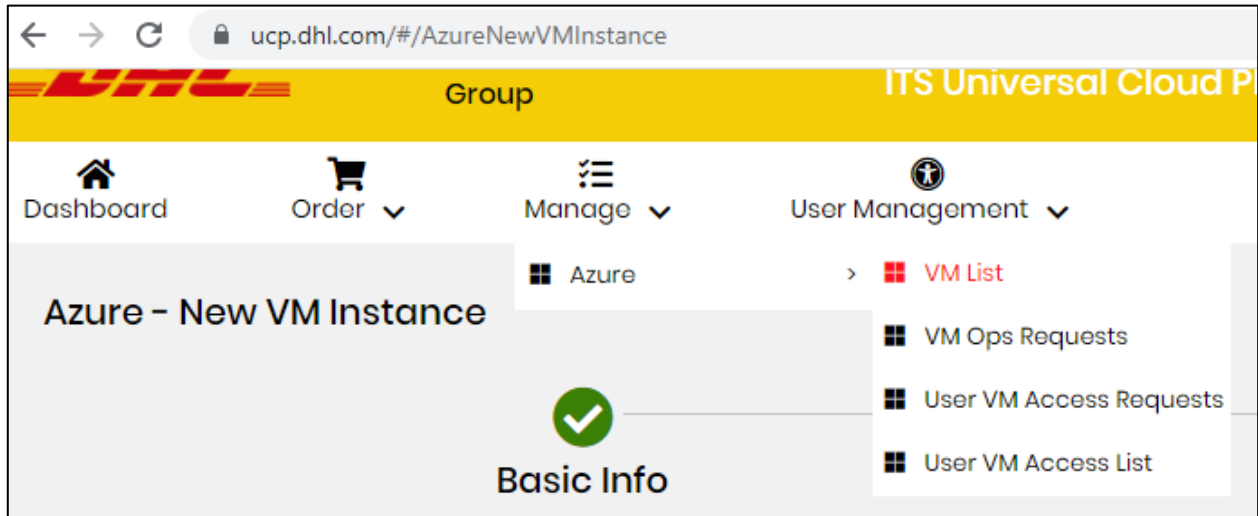


You will be landing on the dashboard as shown hereunder. The dashboard shows a list of Virtual Machines that you have configured and related details.



2.1 Operate the server

In order to operate the server that has been provisioned with the Resource Group, please Navigate to Manage -> Azure -> VM List



You can either view the desired server(s) based on the filtering options available or you may Enter the hostname of the server.

Azure VMs

Subscription: 7e8e1e9b-c128-42b8-c445-d1828754604 / ITS-SPCS-Azure-Managed-VM-PROD-1

Resource Group: rg-its-spcs-prod-weu-001

Region: West Europe

OS Type: Windows

Virtual Machines: Virtual Machine

Provisioned By: Select...

[Search](#)

Show entries: 10

Name	Power Status	VM Status	Location	Resource Group	OS Template	Disk Units GB	CI Number	RFC Number	Provisioned By	
xa122ws210025	poweredOn	Running	westeurope	RG-ITS-SPCS-PROD-WEU-001	Windows-Server-2016-STD-SQL-2016-ENT	384 GB	CI2972835	RFC2156883	sai_anusha.darla@dhl.com	VM Details
xa122ws210010	poweredOn	Running	westeurope	RG-ITS-SPCS-PROD-WEU-001	Windows-Server-2016-STD-SQL-2016-ENT	384 GB	CI2972719	RFC2156820	sai_anusha.darla@dhl.com	VM Details
xa122ws210014	poweredOn	Running	westeurope	RG-ITS-SPCS-PROD-WEU-001	Windows-Server-2016-STD-SQL-2016-ENT	384 GB	CI2971724	RFC2156645	kartheek.k@dhl.com	VM Details

Showing 1 to 3 of 3 entries

[Previous](#) [Next](#)

Click on VM Details Button to view the details of the server that has been provisioned.

OS Template	Disk Units GB	CI Number	RFC Number	Provisioned By	
Windows-Server-2016-STD-SQL-2016-ENT	384 GB	CI2972835	RFC2156883	sai_anusha.darla@dhl.com	VM Details
Windows-Server-2016-STD-SQL-2016-ENT	384 GB	CI2972719	RFC2156820	sai_anusha.darla@dhl.com	VM Details
Windows-Server-2016-STD-SQL-2016-ENT	384 GB	CI2971724	RFC2156645	kartheek.k@dhl.com	VM Details

VM Details

Note: If you see any discrepancy in VM information, Please click on "Sync Data From Azure"

[Reboot](#)
[Decommission](#)
[Resize](#)
[History](#)
[Latest OAT Checklist](#)
[Re-run OAT checklist](#)
[Lock](#)
[Sync Data From Azure](#)

VM Name:	xa122ls41002	VM Status:	Running
VM Location:	southeastasia	VM Size:	Standard_A1_v2
Resource Group:	RG-ITS-SPCS-PROD-SEA-001	CPU Core:	1
Memory(GB):	2	Total Disk Size(GB):	192
OS Template:	RedHat-Enterprise-Linux-B4-for-Tomcat	OS Disk Size(GB):	128
OS Name:	redhat	OS Version:	8.4
Virtual Network:	ITS-SPCS-Azure-Managed-VM-PROD-122-sea	Network Interface:	xa122ls41002-nic
Accelerated Networking:	false	Private IP Address:	10.234.90.35
CI Number:	C12973343	RFC Number:	RFC2956968
Search Code:	AP-SVLV-XA122LS41002	MiddleWare CI Number:	C12973344
DB Search Code:		DB CI Number:	
Is Cluster:	No	Impacted BU:	ITS
Azure tags:	Backup-Vault-Policy: po-vm-gold-0001 Business_service: ACS EVENT DB PRO TEST Cloud_service: Managed load5 Provisioned_By: UCP s_Ops Support Prod_MW: 20000002906 s_Ops Support Prod_OS: 20000002908 v_OS_RHEL: B4	VM Creation Time:	2022-04-20 01:44:59
		VM Provisioned By:	vol_anushadaria@dhil.com
		VM Locked Status:	Unlock

VM Disks [+ Add New Disk](#)

Disk Name	Disk Size (GB)	Storage Account Type	Encryption Type	Encryption Name
xa122ls210120	128	StandardSSD_LRS	EncryptionAtRestWithCustomerKey	des-prod-aviation-weu
xa122ls210120-Additional-Disk	16	StandardSSD_LRS	EncryptionAtRestWithCustomerKey	des-prod-aviation-weu
xa122ls210120-disk1	32	StandardSSD_LRS	EncryptionAtRestWithCustomerKey	des-prod-aviation-weu

OAT Checklist

Version	Pass	Fail	Total	Date	Remarks
1	11	0	11	2022-04-25 11:47:15	CTASK3716055

Cyberark Accounts

S.No	Username	Sofname	IP Address	Platform id
1	aadinitsservice_w1	AADMIN_GLOBAL_WEBL_EU	10.156.36.123	Linux-SAP
2	sadinitss	SADMIN_GLOBAL_EU	10.156.36.123	Linux-SAP

Cyberark Application users

S.No	Username	Sofname	Membership Expiration Date	Status
------	----------	---------	----------------------------	--------

Azure Portal OAT Checklist:

Disk Encryption	Passed: Enabled with CMK												
Backup Details	<table border="1"> <tr> <td>Vault Name</td> <td>rsv-its-spcs-prod-bkp-we-001</td> </tr> <tr> <td>Policy Name</td> <td>po-vm-gold-0001</td> </tr> <tr> <td>Protection Status</td> <td>Healthy</td> </tr> <tr> <td>Health Status</td> <td>Passed</td> </tr> <tr> <td>Last Backup Status</td> <td>Completed</td> </tr> <tr> <td>Last Backup Time</td> <td>2022-04-25T10:31:40.3122891Z</td> </tr> </table>	Vault Name	rsv-its-spcs-prod-bkp-we-001	Policy Name	po-vm-gold-0001	Protection Status	Healthy	Health Status	Passed	Last Backup Status	Completed	Last Backup Time	2022-04-25T10:31:40.3122891Z
Vault Name	rsv-its-spcs-prod-bkp-we-001												
Policy Name	po-vm-gold-0001												
Protection Status	Healthy												
Health Status	Passed												
Last Backup Status	Completed												
Last Backup Time	2022-04-25T10:31:40.3122891Z												

2.2 REBOOT

You can reboot the server by clicking on the REBOOT Button. However only a Team Manager can approve to

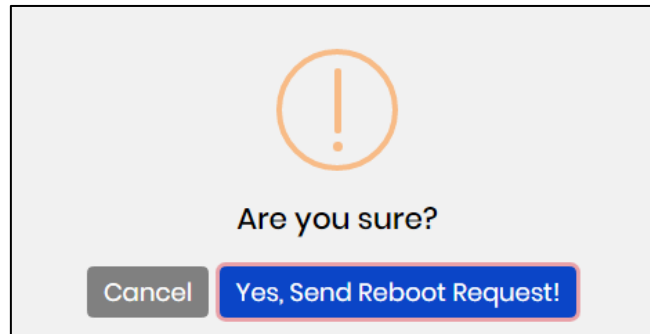
VM Details

Note: If you see any discrepancy in VM information, Please click on "Sync Data From Azure"

[Reboot](#)
[Decommission](#)
[Resize](#)

VM Name: xa122ls210120

- After clicking on Reboot button a pop-up appears to confirm the action



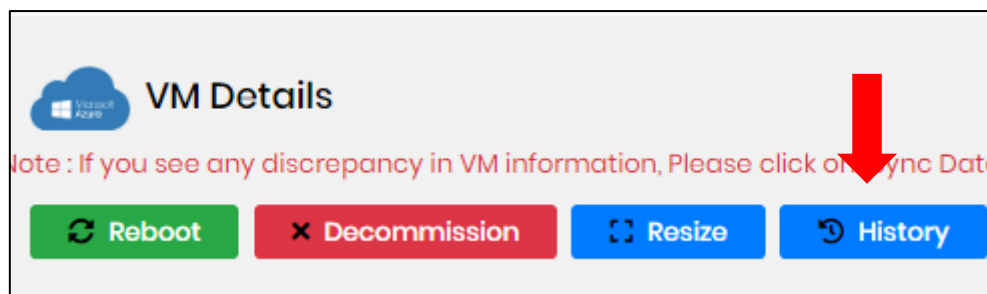
- b. Clicking on Yes to send the Reboot Request for an approval to the **TEAM MANAGER**

Request Information		Approval details		
Type : restart VM Name : xa122ls210120 Raised By : s.kammane_nadiminti@dhl.com Status :: Pending Additional info >>		Request Raised Date	Level Number	Status
		2022-04-25 09:33:12	1	Pending <input type="button" value="Approve"/> <input type="button" value="Reject"/>

- c. Once the **TEAM MANAGER** approves & submits the requested action, the server is then Rebooted. If the requested action is Rejected, then the request is cancelled and the server will not be rebooted.

Request Information		Approval details				
Type : restart VM Name : xa122ls210120 Raised By : s.kammane_nadiminti@dhl.com Status :: Approved Additional info >>		Request Raised Date	Level Number	Status	Approved/Rejected By	Approved/Rejected Date
		2022-04-25 09:33:12	1	Approved	s.kammane_nadiminti@dhl.com	2022-04-25 09:34:43
		<input type="button" value="Proceed"/>				

- d. Once the reboot is completed, clicking on the HISTORY button will share the status of the action performed.

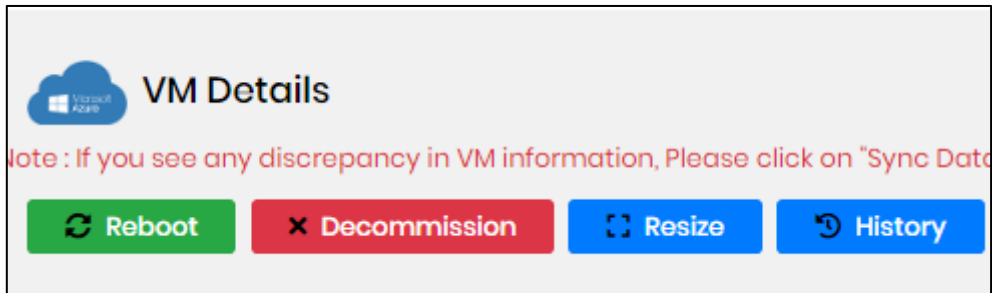


VM History			
SL	Vm Name	Description	Log Time
1	xa122ls210120	restart - Running VM Completed	2022-04-25 11:35 PM
2	xa122ls210120	VM restart requested	2022-04-25 11:33 PM

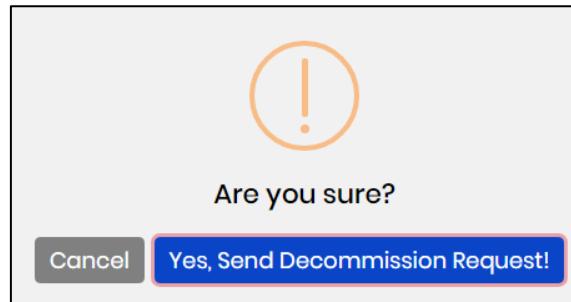
2.3 DECOMMISSIONING

Decommissioning of server can be done if the purpose of the server is resolved. The decommissioning process detaches the Network interfaces, Disks, Destroys the virtual machine and removes connectivity to all softwares. Follow the below steps to decommission a server

- a. In order to decommission a server click on the Decommission Button highlighted in RED.



- b. After clicking on the Decommission button, an alert pops-up in order to confirm the action.



- c. Clicking on "Yes, Send Decommission Request", the request is then forwarded to the TEAM MANAGER for approval

Request Information	Approval details		
Type : Decommission VM Name : xa122ls210120 Raised By : s.kammane_nadiminti@dhl.com Status :: Pending Additional info >>	Request Raised Date	Level Number	Status
	2022-04-25 09:54:54	1	Pending Approve Reject

Request Information	Approval details				
Type : restart VM Name : xa122ls210120 Raised By : s.kammane_nadiminti@dhl.com Status :: Approved Additional info >>	Request Raised Date	Level Number	Status	Approved/Rejected By	Approved/Rejected Date
	2022-04-25 09:33:12	1	Approved	s.kammane_nadiminti@dhl.com	2022-04-25 09:34:43 Proceed

- d. Once the decommissioning request is approved & submitted by the TEAM MANAGER the server is then proceeded to fulfil the decommissioning request.
- e. The Status of the Decommissioning can be viewed in Deployment information tab.
- f. The relevant tab needs to be selected to view the status.

Build No.	Build Status	Vm Name	Actions
1101	SUCCESS	xa122ls610029	Console Output
1100	SUCCESS	xa123ls400021	Console Output

- g. Once the Decommissioning is successful then the server is removed from the AZURE Platform and the entry is removed from UCP.
- h. All the resources connected to the server are decommissioned and can be reused for another provisioning request.

2.4 Resize

A server can be resized to meet its business requirements at any time during its lifecycle. However Azure only supports upsizing an existing server, meaning you can only chose a higher VM size than the existing configuration, not lower VM size. The steps of resizing are demonstrated below.

- a. For example let us select a virtual machine with hostname xa122ls610022 which has a base machine size of "Standard_A1_v2"

VM Name :	VM Location :	VM Status :	VM Size :
xa122ls610022	eastus	Running	Standard_A1_v2

- b. A server base machine can be resized with this request. Click on the Resize button.

VM Details

Note : If you see any discrepancy in VM information, Please c

Reboot Decommission Resize

- c. A pop-up appears with the supported VM sizes which can be resized. Note the already selected VM size cannot be selected.

VM Re-Size

Update Close

Show entries 10

Search

	VM Size	CPU Core	RAM
	Standard_A1_v2	1	2 GB
<input checked="" type="radio"/>	Standard_A2m_v2	2	16 GB
<input type="radio"/>	Standard_A2_v2	2	4 GB
<input type="radio"/>	Standard_A4m_v2	4	32 GB
<input type="radio"/>	Standard_A4_v2	4	8 GB
<input type="radio"/>	Standard_A8m_v2	8	64 GB
<input type="radio"/>	Standard_A8_v2	8	16 GB
<input type="radio"/>	Standard_B12ms	12	48 GB
<input type="radio"/>	Standard_B16ms	16	64 GB
<input type="radio"/>	Standard_B1ms	1	2 GB

Showing 1 to 10 of 257 entries

Previous

1

2

3

4

5

6

7

8

Next

- d. Click on update and the request is submitted to the **TEAM MANAGER** for approval. By navigating to Manage -> Azure -> VM Ops request, the request can be found to either Approve / Reject.

Dashboard

Order

Manage

User Management

Azure

VM List

VM Ops Requests

User VM Access Requests

User VM Access List

VM Ops Requests

Status ALL

Search

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

Request Information

Approval details

Type : Re-Size

VM Name : xa122ls610022

Raised By : s.kammane_nadiminti@dhl.com

Status :: Pending

Additional info >>

Request Raised Date

Level Number

Status

2022-04-25 10:09:39

1

Pending

Approve

Reject

- e. After the **TEAM MANAGER** approves & submits the request the server resizing operations begins.
f. After successful completion of resizing the server size can now be seen as upgraded to "Standard_A2m_v2"

Reboot

Decommission

Resize

History

Latest OAT Checklist

Re-run OAT checklist

Lock

VM Name :

xa122ls610022

VM Status :

Running

VM Location :

eastus

VM Size :

Standard_A2m_v2

Resource Group :

RQ-ITS-POC-CHLCA

CPU Core :

2

Memory(GB):

16

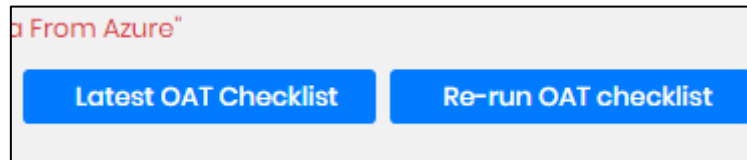
Total Disk Size(GB):

160

2.5 Re-run OAT Checklist

Operational Acceptance Test(OAT) Checklist is an Automated checklist that validates the internal configurations of every server based on GWSS Guidelines.

- During the provisioning process every server undergoes OAT checklist.
- A user can also Re-Run the OAT Checklist after performing changes to the template.
- By Clicking on OAT Re-Run, UCP runs the checklist on a server and reports the status of the internal assets and configurations provisioned on it



- The status of OAT Re-Run can be viewed in the Order -> Deployment Information -> Relevant sub-tab

1. BEFORE

OAT Checklist					
Version	Pass	Fail	Total	Date	Remarks
1	7	0	7	2022-04-25 15:11:14	CTASK3716188

Deployment Information					
Linux Provisioning	Windows Provisioning	Linux Decommission	Windows Decommission	User Onboarding	Other Jobs
Windows SQL SERVICE ACCOUNT On-Boarding	IAAS-Windows OAT Rerun	IAAS-Linux OAT Rerun	IAAS-Linux DB OAT Rerun	IAAS-Linux Weblogic OAT Rerun	IAAS-Linux Cluster OAT Rerun
IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun
IAAS Windows DB Add Disk					
1					
Build No.	Build Status	Vm Name	Actions		
16	In-Progress	xa122ls610022	Console Output		

AFTER

Deployment Information					
Linux Provisioning	Windows Provisioning	Linux Decommission	Windows Decommission	User Onboarding	Other Jobs
Windows SQL SERVICE ACCOUNT On-Boarding	IAAS-Windows OAT Rerun	IAAS-Linux OAT Rerun	IAAS-Linux DB OAT Rerun	IAAS-Linux Weblogic OAT Rerun	IAAS-Linux Cluster OAT Rerun
IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun	IAAS-Windows SQL OAT Rerun
IAAS Windows DB Add Disk					
1					
Build No.	Build Status	Vm Name	Actions		
16	SUCCESS	xa122ls610022	Console Output		

OAT Checklist					
Version	Pass	Fail	Total	Date	Remarks
1	7	0	7	2022-04-25 15:11:14	CTASK3716188
2	7	0	7	2022-04-25 22:33:36	CTASK3716188

- The checks that have been performed by clicking on the Pass, Fail & total icons in GREEN, RED & BLUE buttons respectively

Total CheckList 7

2.1.1 Kernel version

✓ Pass: Approved kernel 3.10.0-1160.36.2.el7.x86_64 found

2.2 Volume Management**2.2.1 Standard OS filesystems**

- ✓ Pass: / mount point found
- ✓ Pass: / File system size ok
- ✓ Pass: /boot mount point found
- ✓ Pass: /boot File system size ok
- ✓ Pass: /boot/efi mount point found
- ✓ Pass: /boot/efi File system size ok
- ✓ Pass: /opt mount point found
- ✓ Pass: /opt File system size ok
- ✓ Pass: /tmp mount point found
- ✓ Pass: /tmp File system size ok
- ✓ Pass: /var/crash mount point found
- ✓ Pass: /var/crash File system size ok
- ✓ Pass: /var/log mount point found
- ✓ Pass: /var/log File system size ok

2.3 Kernel**2.3.1 Kernel parameters**

- ✓ Pass: net.ipv4.ip_forward = 0
- ✓ Pass: net.ipv4.conf.default.proxy_arp = 0
- ✓ Pass: net.ipv4.conf.all.proxy_arp = 0
- ✓ Pass: kernel.sysrq = 0
- ✓ Pass: net.ipv4.conf.all.accept_source_route = 0
- ✓ Pass: net.ipv4.conf.default.accept_redirects = 0
- ✓ Pass: net.ipv4.conf.all.accept_redirects = 0
- ✓ Pass: kernel.nmi_watchdog = 0
- ✓ Pass: net.ipv4.conf.default.rp_filter = 1
- ✓ Pass: net.ipv4.conf.all.rp_filter = 1
- ✓ Pass: net.ipv4.tcp_syncookies = 1
- ✓ Pass: kernel.core_uses_pid = 1
- ✓ Pass: net.ipv4.icmp_echo_ignore_broadcasts = 1
- ✓ Pass: net.ipv4.conf.default.secure_redirects = 1
- ✓ Pass: net.ipv4.conf.all.secure_redirects = 1
- ✓ Pass: kernel.unknown_nmi_panic = 1
- ✓ Pass: net.ipv6.conf.all.disable_ipv6 = 1
- ✓ Pass: net.ipv6.conf.default.disable_ipv6 = 1
- ✓ Pass: net.ipv6.conf.lo.disable_ipv6 = 1
- ✓ Pass: kernel.core_pattern = /var/cores/core

2.4 Networking{NC}**2.4.1 Name resolving{NC}**

2.6 Add New Disk

This feature allows user to add a new disk to an existing server. Please follow the steps below to add disks to the Linux/Windows servers and the below options can also be selected during the addition of a disk

For Linux images

- i. Disk Storage type
- ii. Disk size
- iii. Disk Host Caching and

iv. Mount-points can be added

Note: The Disk Name cannot be edited as it has to follow the server naming convention and disk number sequence.

Add New Disk To Vm

Subscription Id*: 7e8e1e96-c128-42b8-a445-d18281754604 / ITS-SPCS-Azure-Managed-VM-PROD-122

Location*: East US

Resource Group*: RG-ITS-POC-CHLCA

Disk Name*

xa122ls610022-disk2

Disk Storage Type *

Standard_LRS

Disk Storage SKU *

S4 - 32 GB

Disk Host Caching*

ReadOnly

Disk Size *

32 GB

Remove Mount Points

Disk Mount Points (Buffer Size : 5 GB)

Mount Point 1*

/app/test

Mount Point Label 1*

apptest

Size 1*

10 GB

+

Submit

- After the request is submitted, it is then forwarded to the **TEAM MANAGER** for approval.
- Once the **TEAM MANAGER** approves and submits the request, the addition of new disk begins with the prescribed settings.

Deployment Information							
Linux Provisioning Windows Provisioning Linux Decommission Windows Decommission User Onboarding Other Jobs							
SAP Linux IAAS Linux IAAS Linux DB Linux Weblogic IAAS Linux Cluster IAAS Linux Without Disk IAAS Linux DB Without Disk IAAS Linux Cluster Without Disk							
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22							
Build No.	Build Status			Vm Name			Actions
1230	In-Progress			xa122ls610022			Console Output

BEFORE

VM Disks					+ Add New Disk
Disk Name	Disk Size (GB)	Storage Account Type	Encryption Type	Encryption Name	
xa122ls610022_OsDisk_1_024e109832d542d1b0a7da869fecb7fc	128	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus	
xa122ls610022-disk1	32	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus	

OAT Checklist

AFTER

Deployment Information

Linux Provisioning | Windows Provisioning | Linux Decommission | Windows Decommission | User Onboarding | Other Jobs

SAP Linux | **IAAS Linux** | IAAS Linux DB | Linux Weblogic | IAAS Linux Cluster | IAAS Linux Without Disk | IAAS Linux DB Without Disk | IAAS Linux Cluster Without Disk

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

Build No.	Build Status	Vm Name	Actions
1230	SUCCESS	xa122ls610022	Console Output

VM Disks + Add New Disk

Disk Name	Disk Size (GB)	Storage Account Type	Encryption Type	Encryption Name
xa122ls610022_OsDisk_1_024e109832d542d1b0a7da869fecb77c	128	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus
xa122ls610022-disk1	32	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus
xa122ls610022-disk2	32	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus

OAT Checklist

As you can see above, an additional disk has been attached to an existing server.

Note: Disks can only be attached. They cannot be detached from an existing server. Only during decommissioning of a server will the disk be detached and purged.

2.7 Lock / Unlock a server

- The lock feature enables a server to lock itself from a DECOMMISSION request only.
- Click on the lock button and the following status appears and the button turns to unlock status.

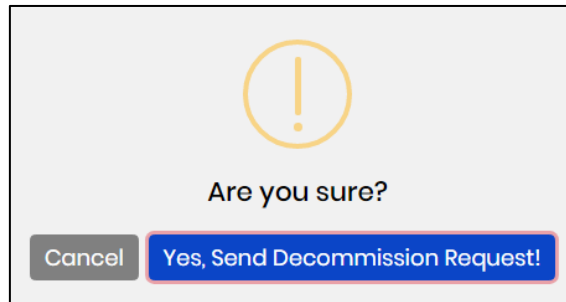
Welcome Sai Krishna Kammaneni

VM got Locked

Unlock Sync Data From Azure

VM Status :	Running
VM Size :	Standard_A2m_v2
CPU Core :	2
Total Disk Size(GB) :	160
OS Disk Size(GB) :	128
OS Version :	7.9
Network Interface :	xa122ls610022-nic
Private IP Address :	10.224.24.25
RFC Number :	RFC2157259
MiddleWare CI Number :	
DB CI Number :	
Impacted BU :	ITS
VM Creation Time :	2022-04-25 20:19:37
VM Provisioned By :	s.kammaneni_nadiminti@dhl.com
VM Locked Status :	Locked

- Clicking on Decommission status returns the following notification



Welcome Sai Krishna Kammaneni

Selected VM is in locked state

Unlock Sync Data From Azure

VM Status : Running
VM Size : Standard_A2m_v2
CPU Core : 2
Total Disk Size(GB) : 160
OS Disk Size(GB) : 128
OS Version : 7.9
Network Interface : xal22ls610022-nic
Private IP Address : 10.224.24.25
RFC Number : RFC2157259
MiddleWare CI Number :
DB CI Number :
Impacted BU : ITS
VM Creation Time : 2022-04-25 20:19:37
VM Provisioned By : s.kammaneni_nadiminti@dhl.com
VM Locked Status : Locked

2.8 Sync Data from Azure

- This button allows the user to fetch the latest status and details of a server from Azure Platform.
- This option can be utilized in case if there's any discrepancy found in the server details against Azure Platform, or can be proactively used to fetch the latest status post provisioning.
- For example, an additional disk is added to this server and the user is going to sync the data from Azure platform

BEFORE

VM Details

Note : If you see any discrepancy in VM information, Please click on "Sync Data From Azure"

Reboot Decommission Resize History Latest OAT Checklist Re-run OAT checklist Unlock Sync Data From Azure

VM Name : xal22ls610022
VM Location : eastus
Resource Group : RG-ITS-POC-CHLCA
Memory(GB) : 16
OS Template : RedHat-Enterprise-Linux-7.9
OS Name : redhat
Virtual Network : ITS-SPCS-Azure-Managed-VM-PROD-122-eus
Accelerated Networking : false
CI Number : C1974189
Search Code : AM-SVLV-XA122LS610022
DB Search Code :
Is Cluster : No
Azure tags : Backup-Vault-Policy: po-vm-gold-0001
 Business_service: SPCS Managed Service load
 Cloud_Service: Managed load
 Provisioned_By: UCP
 s_Ops Support Prod_OS: 20000002908
 v_OS_RHEL: 7.9

VM Status : Running
VM Size : Standard_A2m_v2
CPU Core : 2
Total Disk Size(GB) : 160
OS Disk Size(GB) : 128
OS Version : 7.9
Network Interface : xal22ls610022-nic
Private IP Address : 10.224.24.25
RFC Number : RFC2157259
MiddleWare CI Number :
DB CI Number :
Impacted BU : ITS
VM Creation Time : 2022-04-25 20:19:37
VM Provisioned By : s.kammaneni_nadiminti@dhl.com
VM Locked Status : Locked

VM Disks

Disk Name	Disk Size (GB)	Storage Account Type	Encryption Type	Encryption Name
xal22ls610022_OsDisk_1_024e109832d542d1b0a7da869fcb7c	128	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus
xal22ls610022-disk1	32	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus

OAT Checklist

+ Add New Disk

AFTER

VM Details

Note: If you see any discrepancy in VM information, Please click on "Sync Data From Azure"

[Reboot](#) [Decommission](#) [Resize](#) [History](#) [Latest OAT Checklist](#) [Re-run OAT checklist](#) [Unlock](#) [Sync Data From Azure](#)

VM Name: xa122ls610022
VM Location: eastus
Resource Group: RG-ITS-POC-CHLCA
Memory(GB): 16
OS Template: RedHat-Enterprise-Linux-7.9
OS Name: redhat
Virtual Network: ITS-SPCS-Azure-Managed-VM-PROD-122-eus
Accelerated Networking: false
CI Number: C1297489
Search Code: AM-SVLV-XA122LS610022
DB Search Code:
Is Cluster: No
Azure tags: Backup-Vault-Policy: po-vm-gold-0001
 Business_Service: SPCS Managed Service IaaS
 Cloud_Service: Managed IaaS
 Provisioned_By: UCP
 s_Ops Support Prod_OS : 200000012908
 v_OS_RHEL: 7.9

VM Status: Running
VM Size: Standard_A2m_v2
CPU Core: 2
Total Disk Size(GB): 192
OS Disk Size(GB): 128
OS Version: 7.9
Network Interface: xa122ls610022-nic
Private IP Address: 10.224.24.25
RFC Number: RFC267259
MiddleWare CI Number:
DB CI Number: ITS
Impacted BU:
VM Creation Time: s.kammone_nadimint@dhl.com
VM Provisioned By: Locked
VM Locked Status: Locked

VM Disks

Disk Name	Disk Size (GB)	Storage Account Type	Encryption Type	Encryption Name
xa122ls610022_OsDisk_1_024e109832d5426150a7da869fcbf7c	128	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus
xa122ls610022-disk1	32	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus
xa122ls610022-disk2	32	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus

[+ Add New Disk](#)

As depicted above, a new additional disk is added to this server and the data from the Azure platform is synchronized with the data in UCP.

2.9 Latest OAT Checklist

- The Latest OAT Checklist button shows the raw file version of the OAT Checklist performed on the server.

```

VM xa122ls610022 Console

2.1.1 Kernel version
Pass: Approved kernel 3.10.0-1160.36.2.el7.x86_64 found

2.2 Volume Management
2.2.1 Standard OS filesystems
Pass: / mount point found
Pass: / File system size ok
Pass: /boot mount point found
Pass: /boot File system size ok
Pass: /boot/efi mount point found
Pass: /boot/efi File system size ok
Pass: /opt mount point found
Pass: /opt File system size ok
Pass: /tmp mount point found
Pass: /tmp File system size ok
Pass: /var/crash mount point found
Pass: /var/crash File system size ok
Pass: /var/log mount point found
Pass: /var/log File system size ok

2.3 Kernel
2.3.1 Kernel parameters
Pass: net.ipv4.ip_forward = 0
Pass: net.ipv4.conf.default.proxy_arp = 0
Pass: net.ipv4.conf.all.proxy_arp = 0
Pass: kernel.sysrq = 0
Pass: net.ipv4.conf.all.accept_source_route = 0
Pass: net.ipv4.conf.default.accept_source_route = 0
Pass: net.ipv4.conf.all.accept_redirects = 0
Pass: net.ipv4.conf.default.accept_redirects = 0
Pass: kernel.nmi_watchdog = 0
Pass: net.ipv4.conf.default.rp_filter = 1
Pass: net.ipv4.conf.all.rp_filter = 1
Pass: net.ipv4.tcp_syncookies = 1
Pass: kernel.core_uses_pid = 1
Pass: net.ipv4.icmp_echo_ignore_broadcasts = 1
Pass: net.ipv4.conf.default.secure_redirects = 1
Pass: net.ipv4.conf.all.secure_redirects = 1
Pass: kernel.unknown_nmi_panic = 1
Pass: net.ipv6.conf.all.disable_ipv6 = 1
Pass: net.ipv6.conf.default.disable_ipv6 = 1
Pass: net.ipv6.conf.lo.disable_ipv6 = 1
Pass: kernel.core_pattern = /var/cores/core

2.4 Networking(NC)
2.4.1 Name resolving(NC)
Pass: /etc/resolv.conf configured with 10.224.253.88 and 10.224.253.188 nameservers

2.4.2 Chrony(NC)
Pass: /etc/chrony.conf has configured with amclock.dhl.com
  
```

3. Glossary

3.1 Definition

Terms	Abbreviation
VM	Virtual Machine
UCP	Universal Cloud Platform