

CLOUD_{4C}



UCP Manual for Server Details and Operations

CLOUD4C SERVICES PVT LTD

Document control

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Version	Approver	Date
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Change Control

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1. Introduction to UCP

Welcome to UCP user guide for Server Details & Operations

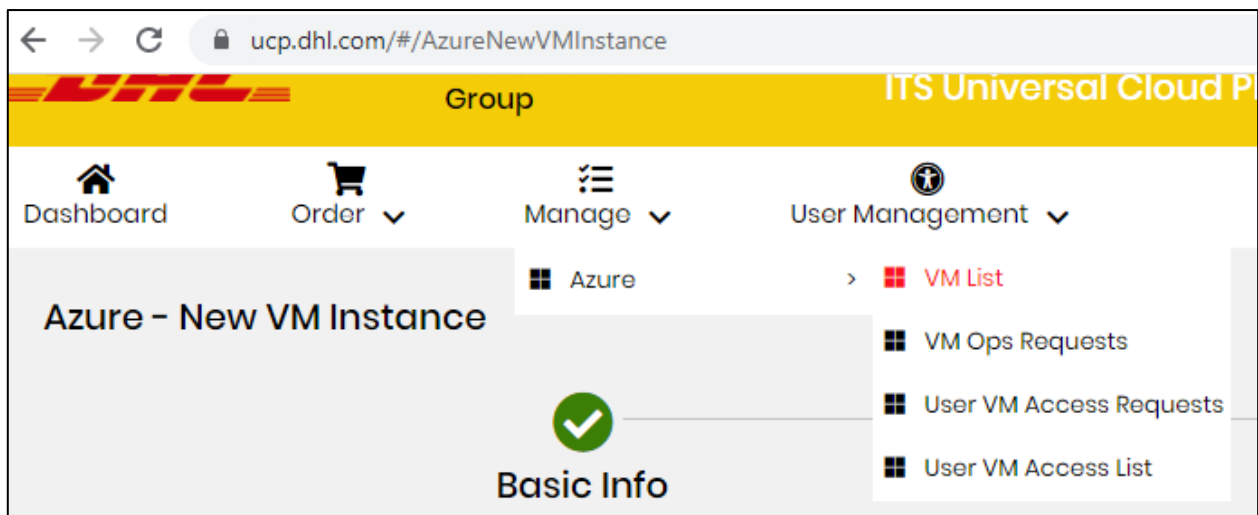
This document helps user to view the server details which has been provisioned and perform various operations.

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. Procedure

Step 1 – Navigate to Manage -> Azure -> VM List



- a. Either select by the filtering options available or Enter the hostname of the server.

Azure VMs

Subscription: 7e8e1e96-c128-42b8-a445-d18281754604 / 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 1 Next

b. 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:	xa122ws40002	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-8.4-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:	xa122ws40002-nic
Accelerated Networking:	false	Private IP Address:	10.234.80.15
CI Number:	CI2973343	RFC Number:	RFC2156968
Search Code:	AP-SVLV-XA122LS410012	MiddleWare CI Number:	CI2973344
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 IaaS Provisioned_By: UCP s_Ops Support Prod_MW: 200000012906 s_Ops Support Prod_OS: 200000012908 v_OS_RHEL: 8.4	VM Creation Time:	2022-04-20 01:44:59
		VM Provisioned By:	sai_anusha.darla@dhl.com
		VM Locked Status:	Unlock

VM Disks **+ Add New Disk**

Disk Name	Disk Size (GB)	Storage Account Type	Encryption Type	Encryption Name
xa122ws210120	128	StandardSSD_LRS	EncryptionAtRestWithCustomerKey	des-prod-aviation-weu
xa122ws210120-Additional-Disk	16	StandardSSD_LRS	EncryptionAtRestWithCustomerKey	des-prod-aviation-weu
xa122ws210120-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	Safename	IP Address	Platform Id
1	adminitservice_w1	AADMIN_GLOBAL_WEBL_EU	10.156.36.123	Linux-SAP
2	sadminits	SADMIN_GLOBAL_EU	10.156.36.123	Linux-SAP

Cyberark Application users




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

Azure Portal OAT Checklist:	
Disk Encryption	Passed: Enabled with CMK
Backup Details	
	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

Step 2 – A **TEAM MEMBER** can to reboot the server by clicking on the REBOOT Button


 **VM Details**

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

 **Reboot**  **Decommission**  **Resize**

VM Name : xa122ls210120



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



Are you sure?

Cancel **Yes, Send Reboot Request!**

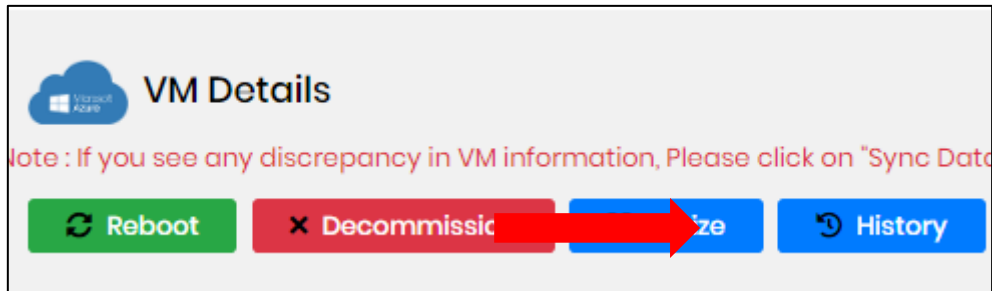
- b. Clicking on Yes, Send Reboot Request the request goes for an approval to the **TEAM MANAGER**

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  

- c. Once the **TEAM MANAGER** approves & submits the requested action, the server reboots. 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
					Proceed

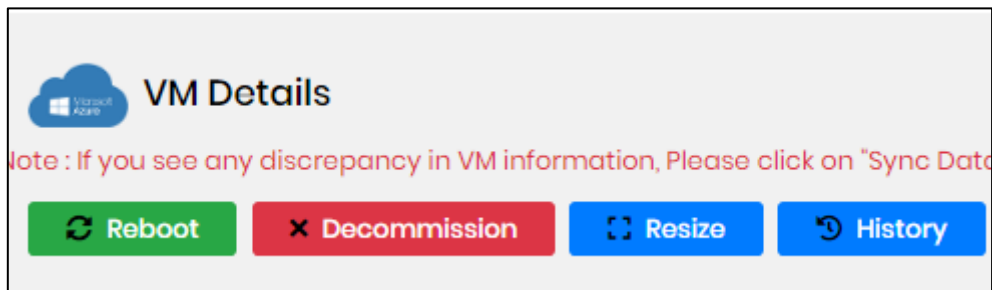
- d. Once the reboot is completed, clicking on the HISTORY button will share the status of the action performed.



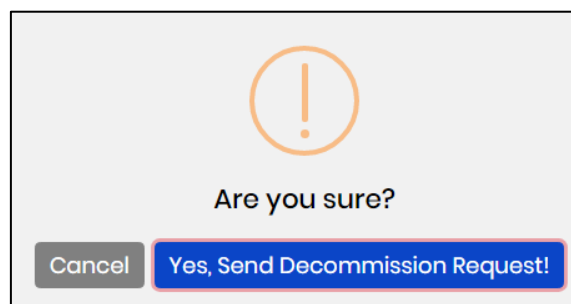
VM History			
SL	Vm Name	Description	Log Time
1	xa122ls210120	restart - Running VM Completed	2022-04-25 11:35 PM
2	xa122ls210120	VM restart requested	2022-04-25 11:33 PM

Operation 2 – Decommissioning the 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

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

Deutsche Post DHL Group

ITS Universal Cloud Platform

Dashboard
Order
Manage
User Management

Deployment Information

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

SAP Linux - Decommission
IAAS Linux - Decommission
IAAS Linux DB - Decommission
IAAS Linux Weblogic - Decommission
IAAS Linux Cluster - Decommission
IAAS Linux Without Disk - Decommission
IAAS Linux Cluster Without Disk - Decommission

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

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


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

Operation 3 – Resize

- For example let us select a virtual machine with hostname xa122ls610022 which has a base machine size of “Standard_A1_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_A1_v2			

- 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

RebootDecommissionResize

- 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

UpdateClose

Show entries 10

	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

12345678

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.

The screenshot shows the 'VM Ops Requests' section of the UCP Server details and Operations dashboard. The top navigation bar includes 'Dashboard', 'Order', 'Manage', and 'User Management'. The 'Manage' dropdown is open, showing 'Azure' and 'VM List'. The 'VM List' dropdown is also open, showing 'VM Ops Requests', 'User VM Access Requests', and 'User VM Access List'. The 'Status' filter is set to 'ALL'. A search bar is present. Below the filters, there are 25 numbered tabs (1-25). The 'Request Information' section shows: Type: Re-Size, VM Name: xa122ls610022, Raised By: s.kammane_nadiminti@dhl.com, Status: Pending. The 'Approval details' section shows: Request Raised Date: 2022-04-25 10:09:39, Level Number: 1, Status: Pending. There are 'Approve' and 'Reject' buttons.

- 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"

The screenshot shows the 'VM Details' section of the UCP Server details and Operations dashboard. The top navigation bar includes 'Reboot', 'Decommission', 'Resize', 'History', 'Latest OAT Checklist', 'Re-run OAT checklist', and 'Lock'. The 'VM Name' is xa122ls610022, 'VM Location' is eastus, 'Resource Group' is RG-ITS-POC-CHLCA, and 'Memory(GB)' is 16. The 'VM Status' is Running, 'VM Size' is Standard_A2m_v2, 'CPU Core' is 2, and 'Total Disk Size(GB)' is 160.

Operation 4 – Re-run OAT Checklist

- a. Operational Acceptance Test (OAT) Checklist is the list that validates the readiness and the internals of the server.
- b. By default every server undergoes OAT checklist during the provisioning process.
- c. A user may Re-Run the OAT Checklist after performing changes to the template.
- d. 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 screenshot shows the 'OAT Checklist' section of the UCP Server details and Operations dashboard. It features two buttons: 'Latest OAT Checklist' and 'Re-run OAT checklist'.

- e. 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

The screenshot shows the 'Deployment Information' section of the UCP Server details and Operations dashboard. The top navigation bar includes 'Linux Provisioning', 'Windows Provisioning', 'Linux Decommission', 'Windows Decommission', 'User Onboarding', and 'Other Jobs'. The 'Other Jobs' dropdown is open, showing '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', and 'IAAS-Windows SQL OAT Rerun'. The 'IAAS-Linux OAT Rerun' button is highlighted. Below the dropdown, there is a table with columns: Build No., Build Status, Vm Name, and Actions. The table shows one row with Build No. 16, Build Status In-Progress, Vm Name xa122ls610022, and a 'Console Output' button.

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 C

IAAS Windows DB Add Disk

1

Build No.	Build Status	Vm Name	Actions
16	SUCCESS	xa122ls610022	<div>Console Output</div>

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

- f. 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}****Operation 5 – Add New Disk**

- a. An additional disk can be added to an already provisioned server by clicking on Add New Disk.

For Linux images

- i. Disk Storage type
- ii. Disk size
- iii. Disk Host Caching and
- iv. Mountpoints 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*	Mount Point Label 1*	Size 1*
/app/test	apptest	10 GB +

Submit

- The request is then forwarded to the **TEAM MANAGER** for approval.
- Once the **TEAM MANAGER** approves and submits the request, the addition of new disk begins.

Deployment Information							
<div>Linux Provisioning Windows Provisioning Linux Decommission Windows Decommission User Onboarding Other Jobs</div>							
<div>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</div>							
<div>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22</div>							
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	<button>Console Output</button>

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
xa122ls610022-disk2	32	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus

OAT Checklist

Operation 6 – Lock / unlock a server

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

Welcome
Sai Krishna Kamma

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 :

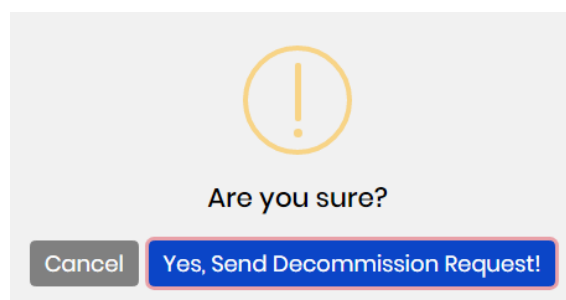
Impacted BU : ITS

VM Creation Time : 2022-04-25 20:19:37

VM Provisioned By : s.kammane_nadiminti@dhl.com

VM Locked Status : Locked

- Clicking on Decommission status returns the following notification



Welcome
Sai Krishna Kamma

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.kammane_nadiminti@dhl.com
VM Locked Status : Locked

Operation 7 – Sync Data from Azure

- This button allows the user to fetch the latest status and details from Azure.
- 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 : rhel7.9
Virtual Network : ITS-SPCS-Azure-Managed-VM-PROD-122-eus
Accelerated Networking : false
CI Number : C1297489
Search Code : AM-SVLY-XA122LS610022
Is Cluster : No
Azure tags : Backup-Vault-Policy: po-vm-gold-0001
 Business_service: SPCS Managed Service loads
 Cloud_service: Managed loads
 Provisioned_By: UCP
 s_Opi 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.kammane_nadiminti@dhl.com
VM Locked Status : Locked

Add New Disk

VM Disks

Disk Name	Disk Size (GB)	Storage Account Type	Encryption Type	Encryption Name
xal22ls610022_OsDisk_1_024e109832d542d1b0a7da869fecb7fc	128	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus
xal22ls610022-disk1	32	Standard_LRS	EncryptionAtRestWithCustomerKey	des-prod-its-eus

OAT Checklist

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 load5
Cloud_Service: Managed load5
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:
VM Provisioned By: s.kammone_nadiminti@dhl.com
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.

Operation 8 – 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_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)
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 Macine
UCP	Universal Cloud Platform