

AWS Application Migration Service Workshop

Michael Lin
Sr. Solutions Architect
Amazon Web Services



<https://ppt.cc/f2bEox>

Migration Immersion Day

- ▶ Migration Acceleration Program
- ▼ Re-Host & Re-Platform
 - ▶ Getting Started
 - ▶ Application Discovery Service
- ▼ MGN
 - Configure AWS MGN Service
 - Configure Default Target Templates
 - Create AWS Replication Agent IAM User
 - Install the AWS Replication Agent
 - AWS MGN Migration Life Cycle
 - Launch Test Instance
 - Shutdown Source Environment
 - Launch Cutover Instance

Content preferences

Language

English

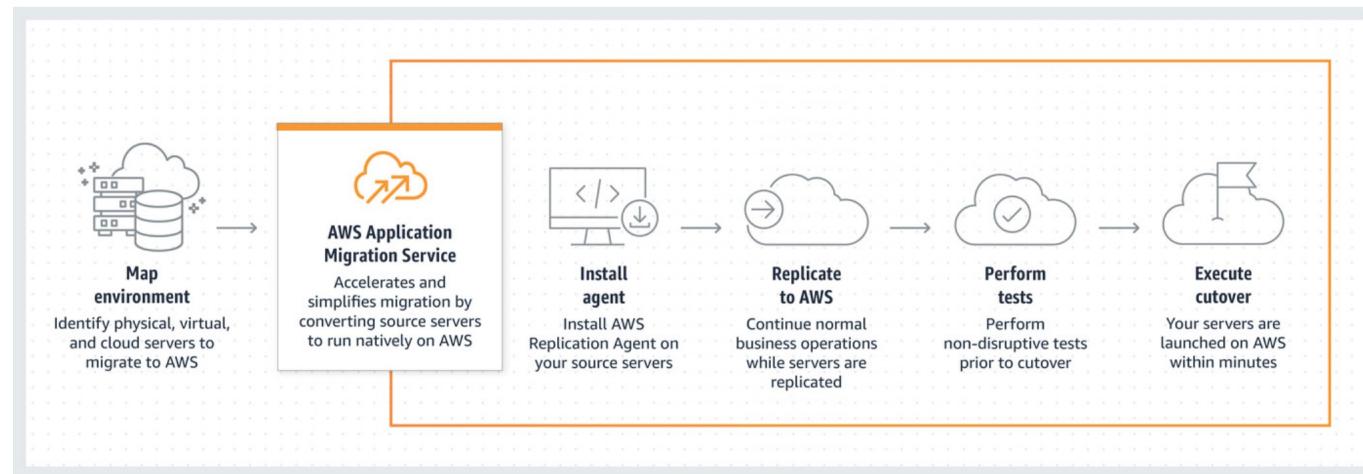


MGN

AWS Application Migration Service (AWS MGN) is a highly automated solution that simplifies, expedites, and reduces the cost of migrating and modernizing applications. It allows companies to migrate a large number of physical, virtual, and cloud servers without compatibility issues, performance disruption, or long cutover windows. AWS MGN continuously replicates source servers to your AWS account. When you're ready, it automatically converts and launches your servers on AWS so you can quickly benefit from the cost savings, productivity, resilience, and agility of the Cloud. In addition, AWS MGN allows you to modernize launched applications by running preconfigured actions.

You can get started with MGN accessing the [AWS Console](#)

How it works?



Lab Steps: Getting Started

- Login to the Workshop Studio
- Connect to the Bastion Host

<https://ppt.cc/fqlEbX>

catalog.us-east-1.prod.workshops.aws/sign-in?redirect=%2Fjoin%3Faccess-code%3Db7ed-0d0651-7a



[Workshop Studio](#) > Sign in

Sign in

Choose a preferred sign-in method

Email one-time password (OTP)

Enter your personal or corporate email to receive a one-time password

Login with Amazon

Login with your Amazon.com retail account

Amazon employee

Login with your Amazon Corporate account. Only for Amazon Employees.



One-time email passcode

[Send a passcode to the email below.](#)

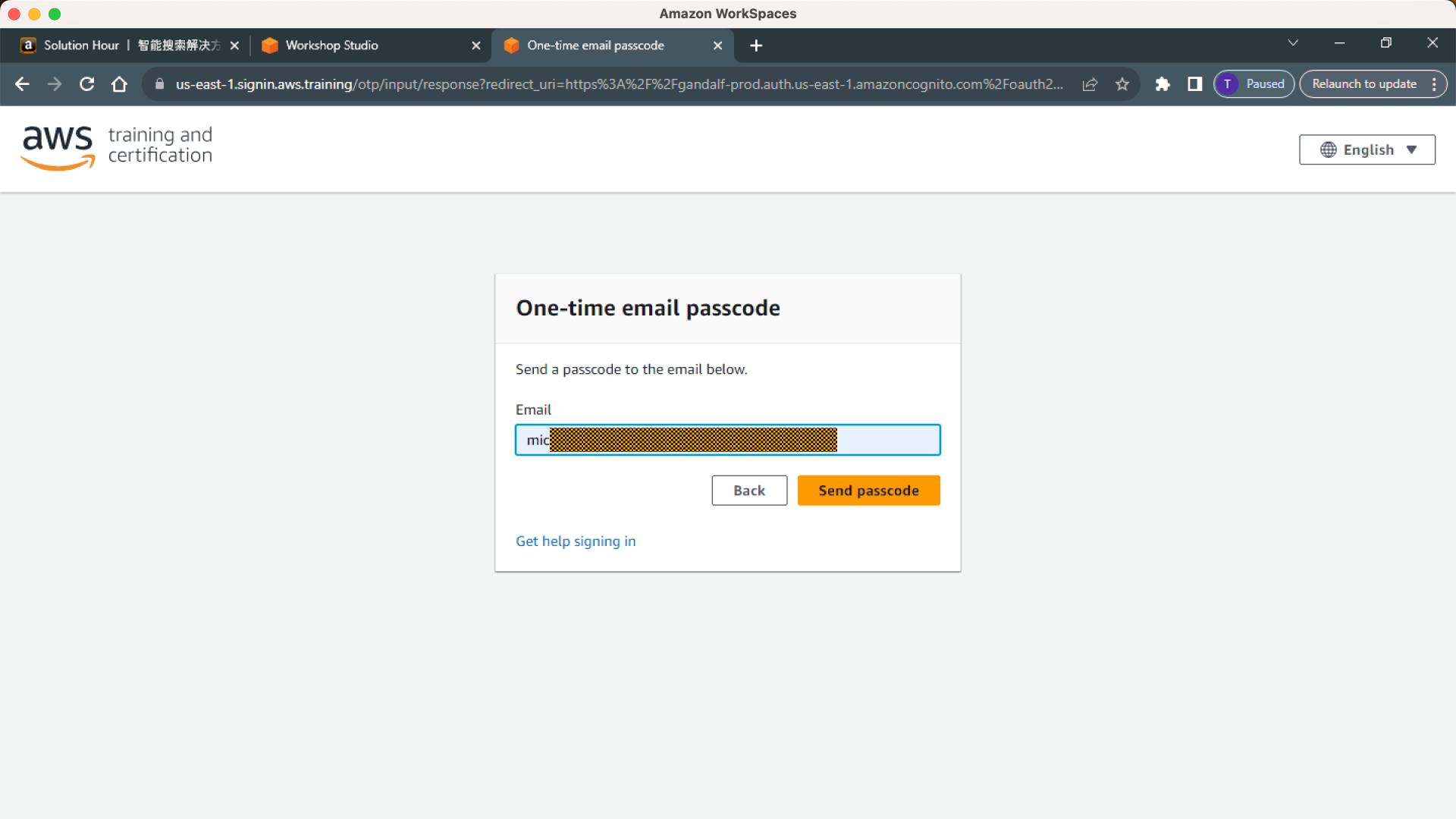
Email

ANSWER The answer is 1000.

Back

[Send passcode](#)

[Get help signing in](#)





us-east-1.signin.aws.training/otp/challenge?redirect_uri=https%3A%2F%2Fgandalf-prod.auth.us-east-1.amazoncognito.com%2Foauth2%2Fid...



English ▾

One-time email passcode

We sent a passcode to michael_tw_lin@msn.com. You should receive it within 5 minutes.

Passcode (9-digit) [Resend passcode](#)

[Back](#)[Sign in](#)[Get help signing in](#)



us-east-1.signin.aws.training/otp/challenge?redirect_uri=https%3A%2F%2Fgandalf-prod.auth.us-east-1.amazoncognito.com%2Foauth2%2Fid...



English ▾

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03



[Back](#)

[Sign in](#)

[Get help signing in](#)



Workshop Studio > Join event

Step 1

[Enter event access code](#)

Step 2

Review and join

Review and join

Event details

Name

L [REDACTED]

Start time

9/19/2023 01:00 AM

Duration

72 hours

Level

400

Description

LeadtekWorshop

Terms and Conditions

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Country or region

Minimum age

All countries or regions not listed below (including the United States, Brazil, the United



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MGN_DryRun



Event ends in 2 days 21 hours 54 minutes.

[Event dashboard](#) > Migration Immersion Day

Event information

Start time	Duration
10/01/2023 06:21 PM	72 hours

Accessible regions
us-west-2, us-east-1

Description
MGN_DryRun

AWS account access

[Open AWS console
\(us-west-2\)](#)[Get AWS CLI credentials](#)[Get EC2 SSH key](#)

Content preferences

Language

[English](#)[Exit event](#)[Get started >](#)

Workshop

Title	Complexity level	AWS services	Topics
Migration Immersion Day	300	AWS Application Migration Service, AWS Database Migration Service	Compute, Databases, Migration & Transfer

Description

Migration Immersion Day is an initiative that simulates an on-premises environment and allow customers to perform a migration to AWS. The flow is aligned with MAP best practices and includes activities from Assess, Mobilize and Migrate & Modernize phases



Services

Search

[Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor

CloudWatch

Console Home Info

Reset to default layout

+ Add widgets

Recently visited Info

Step Functions

Systems Manager

AWS Cost Explorer

Resource Groups & Tag Editor

Billing

AWS Snow Family

Lambda

RDS

API Gateway

Database Migration Service

IAM

EC2

Cloud9

[View all services](#)

Welcome to AWS



Getting started with AWS

Learn the fundamentals and find valuable information to get the most out of AWS.



Training and certification

Learn from AWS experts and advance your skills and knowledge.



What's new with AWS?

Discover new AWS services, features, and Regions.

AWS Health InfoCost and usage Info

MGN_DryRun



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[Event dashboard](#) > Migration Immersion Day

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[Get started >](#)

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AWS account access

[Open AWS console
\(us-west-2\)](#)[Get AWS CLI credentials](#)[Get EC2 SSH key](#)

Content preferences

Language

[English](#)[Exit event](#)

0439 - Amazon Bedrock Works | [Internal] Amazon Bedrock han... | Workshop Studio | MGN_DryRun | Connect to instance | EC2 | us-... | +

catalog.us-east-1.prod.workshops.aws/event/dashboard/en-US/workshop/rehost/gettingstarted/explore-your-environment/architectural-overview

aws workshop studio

Migrate

Re-Host & Re-Platform

Getting Started

Connect to the Lab Environment

Connect to the Bastion Host

Explore your environment

Architectural reference

Explore your environment

Tips

Application Discovery

AWS account access

Open AWS console (us-west-2)

Get AWS CLI credentials

Get EC2 SSH key

Content preferences

Language English

Exit event

EC2 SSH key

Key name: ws-default-keypair

[Download key pair](#)

Fingerprint

89:27:fd:57:9a:56:a7:a3:d9:a0:ca:cd:24:3a:2d:24:4e:49:0e:b8

Private key

```
-----BEGIN RSA PRIVATE KEY-----  
MIIEowIBAAKCAQEAsqq2r616ybufa3QaEd7x9zXysf6CKFp7k9T4xDTFmUnrzayu  
vDRg4XcGvNTDXRl48fVEKcmcv18FK+sRQXTISFLi1/n1/6HHLB5jj75kQB+T3eU  
R/RvSE0IV70hu1CjnkwN6xpEgp+tvJLDvMNEkDPKrhpYCwaz3iWxKW/X70o9zb  
u6kpDr3pk9ijktSRmvXFFXWlgVxSSUZ7Amo2orf0LtsauKUTV8+76CPeL/qZRG+d  
GPPgEDjI02KVEUYJvfku1tM+PiYyZEMPqv5qPB4J548iSTnkpwIrJdJgxRijWN  
QoN9fxAxERWE5Ca/QsFCFc1cl+ExBm3fRr0MyQIDAQABAOIBAHVH8pvneM6rxr42  
ffZ2zsBvENwf4VaSEgNjN3qtZXEx/ZbahQCjZD5VXGI+CcbAURHvv0ArOOX/S/UXm  
9OJqlG12/aw0zKDQh81h2msl05GEK0BjuiC39/KEUvgsqyHSJaPjZ6cioahNQT  
Kj9LEZkycRmF4pFNk27JISguPEcx00wPzMLyu03RzhS0g4MOPDMk1ccJtsLFLzts  
xs1n840e51NjrookTeejRT5drRN9L7KcK3MKGYdMBLXo9hsQfKEJZxeJ5+gwdoAU  
KH3WazVnv8yjhJg7PM74mcPct33foloJhMsdxWNF+ASCQGzfTBOKqJttOwhzm1Ha  
gtvXNPECgyEA1rIF0Sh4xjsjnFcMF2RUx61+wlsh8dyKFWjxhI/9+kfOCK3kbg  
Pw03BQXQ/yK4k6PlMBVRxEIdsvgn38RFHENpJ1g-lm1DuudcztYqgrKE6MTese  
ZAg9FQ03M+NvNUj3xSuIiKy41Y8enWTQJm/wYcz9Nh1zsEATQwzqCgYEAIQo/  
EZw21M1pzDOJcwmt7byUrogblk4v-JYni0Tx+3FQXgQ6E9iiaoa80hj1mZjps+Xcn  
111EUTEeZ/xs1y519CayEdkmQjdMHB56/3HflnoyeIIBU3EB7w5xIO016xSGZVN  
sFrBjg3uatEfXg94C0HOIKOpLvxOs62HsDqepw8CgYEArZDilwnFEC3CDz8L5Vzy  
1tOCxQmBldMftvb3uvoc50+OVQ0bv62f0zHpmhPXsEtrmMApkSxQhE5P1NKjt6fM  
M0o3Bgl4Wn04jv9QxQ87sgRZnqZbu0RXH1uhfc/4gz+GdpppFbbmcPA80wImRuo  
Br3ockeiX2MGRHKLfeWj4UCgyA4hDFbbBcb07NjcsCh/hd1WV0LfocK9dyEROIh
```

ws-default-keypair.pem
1,674 B • Done

Michael Lin

Lab Steps: Getting Started

- Login to the Workshop Studio
- Connect to the Bastion Host

Event Engine - Team Dashboard X Application Migration Service X Migration Immersion Day X +

catalog.workshops.aws/migrationimmersionday/en-US/rehost/gettingstarted/connect-to-bastion

Incognito Update

aws workshop studio

Migration Immersion Day X

- ▶ Migration Acceleration Program
- ▼ Re-Host & Re-Platform
 - ▼ Getting Started
 - Connect to the Lab Environment
 - Connect to the Bastion Host**
 - ▶ Explore your environment
 - Tips
 - ▶ Application Discovery Service
 - ▶ MGN
 - ▶ DMS
 - Cleanup
 - ▶ Cloud Migration Factory
 - ▶ Legacy Modernization
 - ▶ AWS Partner Network (APN)
 - ▶ Technology Partner Tools
- ▼ Content preferences
 - Language

Migration Immersion Day > Re-Host & Re-Platform > Getting Started > Connect to the Bastion Host

Connect to the Bastion Host

Now that you have access to the AWS account, follow the steps to connect to the bastion host:

If you are using Event engine (Lab account) and in a AWS instructor led workshop, please expand the Event Engine steps below

▼ Event Engine (Lab account) steps

EventEngine - Connect to the Bastion Host.

1. Connect to the bastion host using the information provided in the EventEngine team dashboard. To connect to a Windows Remote Desktop, use the following software depending on your Operating System:
 - **Windows computers:** Run MSTSC.exe command to open the Remote Desktop Client.
 - **Mac computers:** [Remote Desktop 10](#)
 - **Linux computers:** [Remmina](#)

Migrations - Base Infra

Outputs:

Bastion host IP
3 ↗

Bastion host password

Readme



Services

Q ec2



Oregon

TeamRole/MasterKey @ 8905-4715-0164

Services (12)

Features (53)

Resources New

Blogs (1,932)

Documentation (27,608)

Knowledge Articles (30)

Tutorials (20)

Events (31)

Marketplace (2,266)

Search results for 'ec2'

Services

See all 12 results ▶



EC2 ☆

Virtual Servers in the Cloud



EC2 Image Builder ☆

A managed service to automate build, customize and deploy OS images



Amazon Inspector ☆

Continual vulnerability management at scale



AWS Firewall Manager ☆

Central management of firewall rules

Features

See all 53 results ▶

Dashboard

EC2 feature

Limits

EC2 feature

Event Engine - Team Dashboard X | Dashboard | EC2 Management X | Migration Immersion Day X | +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Home:

Services Search [Option+S] AWS Services Oregon TeamRole/MasterKey @ 8905-4715-0164

New EC2 Experience Tell us what you think

EC2 Dashboard

- EC2 Global View
- Events
- Tags
- Limits
- Instances**
 - Instances
 - Instance Types
 - Launch Templates
 - Spot Requests
 - Savings Plans
 - Reserved Instances
 - Dedicated Hosts
 - Scheduled Instances
 - Capacity Reservations
- Images**
 - AMIs
 - AMI Catalog
- Elastic Block Store**
 - Volumes

Resources

You are using the following Amazon EC2 resources in the US West (Oregon) Region:

Instances (running)	6	Auto Scaling Groups	0	Dedicated Hosts	0
Elastic IPs	3	Instances	6	Key pairs	1
Load balancers	0	Placement groups	0	Security groups	11
Snapshots	0	Volumes	6		

Supported platforms

- VPC

Default VPC

vpc-08f6c50f527f38eb4

Settings

- EBS encryption
- Zones
- EC2 Serial Console
- Default credit specification
- Console experiments

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Service health

AWS Health Dashboard

Region: US West (Oregon)

Status: **This service is operating normally**

Explore AWS

Save up to 90% on EC2 with Spot Instances

Optimize price-performance by combining EC2 purchase options in a single EC2 ASG. [Learn more](#)

10 Things You Can Do Today to Reduce AWS Costs

Explore how to effectively manage your AWS costs without compromising on performance or

Account attributes

C

Event Engine - Team Dashboard X Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:instanceState=running

Incognito Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Hostname type IP address: 102.168.0.47 us-west-2 compute internal

Instances (1/6) Info

C Connect Instance state Actions Launch instances

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Publ	
<input checked="" type="checkbox"/> MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms	+	us-west-2a	ec2-
<input type="checkbox"/> MID-Wordpres...	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms	+	us-west-2a	-
<input type="checkbox"/> MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms	+	us-west-2a	-
<input type="checkbox"/> MID-Wordpres...	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms	+	us-west-2a	-
<input type="checkbox"/> MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms	+	us-west-2a	-
<input type="checkbox"/> DO-NOT-TOU...	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms	+	us-west-2a	-

Instance: i-0606caaed9fc4c82b (MID-Bastion)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID i-0606caaed9fc4c82b (MID-Bastion)	Public IPv4 address 44.228.139.179 open address ↗	Private IPv4 addresses 192.168.0.47
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-44-228-139-179.us-west-2.compute.amazonaws.com open address ↗
Hostname type	Private IP DNS name (IPv4 only)	



Connect to instance Info

Connect to your instance i-0606caaed9fc4c82b (MID-Bastion) using any of these options

Session Manager

RDP client

EC2 serial console



We weren't able to connect to your instance. Common reasons for this include:

1. SSM Agent isn't installed on the instance. You can install the agent on both [Windows instances](#) and [Linux instances](#).
2. The required [IAM instance profile](#) isn't attached to the instance. You can attach a profile using [AWS Systems Manager Quick Setup](#).
3. Session Manager setup is incomplete. For more information, see [Session Manager Prerequisites](#).

Session Manager usage:

- Connect to your instance without SSH keys or a bastion host.
- Sessions are secured using an AWS Key Management Service key.
- You can log session commands and details in an Amazon S3 bucket or CloudWatch Logs log group.
- Configure sessions on the Session Manager [Preferences](#) page.

Cancel

Connect



Services

Search

[Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾



Resource Groups & Tag Editor

CloudWatch

EC2 > Instances > i-0179367f66e8fdd43 > Connect to instance

Connect to instance Info

Connect to your instance i-0179367f66e8fdd43 (MID-Bastion) using any of these options

Session Manager

RDP client

EC2 serial console

Instance ID

[i-0179367f66e8fdd43 \(MID-Bastion\)](#)

Connection Type

 Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

 Connect using Fleet Manager

Connect to your instance using Fleet Manager Remote Desktop.

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

[Download remote desktop file](#)

When prompted, connect to your instance using the following details:

Public DNS

[ec2-44-238-12-195.us-west-2.compute.amazonaws.com](#)

User name

Administrator



0439 - Amazon Bedrock Works X | [Internal] Amazon Bedrock han... X | Workshop Studio X | MGN_DryRun X | Connect to instance | EC2 | us-... X +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#ConnectToInstance:instanceId=i-0179367f66e8fdd43

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Instance ID
i-0179367f66e8fdd43 (MID-Bastion)

Connection Type

Connect using RDP client
Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager
Connect to your instance using Fleet Manager Remote Desktop.

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

[Download remote desktop file](#)

When prompted, connect to your instance using the following details:

Public DNS
ec2-44-238-12-195.us-west-2.compute.amazonaws.com

User name
Administrator

Password [Get password](#) 

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Cancel

0439 - Amazon Bedrock Works | [Internal] Amazon Bedrock han... | Workshop Studio | MGN_DryRun | Get windows password | EC2 | Paused

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#GetWindowsPassword:instanceId=i-0179367f66e8fdd43;previousPlace=ConnectToInstance

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

EC2 > Instances > i-0179367f66e8fdd43 > Get Windows password

Get Windows password Info

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID
 [i-0179367f66e8fdd43 \(MID-Bastion\)](#)

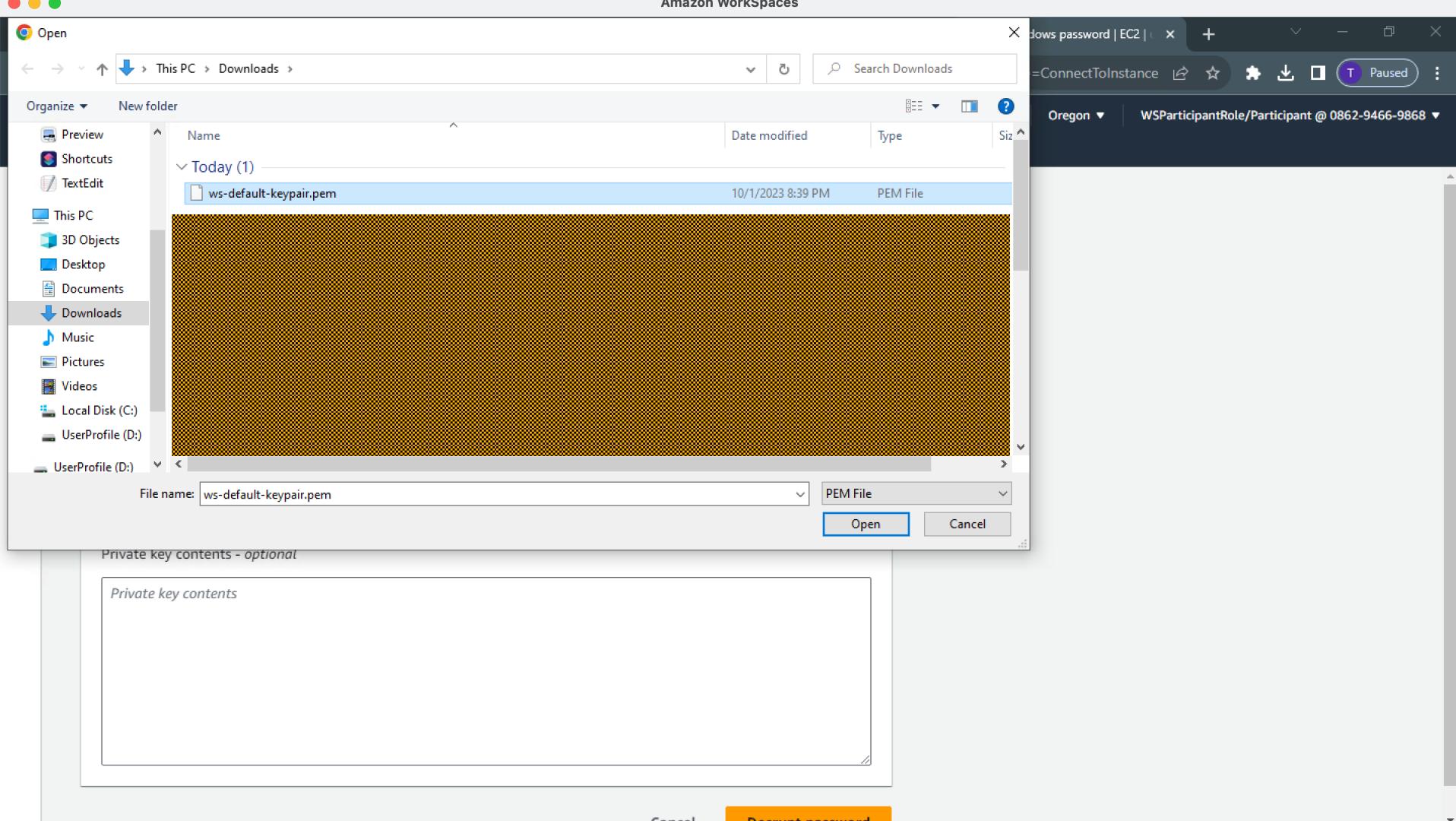
Key pair associated with this instance
 [ws-default-keypair](#)

Private key
Either upload your private key file or copy and paste its contents into the field below.



Private key contents - optional

Private key contents





Services

Search

[Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor

CloudWatch

EC2 > Instances > i-0179367f66e8fdd43 > Get Windows password

Get Windows password Info

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID

i-0179367f66e8fdd43 (MID-Bastion)

Key pair associated with this instance

ws-default-keypair

Private key

Either upload your private key file or copy and paste its contents into the field below.

ws-default-keypair.pem

1.674KB

Private key contents - *optional*

```
-----BEGIN RSA PRIVATE KEY-----  
MIIEowIBAAKCAQEAsqq2r616ybufa3QaEd7x9zXysf6CkFp7k9t4XdTFmUnrzayu  
vDRg4XcGvWTDxRl48fVEKcmcvl8FK+sRQXTISFLi1/n1/6HHLB5jj75kQB+T3eU  
R/RvSE0IV7OhuV1cjnwkmN6xpEgp+tvJLDvMWEkDPKrhpYCWaZ3iWXKW/X70o9Zb  
u6KpDr3Pku9iJktSRmvXFFXWgwXsSUZ7Amo2orfOLTsaUKuTVB+76CPeL/qZRG+d  
GPpGEDjIO2KVeUyJvfXuNltM+wPYyFZEMPPqv5qPB4J548iSTnkpwlrJdJgXRijWN  
QoN9fAxERWE5cA/QsFCqcF1cl+ExBm3fRr0MyQIDAQABAoIBAHVH8pvneM6rxr42  
fFZ2zsxEWwf4VaSEgNjN3qtZXEx/ZbahQCJzD5VxGI+CcbAURHwv0ArOOX/S/Uxm
```



0439 - Amazon Bedrock Works x | [Internal] Amazon Bedrock han x | Workshop Studio x | MGN_DryRun x | Get windows password | EC2 | Paused : us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#GetWindowsPassword:instanceId=i-0179367f66e8fdd43;previousPlace=ConnectToInstance

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Get Windows password Info

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID

Key pair associated with this instance

Private key

Either upload your private key file or copy and paste its contents into the field below.

ws-default-keypair.pem 1.674KB

Private key contents - *optional*

```
-----BEGIN RSA PRIVATE KEY-----  
MIIEowIBAAKCAQEAsqq2r616ybufa3QaEd7x9zXysf6CkFp7k9T4XdTFmUnrzayu  
vDRg4XcGvWTDxRl48fVEKcmcuvl8FK+sRQXTISFLi1/n1/6HHLB5jj75kQB+T3eU  
R/RvSE0IV7OhuV1cjnwkmN6xpEgp+tvJLDvMWEkDPKrhpYCWaZ3iWXKW/X70o9Zb  
u6KpDr3Pku9iJktSRmvXFFXWgwXsSUZ7Amo2orFBOLTsaUKuTVB+76CPeL/qZRG+d  
GPpGEDjIO2KVEuYJvfXuNltM+wPyFZEMPqv5qPB4J548iSTnkpwlrJdJgXRijWN  
QoN9fAxERWE5cA/QsFCqcF1cl+ExBm3fRr0MyQIDAQABAoIBAHVH8pvneM6rxr42  
fFZ2zsENwf4VaSEgNJN3qtZXEx/ZbahQCJzD5VxGI+CcbAURHwv0ArOOX/S/Uxm
```





Services

Search

[Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor CloudWatch

i-0179367f66e8fdd43 (MID-Bastion)

Connection Type

 Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

 Connect using Fleet Manager

Connect to your instance using Fleet Manager Remote Desktop.

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

 [Download remote desktop file](#)

When prompted, connect to your instance using the following details:

Public DNS

ec2-44-238-12-195.us-west-2.compute.amazonaws.com

User name

Administrator

Password

HaMpc785m3IS!U\$8EC@sVFHe*fUJaEb

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Cancel

Connect to instance Info

Connect to your instance i-0606caaed9fc4c82b (MID-Bastion) using any of these options

[Session Manager](#)[RDP client](#)[EC2 serial console](#)

Instance ID

i-0606caaed9fc4c82b (MID-Bastion)

Connection Type

Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager

To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

 [Download remote desktop file](#)



When prompted, connect to your instance using the following details:

Public DNS

ec2-44-228-139-179.us-west-2.compute.amazonaws.com

User name

Administrator



Connect to instance Info

Connect to your instance i-0606caaed9fc4c82b (MID-Bastion) using any of these options

Session Manager

RDP client

EC2 serial console

Instance ID

i-0606caaed9fc4c82b (MID-Bastion)

Connection Type

Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager

To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

[Download remote desktop file](#)

When prompted, connect to your instance using the following details:

Public DNS

ec2-44-228-139-179.us-west-2.compute.amazonaws.com

User name

Administrator

Feedback

Language



MID-Bastion.rdp



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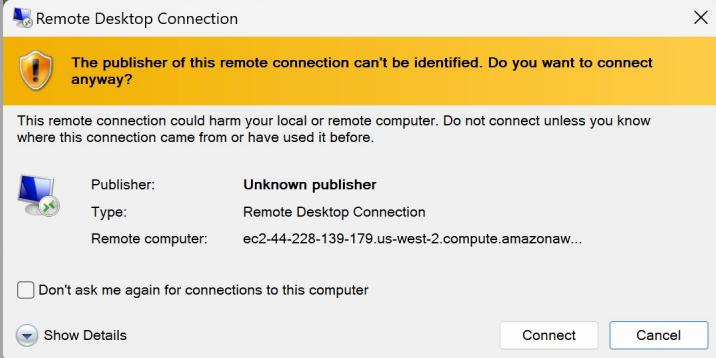
Privacy

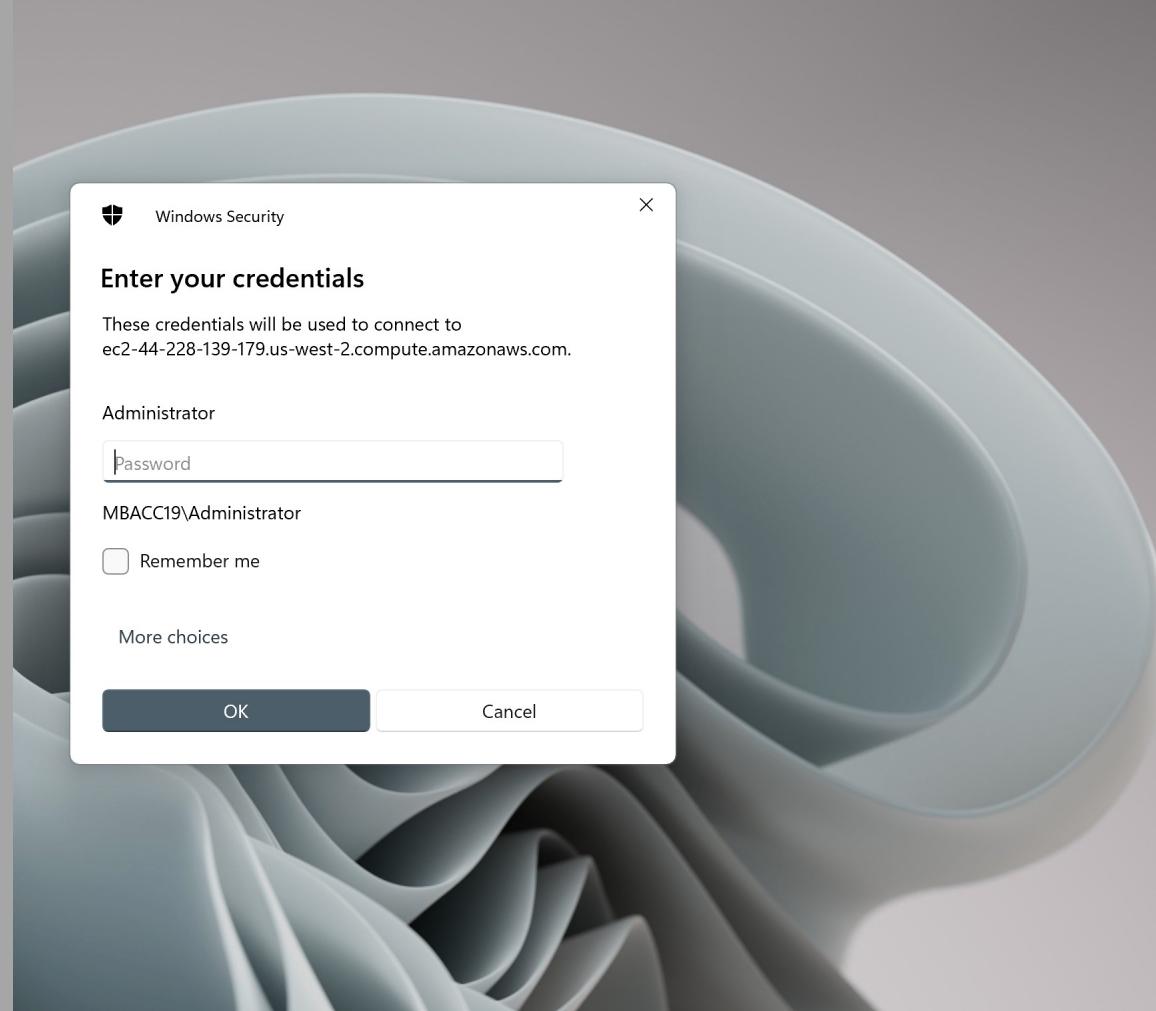
Terms

Cookie preferences

Show All









Services

Search

[Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor CloudWatch

i-0179367f66e8fdd43 (MID-Bastion)

Connection Type

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 [Download remote desktop file](#)

When prompted, connect to your instance using the following details:

Public DNS

ec2-44-238-12-195.us-west-2.compute.amazonaws.com

User name

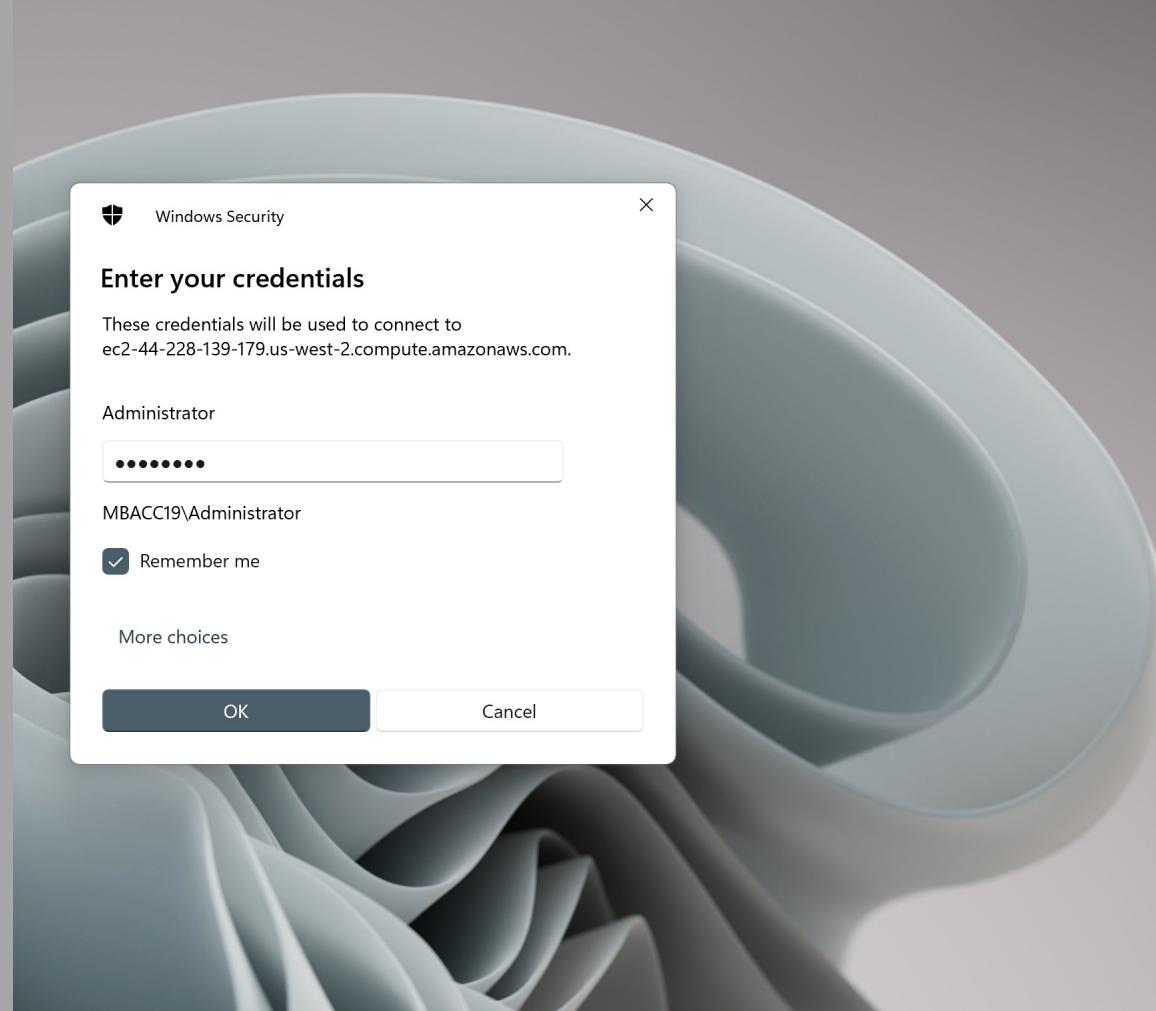
Administrator

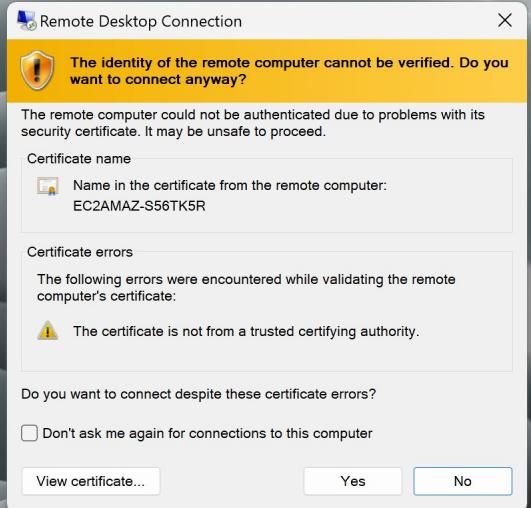
Password

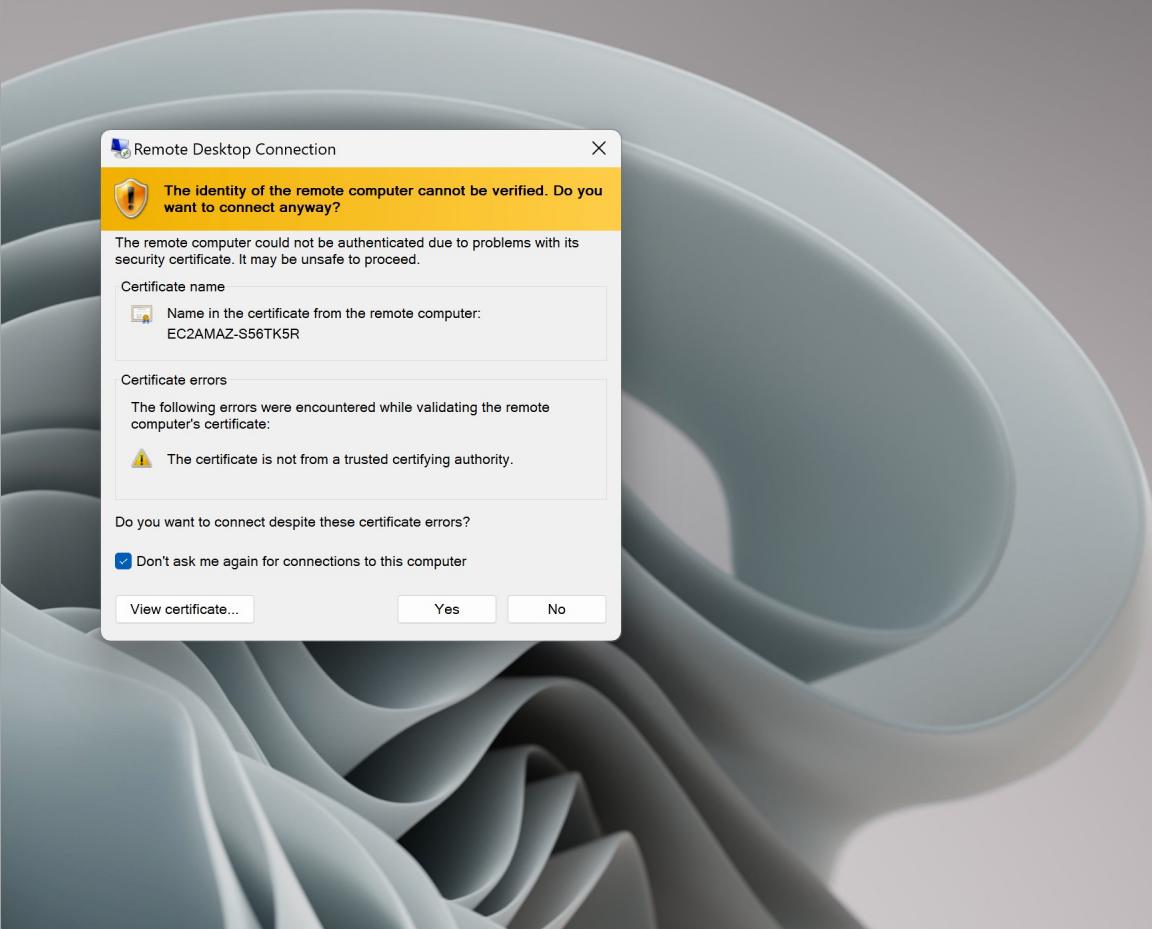
HaMpc785m3IS!U\$8EC@sVFHe*fUJaEb

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Cancel









Recycle Bin



Google
Chrome



Architecture



EC2
Feedback



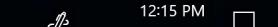
EC2
Microso...



Microsoft
Remote...



Putty



12:15 PM

Migration Immersion Day

► Migration Acceleration Program

▼ Re-Host & Re-Platform

▼ Getting Started

 Connect to the Lab

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 Connect to the Bastion Host

▼ Explore your environment

Architectural reference

 Explore your environment

 Tips

► Application Discovery Service

► MGN

► DMS

 Cleanup

► Cloud Migration Factory

► Legacy Modernization

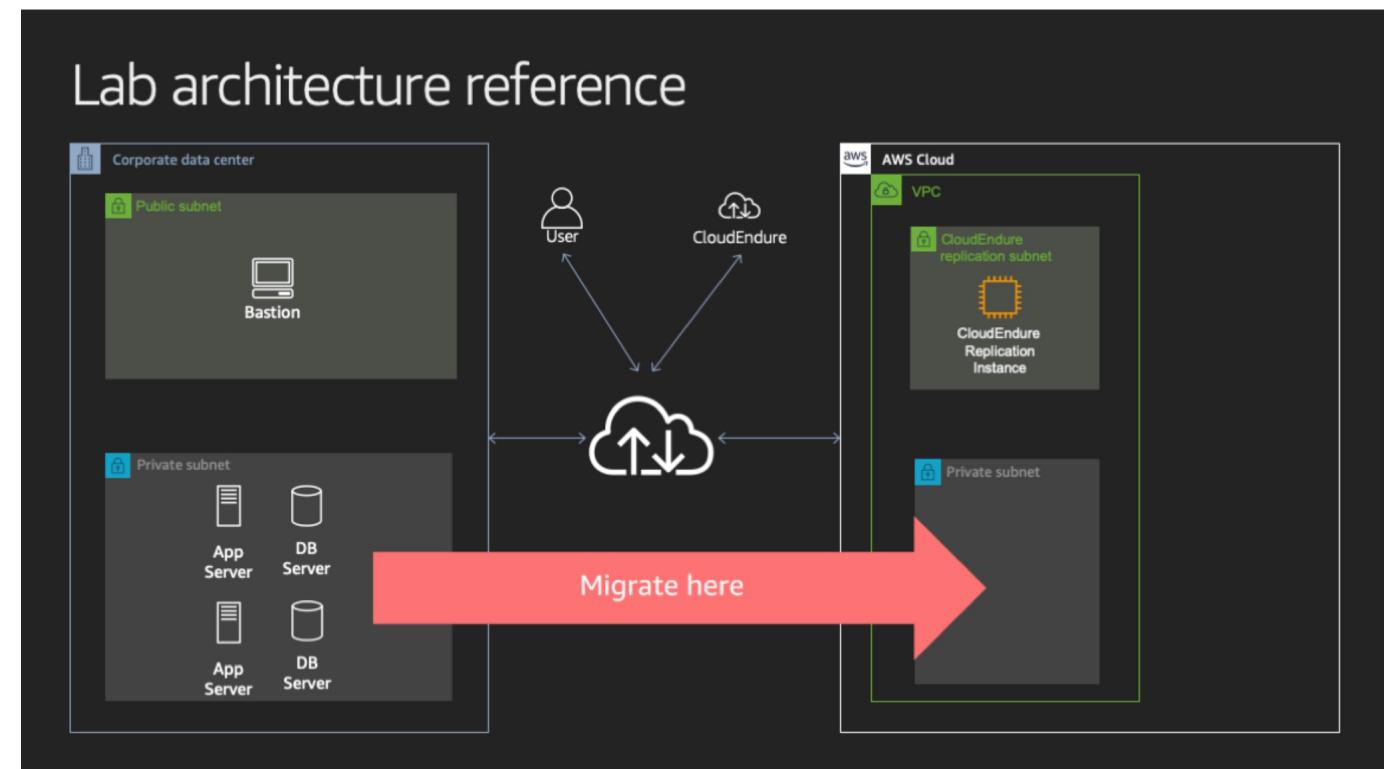
▼ Content preferences

Language

English



The following architecture reference will be used:



Please discover and migrate the 4 servers from the on-premise emulated source environment to AWS.

Event Engine - Team Dashboard X | Connect to instance | EC2 Man X Migration Immersion Day X +

catalog.workshops.aws/migrationimmersionday/en-US/rehost/gettingstarted/explore-your-environment/explore-your-environment

Incognito Update

aws workshop studio

Migration Immersion Day

Migration Acceleration Program

Re-Host & Re-Platform

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- Connect to the Lab Environment
- Connect to the Bastion Host

Explore your environment

- Architectural reference
- Explore your environment

Tips

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DMS

Cleanup

Cloud Migration Factory

Legacy Modernization

Content preferences

Language

Migration Immersion Day > Re-Host & Re-Platform > Getting Started > Explore your environment > Explore your environment

Explore your environment

The current production environment running on-premise is comprised of 2 applications and 4 servers as per the following:

Application	Hostname	FQDN	OS	Platform
Wordpress	wordpress-web	wordpress-web.onpremsim.env	Centos7	Apache+PHP
Wordpress	wordpress-db	wordpress-db.onpremsim.env	Centos7	MariaDB
OFBiz	ofbiz-web	ofbiz-web.onpremsim.env	Centos7	Java
OFBiz	ofbiz-db	ofbiz-db.onpremsim.env	Centos7	PostgreSQL

1. Test the applications that we're going to migrate. In the Bastion Host, open the following URL using Chrome browser.

All the commands listed on this guide should be executed from INSIDE the Bastion host.

Application	URL
Wordpress	http://wordpress-web.onpremsim.env/
OFBiz ERP	https://ofbiz-web.onpremsim.env:8443/accounting

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#ConnectionInstance:instanceId=i-0606caed9fc4c82b

Incognito Update

aws Services Q ec2 X

Oregon ▾ TeamRole/MasterKey @ 8905-4715-0164 ▾

EC2 > Instances

Search results for 'ec2'

Services (12) See all 12 results ▾

- EC2 Virtual Servers in the Cloud
- Top features
- Dashboard Launch templates Instances Spot Instance requests Savings plans

- EC2 Image Builder A managed service to automate build, customize and deploy OS images
- Amazon Inspector Continual vulnerability management at scale
- AWS Firewall Manager Central management of firewall rules

Features See all 53 results ▾

- Dashboard EC2 feature
- Limits EC2 feature

Services (12)

- Connect to your instance
- Session
- Instance ID i-0606caed9fc4c82b
- Tutorials (20)
- Events (31)
- Marketplace (2,266)

Connection

Conn Down your IP address

You can connect to your instance by running the command:

When prompted for a password, enter:

Public DNS ec2-44-191-2.compute.us-west-2.amazonaws.com

Password

Event Engine - Team Dashboard X Dashboard | EC2 Management X Migration Immersion Day X +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Home:

Incognito Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

EC Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Resources

You are using the following Amazon EC2 resources in the US West (Oregon) Region:

Instances (running)	6
Auto Scaling Groups	0
Dedicated Hosts	0
Elastic IPs	3
Instances	6
Key pairs	1
Load balancers	0
Placement groups	0
Security groups	11
Snapshots	0
Volumes	6

(i) Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. [Learn more](#) X

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance ▾

Migrate a server

Note: Your instances will launch in the US West (Oregon) Region

Service health

AWS Health Dashboard

Region
US West (Oregon)

Status
This service is operating normally

Zones

Account attributes

Supported platforms

- VPC

Default VPC

vpc-08f6c50f527f38eb4

Settings

EBS encryption

Zones

EC2 Serial Console

Default credit specification

Console experiments

Explore AWS

Amazon GuardDuty Malware Protection

GuardDuty now provides agentless malware detection in Amazon EC2 & EC2 container workloads. [Learn more](#)

Enable Best Price-Performance with AWS Graviton2

AWS Graviton2 powered EC2 instances enable up to 40% better price performance for a broad



Services

Search [Option+S]



Oregon

TeamRole/MasterKey @ 8905-4715-0164

 New EC2 Experience
Tell us what you think X

EC2 Dashboard

EC2 Global View

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Limits

▼ Instances

Instances

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AMIs

AMI Catalog

▼ Elastic Block Store

Instances (6) Info

Connect

Instance state ▾

Actions ▾

Launch instances



Find instance by attribute or tag (case-sensitive)

Instance state = running X

Clear filters

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input type="checkbox"/>	DO-NOT-TOUCH(DNS)	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms	+ us-west-2a
<input type="checkbox"/>	MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms	+ us-west-2a
<input type="checkbox"/>	MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms	+ us-west-2a
<input type="checkbox"/>	MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms	+ us-west-2a
<input type="checkbox"/>	MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms	+ us-west-2a
<input type="checkbox"/>	MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms	+ us-west-2a

Select an instance



Migration Immersion Day

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▼ Getting Started

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 Cleanup

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► Legacy Modernization

▼ Content preferences

 Language

 English

1. Test the applications that we're going to migrate. In the Bastion Host, open the following URL using Chrome browser.

i All the commands listed on this guide should be executed from INSIDE the Bastion host.

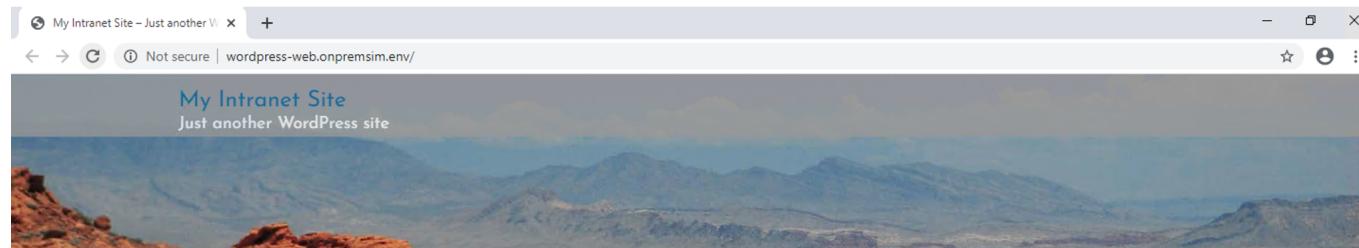
Application	URL
Wordpress	http://wordpress-web.onpremsim.env/ i
OFBiz ERP	https://ofbiz-web.onpremsim.env:8443/accounting i

i This is a simple test, just check if both application webpage shows up.

i OFBiz application uses a self signed certificate. It is required to add the exception on Chrome to be able to explore the application. In the Chrome browser, click on Advanced, then Proceed to ofbiz-web.onpremsim.env (unsafe)

2. You should be able to visualize these 2 web applications:

Wordpress



Migration Immersion Day

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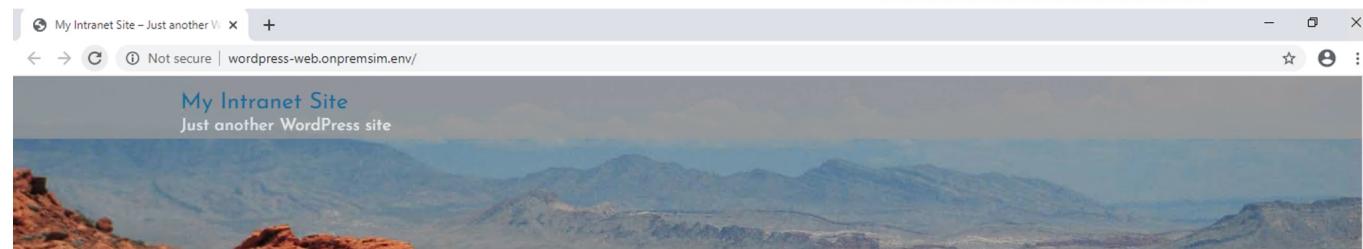
Application	URL
Wordpress	http://wordpress-web.onpremsim.env/
OFBiz ERP	https://ofbiz-web.onpremsim.env:8443

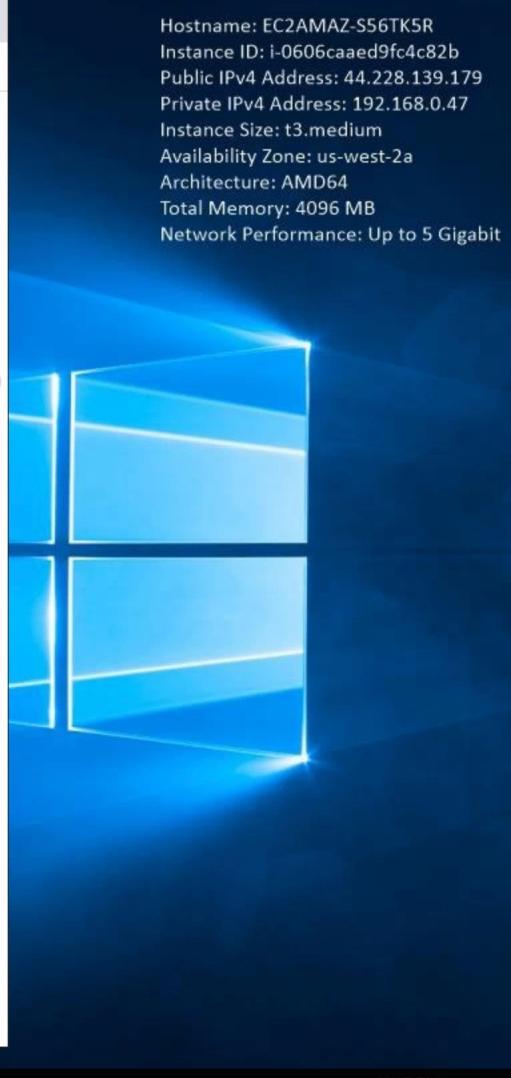
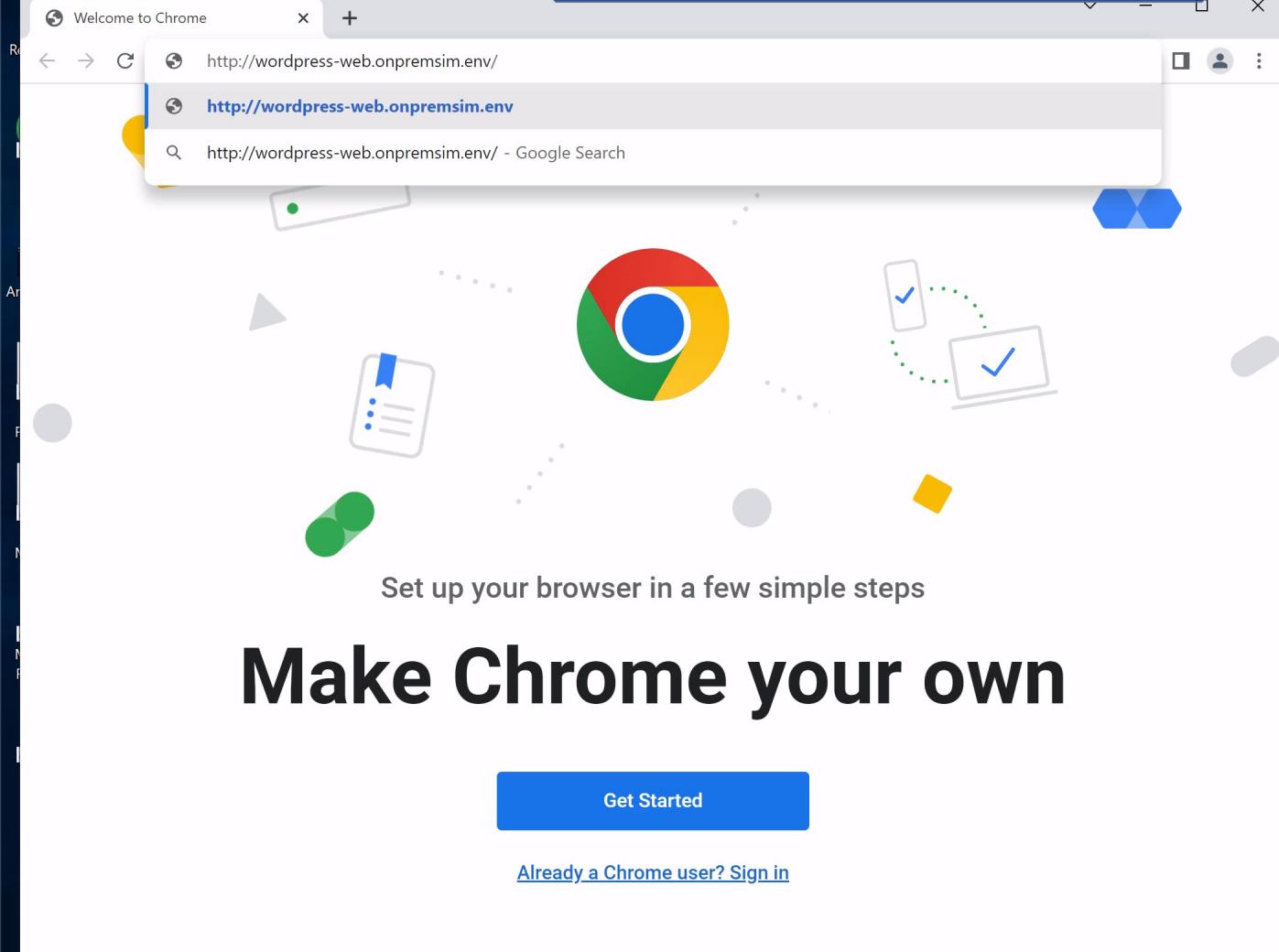
i This is a simple test, just check if both application webpage shows up.

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2. You should be able to visualize these 2 web applications:

Wordpress





Not secure | wordpress-web.onpremsim.env/

My Intranet Site



MIGRATION IMMERSION DAY

26 MAR 2023

We are migrating our internal servers to AWS!

[Leave a comment](#)

HELLO WORLD!

26 MAR

Instance ID: i-0606caaed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

12:17 PM 3/26/2023

Migration Immersion Day

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► Legacy Modernization

▼ Content preferences

 Language

 English

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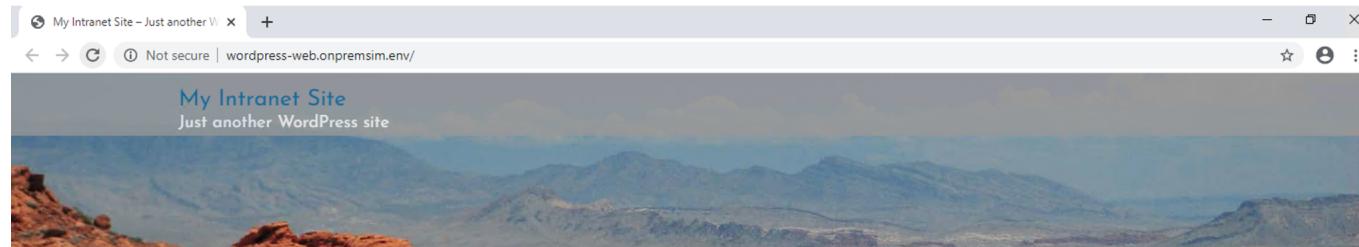
Application	URL
Wordpress	http://wordpress-web.onpremsim.env/ i
OFBiz ERP	https://ofbiz-web.onpremsim.env:8443/accounting i

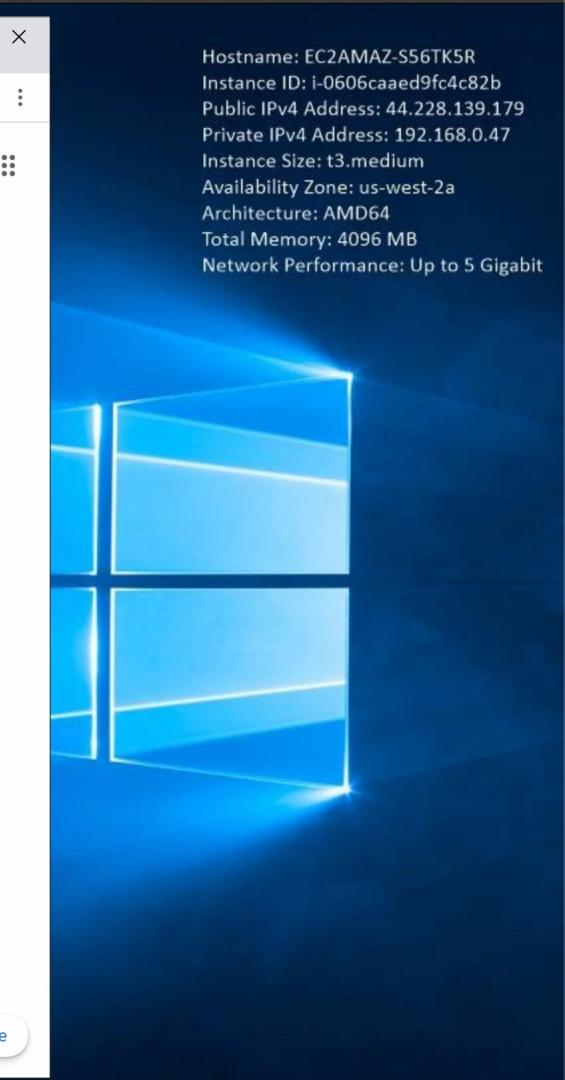
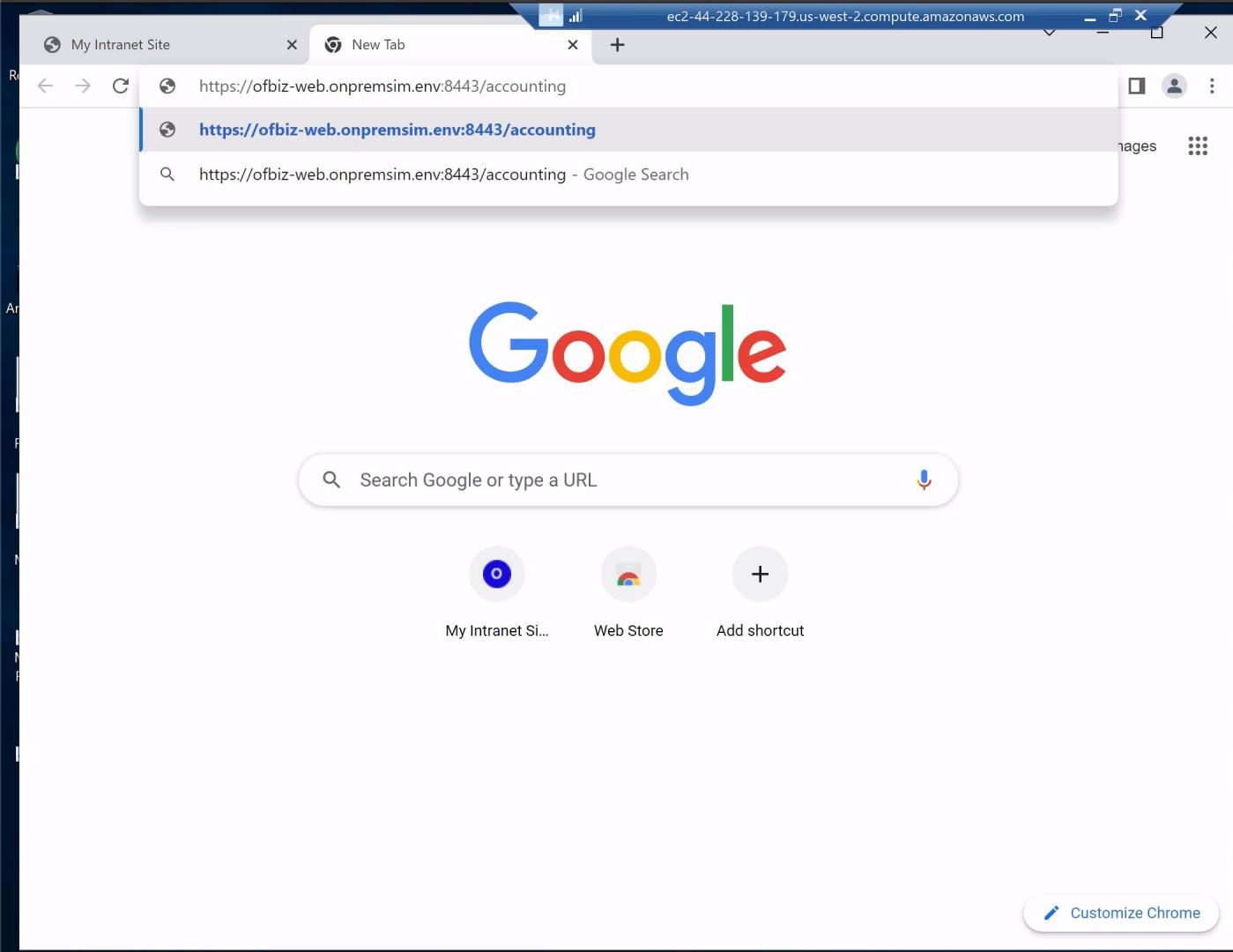
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2. You should be able to visualize these 2 web applications:

Wordpress







Your connection is not private

Attackers might be trying to steal your information from **ofbiz-web.onpremsim.env** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID

To get Chrome's highest level of security, [turn on enhanced protection](#)

Advanced

Back to safety



Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

Not secure | <https://ofbiz-web.onpremsim.env:8443/accounting>



Your connection is not private

Attackers might be trying to steal your information from **ofbiz-web.onpremsim.env** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID

To get Chrome's highest level of security, [turn on enhanced protection](#)

[Hide advanced](#)

[Back to safety](#)

This server could not prove that it is **ofbiz-web.onpremsim.env**; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.

[Proceed to ofbiz-web.onpremsim.env \(unsafe\)](#)



Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit



Re

Not secure | <https://ofbiz-web.onpremsim.env:8443/accounting/control/main>



Login

Registered User

User Name

Password

Login

[Forgot Your Password?](#)

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

Event Engine - Team Dashboard X | Instances | EC2 Management C X | Migration Immersion Day X +

catalog.workshops.aws/migrationimmersionday/en-US/rehost/gettingstarted/explore-your-environment/explore-your-environment

star Incognito Update :

aws workshop studio

Migration Immersion Day X

- ▶ Migration Acceleration Program
- ▼ Re-Host & Re-Platform
 - ▼ Getting Started
 - Connect to the Lab Environment
 - Connect to the Bastion Host
 - ▼ Explore your environment
 - Architectural reference
 - Explore your environment**
 - Tips
- ▶ Application Discovery Service
- ▶ MGN
- ▶ DMS
- Cleanup
- ▶ Cloud Migration Factory
- ▶ Legacy Modernization
- ▼ Content preferences

Registered User

User Name

Password

Login

Forgot Your Password?

1/13/22 4:29 AM - Coordinated Universal Time

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You can log into the OFBiz application using the following username and password:

Application	Test URL	App username	App password
OFBiz ERP	https://ofbiz-web.onpremsim.env:8443/accounting	admin	ofbiz

An orange arrow points to the "ofbiz" entry in the "App password" column.



Not secure | https://ofbiz-web.onpremsim.env:8443/accounting/control/main



Login

Registered User

User Name admin**Password** **Login**[Forgot Your Password?](#)

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

Event Engine - Team Dashboard X | Instances | EC2 Management C X | Migration Immersion Day X +

catalog.workshops.aws/migrationimmersionday/en-US/rehost/gettingstarted/explore-your-environment/explore-your-environment

star Incognito Update :

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- ▼ Re-Host & Re-Platform
 - ▼ Getting Started
 - Connect to the Lab Environment
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 - ▼ Explore your environment
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- ▶ Application Discovery Service
- ▶ MGN
- ▶ DMS
- Cleanup
- ▶ Cloud Migration Factory
- ▶ Legacy Modernization
- ▼ Content preferences

Registered User

User Name

Password

Login

Forgot Your Password?

1/13/22 4:29 AM - Coordinated Universal Time

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You can log into the OFBiz application using the following username and password:

Application	Test URL	App username	App password
OFBiz ERP	https://ofbiz-web.onpremsim.env:8443/accounting	admin	ofbiz

ofbiz

Login



Registered User

User Name admin**Password** *******Login**[Forgot Your Password?](#)

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

Party HR Marketing Web Tools Project My Portal Asset Maint Catalog Scrum + Accounting

Main Invoices Payments Payment Group Transactions Payment Gateway Config Billing Accounts Financial Account Tax Authorities Agreements Fixed Assets Budgets Global GL Settings

Accounting Manager Main Page

Agreements

[List Available Agreements](#)

Billing Accounts

[Show Customer Billing Account](#)

Fixed Assets

[Show All Fixed Assets](#)

Invoices

[Show All Invoices](#) [Show Invoices Commission](#)

[Show Invoices Approved](#)

[Show Invoices Customer Return](#)

[Show Invoices Cancelled](#)

[Show Invoices Interest](#)

[Show Invoices In-Process](#)

[Show Invoices Invoice](#)

[Show Invoices Paid](#)

[Show Invoices Payroll](#)

[Show Invoices Ready for Posting](#)

[Show Invoices Purchase Invoice](#)

[Show Invoices Received](#)

[Show Invoices Purchase Return](#)

[Show Invoices Sent](#)

[Show Invoices Purchase Invoice Template](#)

[Show Invoices Write Off](#)

[Show Invoices Sales Invoice](#)

[Show Invoices Sales Invoice Template](#)

[Show Invoices Invoice Template](#)

Payments

[Show All Payments](#) [Show Payments Commission Payment](#)

[Show Payments Cash](#)

[Show Payments Cancelled](#)

[Show Payments Customer Deposit](#)

[Show Payments Certified Check](#)

[Show Payments Confirmed](#)

[Show Payments Customer Payment](#)

[Show Payments Company Account](#)

[Show Payments Not Paid](#)

[Show Payments Customer Refund](#)

[Show Payments Company Check](#)

[Show Payments Received](#)

[Show Payments Disbursement](#)

[Show Payments Credit Card](#)

[Show Payments Sent](#)

[Show Payments Gift Certificate Deposit](#)

[Show Payments Electronic Funds Transfer](#)

[Show Payments Voided](#)

[Show Payments Gift Certificate Withdrawal](#)

[Show Payments Billing Account](#)

[Show Payments Income Tax Payment](#)

[Show Payments Cash On Delivery](#)

[Show Payments Interest Receipt](#)

[Show Payments eBay](#)

[Show Payments Pay Check](#)

[Show Payments Offline Payment](#)

[Show Payments Payroll Tax Payment](#)

[Show Payments PayPal](#)

[Show Payments Payroll Payment](#)

[Show Payments RBS WorldPay](#)

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

Lab Steps: MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate The Applications
- Finalize cutover and Archive Servers



Identity and Access Management (IAM)

Services (2)

Resources New

Blogs (52)

Documentation (1,253)

Knowledge Articles (6)

Events (3)

Marketplace (3)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies

Related consoles

Search results for 'mgn'

Services

AWS Application Migration Service ☆

AWS Application Migration Service (MGN) automates lift-and-shift migration.

AWS Migration Hub ☆

Simplify and accelerate the migration of your data centers to AWS

Resources / for a focused search

Introducing resource search

Enable to show cross-region resources for your account in search results. Takes less than 5 minutes to set up.

Dismiss

Go to Resource Explorer

Blogs

See all 52 results ▶

Manage EC2 Launch Templates at scale during rehost migrations with AWS MGN ↗

By: Mike Kuznetsov, Habeeb Al Aidroos, Sanket Nasre | Date: December 20, 2022

Use AWS RAM and AWS MGN to Govern your Migration at scale in AWS ↗

By: Tarek Mahmoud, Melody Huang | Date: August 5, 2022

Delete

/KGNG6ILX3 - Active

. Created today.

Enable console access

You can have a maximum of 8 MFA devices

Remove

Resync

Assign MFA device

Event Engine - Team Dashboard X Set up Application Migration S Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/setup

Incognito Update

aws Services Search [Option+S]

Application Migration Service > Set up Application Migration Service

Set up Application Migration Service

Service initialization

In order to use Application Migration Service in this region, the service must first be initialized by an Admin user of the AWS account. Once the service is initialized, you can modify the default service templates on the Settings page.

By continuing, you are allowing application Migration Service to create all the IAM roles required to facilitate data replication and the launching of migrated servers. [Learn more](#)

[View roles](#)

Cancel Set up service

This screenshot shows the 'Set up Application Migration Service' page in the AWS console. The top navigation bar includes tabs for 'Event Engine - Team Dashboard', 'Set up Application Migration Service', and 'Migration Immersion Day'. The main content area is titled 'Set up Application Migration Service' and has a sub-section titled 'Service initialization'. A note explains that the service must be initialized by an Admin user to use it in the region. Below this, a message states that by continuing, the user is allowing the service to create IAM roles for data replication and server launching. A 'View roles' button is available for review. At the bottom, there are 'Cancel' and 'Set up service' buttons, with 'Set up service' being highlighted in orange.

Event Engine - Team Dashboard X Active source servers | Application Migration Service Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito Update

aws Services Search [Option+S]

Application Migration Service

Source servers

Applications New

Waves New

Launch history

Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

Import and Export

Import New

Export New

AWS Migration Hub

Documentation

Release Notes

Default templates created

Every time you add a source server to Application Migration Service, its Replication settings, Launch settings and Post-launch action settings are initialized based on default templates. You can edit the default templates in the Settings page.

The next step to setting up Application Migration Service is adding your source servers by installing the AWS Replication agent on them.

Learn more

Application Migration Service > Active source servers

Windows Migration Accelerator (WMA) Program

If you are migrating 40 or more servers per month (including at least 15 Windows servers), you may qualify for up to \$250 credit per server by joining the WMA program. [Learn more](#)

Migration tip #1

It's important to test launch your servers in AWS up to two weeks before the cutover. Testing is non-disruptive. [Learn more](#)

Hide future tips

Source servers

Active source servers ▾ Filter source servers by property or value

Source server name ▾ Alerts ▾ Migration lifecycle ▾ Data replication status ▾ Last snapshot ▾ Next step ▾

No servers

Add your source servers to this console by installing the AWS Replication Agent. Alternatively, you can add source servers without installing an agent on each guest server by installing the AWS vCenter client on your vCenter.

A screenshot of the AWS Application Migration Service console. The left sidebar shows navigation links like 'Source servers', 'Settings' (with 'Replication template' highlighted), and 'Import and Export'. The main content area displays a green info box about default templates, a 'Windows Migration Accelerator (WMA) Program' callout, and a 'Migration tip #1'. Below these are sections for 'Source servers' and 'Active source servers'. A large orange arrow points from the 'Replication template' link in the sidebar to the 'Source server name' filter dropdown in the main table header.

Event Engine - Team Dashboard X Replication template | Application Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/replicationTemplate

Incognito Update

aws Services Search [Option+S]

Application Migration Service

Source servers

Applications New

Waves New

Launch history

Settings

Replication template

Launch template

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User preferences

Import and Export

Import New

Export New

AWS Migration Hub

Documentation

Release Notes

Default templates created

Every time you add a source server to Application Migration Service, its Replication settings, Launch settings and Post-launch action settings are initialized based on default templates. You can edit the default templates in the Settings page.

The next step to setting up Application Migration Service is adding your source servers by installing the AWS Replication agent on them.

Learn more

Application Migration Service > Replication template

Replication template

Source servers added to this console have replication settings that control how data is sent from the source server to AWS. These settings are created automatically based on this template, and can be modified at any time for any source server or group of source servers. The defaults can be modified at any time.

Changes made to the templates will only be applied to newly added servers.

Reinitialize service permissions Edit

Replication server configuration

Subnet: subnet-04e9dda3901b35cf1

Replication Server instance type: t3.small

Volumes

EBS volume type (for replicating disks over 500 GiB)

EBS encryption

This screenshot shows the AWS Application Migration Service (AMS) Replication template configuration page. The left sidebar includes links for Source servers, Applications (New), Waves (New), Launch history, Settings (with Replication template selected), Import and Export (Import New, Export New), AWS Migration Hub, Documentation, and Release Notes. The main content area has a green header bar with the title 'Default templates created' and instructions about initializing settings for new source servers. Below this is a breadcrumb trail: Application Migration Service > Replication template. The main title is 'Replication template'. A text block explains that source servers have replication settings controlled by this template, which are created automatically and can be modified. A note states that changes will only apply to newly added servers. At the bottom right of the main content area, there are two buttons: 'Reinitialize service permissions' and a prominent orange 'Edit' button. A yellow arrow points to the 'Edit' button. The 'Replication server configuration' section shows a Subnet (subnet-04e9dda3901b35cf1) and a Replication Server instance type (t3.small). The 'Volumes' section is partially visible at the bottom.

Default templates created

Every time you add a source server to Application Migration Service, its Replication settings, Launch settings and Post-launch action settings are initialized based on default templates. You can edit the default templates in the Settings page.

The next step to setting up Application Migration Service is adding your source servers by installing the AWS Replication agent on them.

[Learn more](#)

Edit replication template Info

Source servers added to this console have replication settings that control how data is sent from the source server to AWS.

These settings are created automatically based on this template, and can be modified at any time for any source server or group of source servers. The defaults can be modified at any time. Changes made to defaults will only affect newly added servers.

Replication server configuration Info

Replication servers are lightweight EC2 instances launched by Application Migration Service to facilitate the transfer of blocks of data from the disks on your source servers to AWS.

Staging area subnet

The staging area subnet is the subnet within which replication servers and conversion servers are launched. By default, Application Migration Service will use the default subnet on your AWS Account.

subnet-04e9dda3901b35cf1
vpc-08f6c50f527f38eb4



Replication Server instance type

The replication server instance type is the default EC2 instance type to use for replication servers. The recommended best practice is to not change the replication server instance type unless there is a business need to do so.

Choose an instance type



0439 - Amazon Bedrock Works x | [Internal] Amazon Bedrock han x | Workshop Studio x | MGN_DryRun x | Edit replication template | AWS x +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/editReplicationTemplate

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Oregon WSParticipantRole/Participant @ 0862-9466-9868

Replication servers are lightweight EC2 instances launched by Application Migration Service to facilitate the transfer of blocks of data from the disks on your source servers to AWS.

Staging area subnet

The staging area subnet is the subnet within which replication servers and conversion servers are launched. By default, Application Migration Service will use the default subnet on your AWS Account.

TargetPublic
vpc-018053daca3b0f340

subnet-0058c98ef660c43c3
vpc-008a272cad7df35c9

TargetPrivate
vpc-018053daca3b0f340

TargetPublic
vpc-018053daca3b0f340

SourcePublic
vpc-0421ea39069987a33

SourcePrivate
vpc-0421ea39069987a33

CloudEndure Staging
vpc-04a5db72f35cae203

subnet-0f81d256b9ecf3f74
vpc-008a272cad7df35c9

subnet-08127ad8a7bc68f29
vpc-008a272cad7df35c9

TargetPrivateDB
vpc-018053daca3b0f340

subnet-03d6d4acc8473bff4

commanded best practice is to not

| to a replication server, and

isks.

0439 - Amazon Bedrock Works | [Internal] Amazon Bedrock han... | Workshop Studio | MGN_DryRun | Edit replication template | AWS

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/editReplicationTemplate

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Oregon WSParticipantRole/Participant @ 0862-9466-9868

Replication servers are lightweight EC2 instances launched by Application Migration Service to facilitate the transfer of blocks of data from the disks on your source servers to AWS.

Staging area subnet
The staging area subnet is the subnet within which replication servers and conversion servers are launched. By default, Application Migration Service will use the default subnet on your AWS Account.

TargetPublic
vpc-018053daca3b0f340

Replication Server instance type
The replication server instance type is the default EC2 instance type to use for replication servers. The recommended best practice is to not change the replication server instance type unless there is a business need to do so.

t3.small
t2.small

All instance types

t2.small

end of instance type results

to a replication server, and each replication server can handle replication of disks from multiple source servers.

EBS volume type (for replicating disks over 500GiB)
The default EBS Volume type to be used by the replication servers.

Faster, General Purpose SSD (gp3)

EBS encryption
This option will encrypt your replicated data at rest on the staging area subnet disks and the replicated disks.

0439 - Amazon Bedrock Works | [Internal] Amazon Bedrock han... | Workshop Studio | MGN_DryRun | Edit replication template | AWS

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/editReplicationTemplate

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Select additional security groups

Data routing and throttling Info

This setting controls how data flows from the external server to the replication servers. If you choose not to use a private IP, your replication servers will be automatically assigned a public IP and data will flow over the public internet.

Create public IP

Use private IP for data replication (VPN, DirectConnect, VPC peering, etc.)

Create public IP, and use Private IP for data replication (VPN, DirectConnect, VPC peering, etc.)

Throttle network bandwidth (per server - in Mbps)

Replication resources tags Info

Add new tag

You can add up to 50 more tags.

Cancel Save template

aws workshop studio

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Configure Default Target Templates

Create AWS Replication Agent IAM User

Install the AWS Replication Agent

AWS MGN Migration Life Cycle

Launch Test Instance

Shutdown Source Environment

Content preferences

Language

- [Optional] In the last section **Replication resources tags** press **Add new tag** button to configure tags that will be applied to all resources created in the Staging area:

- add tag Key: **Environment** (copy-paste from the below section):

Environment

Copied!

- add tag value: **Migration-Staging**:

Migration-Staging

Replication resources tags Info

Key

Environment

Value - optional

Migration-Staging

X

Remove

Add new tag

You can add up to 49 more tags.

This will allow to control the cost of any temporarily resources created by AWS MGN during the migration process in the Staging area.

0439 - Amazon Bedrock Works | [Internal] Amazon Bedrock han... | Workshop Studio | MGN_DryRun | Edit replication template | AWS

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/editReplicationTemplate

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Oregon WSParticipantRole/Participant @ 0862-9466-9868

Select additional security groups

Data routing and throttling Info

This setting controls how data flows from the external server to the replication servers. If you choose not to use a private IP, your replication servers will be automatically assigned a public IP and data will flow over the public internet.

Create public IP

Use private IP for data replication (VPN, DirectConnect, VPC peering, etc.)

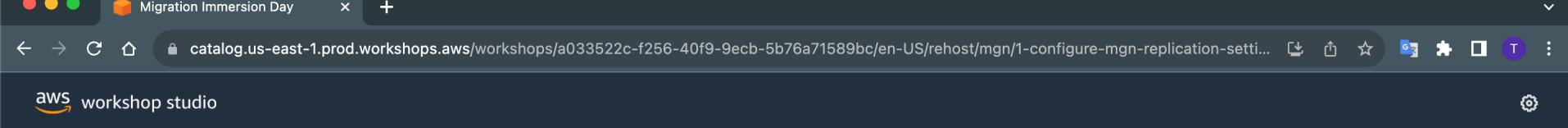
Create public IP, and use Private IP for data replication (VPN, DirectConnect, VPC peering, etc.)

Throttle network bandwidth (per server - in Mbps)

Replication resources tags Info

Key	Value - optional
<input type="text" value="Environment"/> X	<input type="text" value="Enter value"/> Remove
Use Environment	
Add new tag	

You can add up to 49 more tags.



aws workshop studio

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Content preferences

Language

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- add tag Key: **Environment** (copy-paste from the below section):

Environment



- add tag value: **Migration-Staging**:

Migration-Staging

Copied!



Replication resources tags Info

Key

Environment

Value - optional

Migration-Staging

X Remove

Add new tag

You can add up to 49 more tags.

This will allow to control the cost of any temporarily resources created by AWS MGN during the migration process in the Staging area.

0439 - Amazon Bedrock Works | [Internal] Amazon Bedrock han... | Workshop Studio | MGN_DryRun | Edit replication template | AWS

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/editReplicationTemplate

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Oregon WSParticipantRole/Participant @ 0862-9466-9868

Select additional security groups

Data routing and throttling Info

This setting controls how data flows from the external server to the replication servers. If you choose not to use a private IP, your replication servers will be automatically assigned a public IP and data will flow over the public internet.

Create public IP

Use private IP for data replication (VPN, DirectConnect, VPC peering, etc.)

Create public IP, and use Private IP for data replication (VPN, DirectConnect, VPC peering, etc.)

Throttle network bandwidth (per server - in Mbps)

Replication resources tags Info

Key	Value - optional
<input type="text" value="Environment"/> X	<input type="text" value="Migration-Staging"/> X
<input type="button" value="Remove"/>	
<input type="button" value="Add new tag"/>	

You can add up to 49 more tags.

Data routing and throttling

This setting controls how data flows from the external server to the replication servers. If you choose not to use a private IP, your replication servers will be automatically assigned a public IP and data will flow over the public internet.

- Create public IP
 - Use private IP for data replication (VPN, DirectConnect, VPC peering, etc.)
 - Create public IP, and use Private IP for data replication (VPN, DirectConnect, VPC peering, etc.)

Throttle network bandwidth (per server - in Mbps)

Replication resources tags Info

Key

Value - optional

 Environment

 Migration-Staging

[Remove](#)

You can add up to 49 more tags.

Cance

[Save template](#)



Lab Steps: MGN

- Configure AWS MGN Service
- **Configure Default Target Templates**
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate The Applications
- Finalize cutover and Archive Servers

Migration Immersion Day

catalog.us-east-1.prod.workshops.aws/workshops/a033522c-f256-40f9-9ecb-5b76a71589bc/en-US/rehost/mgn/2-configure-default-target-templat...

aws workshop studio

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Configure Default Target Templates

AWS MGN allows to set up **default templates** for *target instances* configuration, both for [Launch Templates](#) and [Post-Launch settings](#). These templates will be applied to *every new server* added to the AWS MGN list of source servers, which happens *after* the **AWS Replication Agent** is installed on the source server.

The settings defined in the default templates will be *copied over* to each of these newly added source servers' individual configurations, and can later be *changed individually* on a per-server basis. The settings from default templates *will NOT be applied to already existing and replicating servers*, and changing these default templates will not affect any existing individual configurations on a per-server basis.

Define default target instances configuration

AWS MGN uses an [EC2 Launch Template](#) to define the configuration of the **target EC2 instances** to be launched during the test and cutover migration stages.

1. Go to the [AWS Application Migration Service](#) console, and choose **Launch template** under **Settings** menu on the left-hand side navigation pane, then choose **Edit**.

The screenshot shows the AWS Application Migration Service console with the "Launch template" page open. The left sidebar includes "Source servers", "Applications" (with a "New" button), "Waves" (with a "New" button), "Launch history", and "Settings". The main content area is titled "Launch template" and contains the following text: "Every source server added to this service has launch settings that control actions performed after the server is launched in AWS. These settings are created automatically based on this default launch template, and can be modified for any source server. The default can be modified at any time." A note below states: "Changes made to the templates will only be applied to newly added servers." An orange "Edit" button is visible in the bottom right corner of the main content area, with a small red "2" icon above it.

0439 - Amazon Bedrock Works | [Internal] Amazon Bedrock han... | Workshop Studio | MGN_DryRun | Launch template | AWS Applica... +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/launchTemplate

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Application Migration Service

- Source servers
- Applications
- Waves
- Global view [New](#)
- Launch history
- MGN connectors [New](#)
- Import and Export
 - Import
 - Export
- Settings
 - Replication template
 - Launch template**
 - Post-launch template
 - User preferences
- AWS Migration Hub
- Documentation

Default templates created

Every time you add a source server to Application Migration Service, its Replication settings, Launch settings and Post-launch action settings are initialized based on default templates. You can edit the default templates in the Settings page.

The next step to setting up Application Migration Service is adding your source servers by installing the AWS Replication agent on them.

Learn more

Replication template saved

Application Migration Service > Launch template

Launch template

Every source server added to this service has launch settings that control actions performed after the server is launched in AWS. These settings are created automatically based on this default launch template, and can be modified for any source server. The default can be modified at any time.

Changes made to the templates will only be applied to newly added source servers.

Edit

General launch settings

Configure the default settings that will be used when launching target servers.

Instance type right sizing	Start instance upon launch
On	Yes
Copy private IP	Operating system licensing



Services

Search [Alt+S]



Oregon

WSParticipantRole/Participant @ 0862-9466-9868

Resource Groups & Tag Editor

CloudWatch

[Application Migration Service](#) > [Launch template](#) > [Edit launch template](#)

Edit launch template Info

Every source server added to this service has an EC2 launch template that controls its launch settings. The EC2 launch template is created automatically based on the launch template. Once a server is added to MGN, you can modify its EC2 template at any time.

General launch settings Info

Configure the default settings that will be used when launching target servers.

Activate instance type right-sizing

The service will determine the best match instance type. The default instance type defined in the EC2 template will be ignored.

Start instance upon launch

The service will launch instances automatically. If this option is not selected, launched instance will need to be manually started after launch.

Copy private IP

Enable this setting to copy the private IP of your source server to the target.

Transfer server tags

Transfer the tags from the source server to the launched instances.

Operating system licensing

Specify whether to continue to use the license of the source server or use an AWS provided license.

0439 - Amazon Bedrock Works x | [Internal] Amazon Bedrock han x | Workshop Studio x | MGN_DryRun x | Edit launch template | AWS Ap x +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/editLaunchTemplate

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Edit launch template Info

Every source server added to this service has an EC2 launch template that controls its launch settings. The EC2 launch template is created automatically based on the launch template. Once a server is added to MGN, you can modify its EC2 template at any time.

General launch settings Info

Configure the default settings that will be used when launching target servers.

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Copy private IP

Enable this setting to copy the private IP of your source server to the target.

Transfer server tags 

Transfer the tags from the source server to the launched instances.

Operating system licensing

Specify whether to continue to use the license of the source server or use an AWS provided license.

Bring your own license (BYOL)

Use AWS provided license

Default EC2 Launch Template [Info](#)

Configure the default settings that will be applied to the EC2 launch template of every target server.

Default target subnet

This is the target subnet to be associated with any instance launched by this service.

- | | |
|---------------------------------|---|
| TargetPublic | |
| vpc-018053daca3b0f340 | - |
|
 | |
| subnet-0058c98ef660c43c3 | |
| vpc-008a272cad7df35c9 | |
|
 | |
| TargetPrivate | |
| vpc-018053daca3b0f340 | |
|
 | |
| TargetPublic | |
| vpc-018053daca3b0f340 | ✓ |
|
 | |
| SourcePublic | |
| vpc-0421ea39069987a33 | |
|
 | |
| SourcePrivate | |
| vpc-0421ea39069987a33 | |
|
 | |
| CloudEndure Staging | |
| vpc-04a5db72f35cae203 | |
|
 | |
| subnet-0f81d256b9ecf3f74 | |
| vpc-008a272cad7df35c9 | |
|
 | |
| subnet-08127ad8a7bc68f29 | |
| vpc-008a272cad7df35c9 | |
|
 | |
| TargetPrivateDB | |



Services

Search [Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor

CloudWatch



Default EC2 Launch Template Info

Configure the default settings that will be applied to the EC2 launch template of every target server.

Default target subnet

This is the target subnet to be associated with any instance launched by this service.

TargetPublic
vpc-018053daca3b0f340

Additional security groups

These are the security groups to associate with all instances launched by this service.

Select additional security groups

Q

- mid-SOURCENETWORK-TJE03DF9LD2R-TargetSecurityGroup-NUV0S18YQ46F
sg-066d7f0786ef189ad
- default
sg-04ba45ea0e4baf621

end of security groups results

d if instance type right-sizing is

EBS volume type

This is the default volume type used for EBS volumes. You can overwrite this value for small volumes, using API.

General Purpose SSD (gp3)

IOPS

General Purpose SSD (gp3) volumes support a baseline of 3,000 IOPS. Additionally, you can provision up to 500 IOPS per GiB up to a maximum of 16,000 IOPS.



Services

Search [Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor

CloudWatch



Default EC2 Launch Template Info

Configure the default settings that will be applied to the EC2 launch template of every target server.

Default target subnet

This is the target subnet to be associated with any instance launched by this service.

TargetPublic
vpc-018053daca3b0f340

Additional security groups

These are the security groups to associate with all instances launched by this service.

Select additional security groups

Q t2.small X

All instance types

t2.small

end of instance type results

t2.small

d if instance type right-sizing is

EBS volume type

This is the default volume type used for EBS volumes. You can overwrite this value for small volumes, using API.

General Purpose SSD (gp3)

IOPS

General Purpose SSD (gp3) volumes support a baseline of 3,000 IOPS. Additionally, you can provision up to 500 IOPS per GiB up to a maximum of 16,000 IOPS.



Services

Search

[Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor

CloudWatch

IOPS

General Purpose SSD (gp3) volumes support a baseline of 3,000 IOPS. Additionally, you can provision up to 500 IOPS per GiB up to a maximum of 16,000 IOPS.

3000

Min: 3000 IOPS, max: 16,000 IOPS (up to 500 IOPS per GiB).

Throughput

General Purpose SSD (gp3) volumes have a baseline performance of 125 MiB/s. You can provision additional throughput of 0.25 MiB/s per provisioned IOPS up to a maximum of 1,000 MiB/s (at 4,000 IOPS or higher).

125

Min: 125 MiB/s, max: 1000 MiB/s.

MAP program tagging Info

Configure MAP resource tags to be applied to all instances launched by this service.

Select this option to automatically add the MAP program tag when launching this server.

Add MAP tag to launched instances

MAP tag value

Migrated resources will be automatically tagged with the "map migrated" key. Provide the tag value to use for your MAP migrated resources.

Cancel

Save template



0439 - Amazon Bedrock Works x [Internal] Amazon Bedrock han x Workshop Studio x MGN_DryRun x Post-launch template | AWS Ap x + - _

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/postLaunchTemplate

Paused

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Application Migration Service

Source servers

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Launch template changed

Application Migration Service > Post-launch template

Post-launch template

This feature allows you to configure and automate actions performed after the server is launched in AWS. The template controls the default post-launch settings of every newly added source server. You can modify the template or individual server settings at any time.

Changes made to the templates will only be applied to newly added source servers.

▼ Post-launch actions settings [Info](#)

Activate post-launch actions	Deployment
No	Test and cutover instances

Edit



Services

Search [Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor

CloudWatch

Launch template changed

[Application Migration Service](#) > [Post-launch template](#) > [Edit post-launch template](#)

Post-launch template Info

Configure actions to be executed on every server, upon server launch

Post-launch actions Info

The service can execute actions on your servers, after they are launched, using AWS Systems Manager (AWS SSM). The service will install the AWS SSM agent, and execute the actions you select.

- Install the Systems Manager agent and allow executing actions on launched servers

⚠ If you do not activate this feature, this service will not install the SSM agent. Post-launch actions will not be executed on any of your servers.

Cancel

Save template

Launch template changed



[Application Migration Service](#) > [Post-launch template](#) > Edit post-launch template

Post-launch template Info

Configure actions to be executed on every server, upon server launch

Post-launch actions Info

The service can execute actions on your servers, after they are launched, using AWS Systems Manager (AWS SSM). The service will install the AWS SSM agent, and execute the actions you select.

- Install the Systems Manager agent and allow executing actions on launched servers

i By continuing, you are allowing AWS Application Migration Service to install the SSM agent and create the IAM roles required to execute automation on launched servers.

Deployment Info

Choose whether to execute the post-launch actions on your cutover instances only, your test instances only or on both your test and cutover instances.

- Test and cutover instances (recommended)

- Cutover instances only
All post-launch actions will only

- Test instances only
All post-launch actions will only

Post-launch template

Configure actions to be executed on every server, upon server launch

Post-launch actions

The service can execute actions on your servers, after they are launched, using AWS Systems Manager (AWS SSM). The service will install the AWS SSM agent, and execute the actions you select.

Install the Systems Manager agent and allow executing actions on launched servers

By continuing, you are allowing AWS Application Migration Service to install the SSM agent and create the IAM roles required to execute automation on launched servers.

Deployment

Choose whether to execute the post-launch actions on your cutover instances only, your test instances only or on both your test and cutover instances.

Test and cutover instances (recommended)

All post-launch actions will be executed on test and cutover instances.

Cutover instances only

All post-launch actions will only be executed on the cutover instances.

Test instances only

All post-launch actions will only be executed on the test instances.

Cancel

Save template



0439 - Amazon Bedrock Works x [Internal] Amazon Bedrock han x Workshop Studio x MGN_DryRun x Post-launch template | AWS Ap x + - _

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/postLaunchTemplate

Services Search [Alt+S] | Oregon | WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor CloudWatch

Application Migration Service

- Source servers
- Applications
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- Global view **New**
- Launch history
- MGN connectors **New**

Import and Export

- Import
- Export

Settings

- Replication template
- Launch template
- Post-launch template**
- User preferences

AWS Migration Hub

Documentation

Launch template changed

Post-launch template saved

[Application Migration Service](#) > Post-launch template

Post-launch template

This feature allows you to configure and automate actions performed after the server is launched in AWS. The template controls the default post-launch settings of every newly added source server. You can modify the template or individual server settings at any time.

Changes made to the templates will only be applied to newly added source servers.

Post-launch actions settings [Info](#) [Edit](#)

Activate post-launch actions	Yes	Deployment	Test and cutover instances
------------------------------	-----	------------	----------------------------

Filter by

Actions (19) [Card view](#) [Edit](#) [Delete](#) [Create action](#)

Find actions

Activation status



0439 - Amazon Bedrock Works x [Internal] Amazon Bedrock han x Workshop Studio x MGN_DryRun x Post-launch template | AWS Ap x + - _

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/postLaunchTemplate

aws Services Search [Alt+S] | CloudWatch

Resource Groups & Tag Editor

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Filter by

Activation status

Active

Not active

Platform

Linux

Windows

Creator

Me

AWS

3rd party

Categories

Backup

Configuration

Disaster recovery

License & subscription

Observability

Operating

Actions (19)

Card view ▾ Edit Delete Create action

Find actions

SSM agent

Powered by AWS SSM

Active

Platform: Windows and Linux Order: 1

Description: Install SSM agent

Replace SUSE subscription

Powered by AWS MGN

Not active

Platform: Linux Order: 20

Description: Convert a SUSE Linux subscription to an AWS provided SUSE... [More](#)

CentOS to Rocky

Powered by AWS MGN

Not active

Platform: Linux Order: 30

Description

Windows MS-SQL license conversion

Powered by AWS MGN

Not active

Platform: Windows Order: 40

Description

Lab Steps: MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate The Applications
- Finalize cutover and Archive Servers



Identity and Access Management (IAM)

Search IAM

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Access reports

Access analyzer

Archive rules

Analyzers

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Credential report

Organization activity

Service control policies (SCPs)

IAM dashboard

Security recommendations

Add MFA for root user

Sign in as the root user (or contact your administrator) and register a multi-factor authentication (MFA) device for the root user to improve security for this account.

Update your access permissions for AWS Billing, Cost Management, and Account consoles

We are replacing the following IAM actions for Billing, Cost Management, and Account consoles with granular IAM actions: aws-portal:ViewBilling, aws-portal:ModifyBilling, aws-portal:ViewAccount, aws-portal:ModifyAccount, aws-portal:ViewPaymentMethods, aws-portal:ModifyPaymentMethods, aws-portal:ViewUsage, purchase-orders:ViewPurchaseOrders, and purchase-orders:ModifyPurchaseOrders. To ensure you don't lose access to AWS Billing, Cost Management, and Account console based features, update your existing IAM policies to include the new IAM actions before July 2023. Examples of features impacted include AWS Cost Explorer, AWS Budgets, Billing console, and more. For more information, please visit [blog](#).

[View affected policies](#)

IAM resources

User groups	Users	Roles	Policies	Identity providers
0	1	18	4	0

What's new

Updates for features in IAM



AWS Account

Account ID

 890547150164

Account Alias

890547150164 [Create](#)

Sign-in URL for IAM users in this account

 <https://890547150164.signin.aws.amazon.com/console>

Tools

Policy simulator

The simulator evaluates the policies that you choose and determines the effective permissions for each of the actions that you specify.

Web identity federation playground

Authenticate yourself to any of the supported web identity providers, see the requests and responses, obtain a set of temporary security credentials, and make calls to the Amazon S3 API using the credentials.

Event Engine - Team Dashboard X IAM Management Console X Migration Immersion Day X +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users

Services Search [Option+S] Global TeamRole/MasterKey @ 8905-4715-0164

Identity and Access Management (IAM)

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Service control policies (SCPs)

IAM > Users

Users (1) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

Add users

User name	Groups	Last activity	MFA	Password a...	Active key age
EEOverlord	None	Never	None	None	-

1 / 1

Orange arrow points to the "Add users" button.

Event Engine - Team Dashboard X IAM Management Console X Migration Immersion Day X +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/create

Services Search [Option+S] Global ▾ TeamRole/MasterKey @ 8905-4715-0164 ▾

IAM > Users > Create user

Step 1 Specify user details

Step 2 Set permissions

Step 3 Review and create

Specify user details

User details

User name The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ _ - (hyphen)

Provide user access to the AWS Management Console - *optional*
If you're providing console access to a person, it's a [best practice](#) to manage their access in IAM Identity Center.

If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. [Learn more](#)

Cancel Next

Event Engine - Team Dashboard X IAM Management Console X Migration Immersion Day X +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/create

Services Search [Option+S] Global TeamRole/MasterKey @ 8905-4715-0164

IAM > Users > Create user

Step 1 Specify user details

Step 2 Set permissions

Step 3 Review and create

Set permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

Permissions options

- Add user to group
Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.
- Copy permissions
Copy all group memberships, attached managed policies, and inline policies from an existing user.
- Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

Get started with groups

Create a group and select policies to attach to the group. We recommend using groups to manage user permissions by job function, AWS service access, or custom permissions. [Learn more](#)

[Create group](#)

► Permissions boundary - optional

Set a permissions boundary to control the maximum permissions for this user. Use this advanced feature used to delegate permission management to others. [Learn more](#)

Cancel Previous Next

IAM > Users > Create user

Step 1

Specify user details

Step 2

Set permissions

Step 3

Review and create

Set permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

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 Attach policies directly

Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

Permissions policies (1062)

Choose one or more policies to attach to your new user.



Create policy

Filter distributions by text, property or value

< 1 2 3 4 5 6 7 ... 54 >



<input type="checkbox"/>	Policy name	Type	Attached entities
<input type="checkbox"/>	AccessAnalyzerServiceRolePolicy	AWS managed	0
<input type="checkbox"/>	AdministratorAccess	AWS managed - job function	5
<input type="checkbox"/>	AdministratorAccess-Amplify	AWS managed	0
<input type="checkbox"/>	AdministratorAccess_AWSSelect	AWS managed	0

workshop studio

▶ Application Discovery Service

▼ MGN

Configure AWS MGN

Service

Configure Default Target
Templates**Create AWS Replication
Agent IAM User**Install the AWS Replication
AgentAWS MGN Migration Life
Cycle

Launch Test Instance

Shutdown Source
Environment

Launch Cutover Instance

Update DNS and Validate
the applicationsFinalize cutover and
Archive Servers

▶ DMS

Cleanup

Cloud Migration Services

▼ Content preferences

Language

Amazon Keypairs, you can generate them after you create this IAM user. [Learn more](#)

Cancel

Next

4. On the **Set Permissions** page, do the following:

- In the **Permissions options** section, choose right-most option **Attach policies directly**
- In the **Permissions policies** section, in the filter box, paste the name of the policy, `AWSApplicationMigrationAgentInstallationPolicy`, and press *Enter* to add a filter

`AWSApplicationMigrationAgentInstallationPolicy`

Copied!

- In the list of policies in the same section, make sure to select the policy found

Make sure you have selected the `AWSApplicationMigrationAgentInstallationPolicy` policy before going to the next page!

- Finally, choose the **Next** option

IAM > Users > Create user

Step 1

Specify user details

Step 2

Set permissions

Set permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

0439 - Amazon Bedrock Works [Internal] Amazon Bedrock han Workshop Studio MGN_DryRun Create user | IAM | Global Paused

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/create

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

Step 2 Set permissions

Step 3 Review and create

Permissions options

- Add user to group
Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.
- Copy permissions
Copy all group memberships, attached managed policies, and inline policies from an existing user.
- Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

Permissions policies (1/1142)

Choose one or more policies to attach to your new user.

Filter by Type

Policy name	Type	Attached entities
AWSApplicationMigrationAgentInstallationPolicy	AWS managed	0

Cancel Previous Next

▶ Set permissions boundary - optional

aws Services

Search [Alt+S]



Global

WSParticipantRole/Participant @ 0862-9466-9868

Resource Groups & Tag Editor

CloudWatch

Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.

Step 2

[Set permissions](#)

Step 3

[Review and create](#)

User details

User name

MGNuser

Console password type

None

Require password reset

No

Permissions summary

Name

Type

Used as

[AWSApplicationMigrationAgentInstallationPolicy](#)

AWS managed

Permissions policy

Tags - optional

Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user.

No tags associated with the resource.

[Add new tag](#)

You can add up to 50 more tags.

[Cancel](#)[Previous](#)[Create user](#)

0439 - Amazon Bedrock Works [Internal] Amazon Bedrock han Workshop Studio MGN_DryRun Users | IAM | Global + Paused : us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users

aws Services Search [Alt+S] Global WSParticipantRole/Participant @ 0862-9466-9868

Resource Groups & Tag Editor CloudWatch

Identity and Access Management (IAM) View user

User created successfully You can view and download the user's password and email instructions for signing in to the AWS Management Console.

IAM > Users

Users (2) Info An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Search

Create user

User name	Path	Groups	Last activity	MFA	Password age	Console
MGNUser	/	0	0	-	-	-
[Redacted]						

Dashboard

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- Account settings

Access reports

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0439 - Amazon Bedrock Works [Internal] Amazon Bedrock han Workshop Studio MGN_DryRun MGNUser | IAM | Global WSParticipantRole/Participant @ 0862-9466-9868 Paused

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/details/MGNUser?section=permissions

aws Services Search [Alt+S] Global WSParticipantRole/Participant @ 0862-9466-9868

Resource Groups & Tag Editor CloudWatch

Identity and Access Management (IAM)

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IAM > Users > MGNuser

MGNuser Info

Delete

Summary

ARN	arn:aws:iam::086294669868:user/MGNuser	Console access	Access key 1
		Disabled	Create access key
Created	October 01, 2023, 21:57 (UTC+08:00)	Last console sign-in	-

Permissions Groups Tags Security credentials Access Advisor

Permissions policies (1)

Permissions are defined by policies attached to the user directly or through groups.

Filter by Type

Search All types

Policy name □ Type Attached via □

1



0439 - Amazon Bedrock Works [Internal] Amazon Bedrock han Workshop Studio MGN_DryRun MGNUser | IAM | Global Paused

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/details/MGNUser?section=security_credentials

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Identity and Access Management (IAM)

Search IAM

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Credential report

IAM > Users > MGNuser

MGNuser Info

Delete

Summary

ARN arn:aws:iam::086294669868:user/MGNuser	Console access Disabled	Access key 1 Create access key
Created October 01, 2023, 21:57 (UTC+08:00)	Last console sign-in -	

Permissions Groups Tags **Security credentials** Access Advisor

Console sign-in

Enable console access

Console sign-in link https://086294669868.signin.aws.amazon.com/console	Console password Not enabled
---	---------------------------------

Multi-factor authentication (MFA) (0)



0439 - Amazon Bedrock Works [Internal] Amazon Bedrock han Workshop Studio MGN_DryRun MGNUser | IAM | Global us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/details/MGNUser?section=security_credentials Paused

Services Search [Alt+S] Global WSParticipantRole/Participant @ 0862-9466-9868

Resource Groups & Tag Editor CloudWatch

Identity and Access Management (IAM)

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Access keys (0)

Use access keys to send programmatic calls to AWS from the AWS CLI, AWS Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time. [Learn more](#)

Create access key

No access keys. As a best practice, avoid using long-term credentials like access keys. Instead, use tools which provide short term credentials. [Learn more](#)

Create access key 

SSH public keys for AWS CodeCommit (0)

User SSH public keys to authenticate access to AWS CodeCommit repositories. You can have a maximum of five SSH public keys (active or inactive) at a time. [Learn more](#)

Actions Upload SSH public key

SSH Key ID	Uploaded	Status
No SSH public keys		

Upload SSH public key

0439 - Amazon Bedrock Works X | [Internal] Amazon Bedrock han X | Workshop Studio X | MGN_DryRun X | Create access key | IAM | Global X +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/details/MGNUser/create-access-key

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

IAM > Users > MGNUser > Create access key

Step 1
Access key best practices & alternatives

Step 2 - optional
Set description tag

Step 3
Retrieve access keys

Access key best practices & alternatives Info

Avoid using long-term credentials like access keys to improve your security. Consider the following use cases and alternatives.

Use case

- Command Line Interface (CLI)
You plan to use this access key to enable the AWS CLI to access your AWS account.
- Local code
You plan to use this access key to enable application code in a local development environment to access your AWS account.
- Application running on an AWS compute service
You plan to use this access key to enable application code running on an AWS compute service like Amazon EC2, Amazon ECS, or AWS Lambda to access your AWS account.
- Third-party service
You plan to use this access key to enable access for a third-party application or service that monitors or manages your AWS resources.
- Application running outside AWS
You plan to use this access key to authenticate workloads running in your data center or other infrastructure outside of AWS that needs to access your AWS resources.



0439 - Amazon Bedrock Works X | [Internal] Amazon Bedrock han X | Workshop Studio X | MGN_DryRun X | Create access key | IAM | Global X +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/details/MGNUser/create-access-key

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Set description tag

Step 3 Retrieve access keys

Use case

- Command Line Interface (CLI)
You plan to use this access key to enable the AWS CLI to access your AWS account.
- Local code
You plan to use this access key to enable application code in a local development environment to access your AWS account.
- Application running on an AWS compute service
You plan to use this access key to enable application code running on an AWS compute service like Amazon EC2, Amazon ECS, or AWS Lambda to access your AWS account.
- Third-party service
You plan to use this access key to enable access for a third-party application or service that monitors or manages your AWS resources.
- Application running outside AWS
You plan to use this access key to authenticate workloads running in your data center or other infrastructure outside of AWS that needs to access your AWS resources.
- Other
Your use case is not listed here.

Alternative recommended

Use IAM Roles Anywhere to generate temporary security credentials for non AWS workloads accessing

0439 - Amazon Bedrock Works X | [Internal] Amazon Bedrock han X | Workshop Studio X | MGN_DryRun X | Create access key | IAM | Global X +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/details/MGNUser/create-access-key

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Local code
You plan to use this access key to enable application code in a local development environment to access your AWS account.

Application running on an AWS compute service
You plan to use this access key to enable application code running on an AWS compute service like Amazon EC2, Amazon ECS, or AWS Lambda to access your AWS account.

Third-party service
You plan to use this access key to enable access for a third-party application or service that monitors or manages your AWS resources.

Application running outside AWS
You plan to use this access key to authenticate workloads running in your data center or other infrastructure outside of AWS that needs to access your AWS resources.

Other
Your use case is not listed here.

Alternative recommended
Use IAM Roles Anywhere to generate temporary security credentials for non AWS workloads accessing AWS services. [Learn more about providing access for non AWS workloads.](#)

Cancel Next ←



Services

Search [Alt+S]



Global ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor

CloudWatch

[IAM](#) > [Users](#) > [MGNuser](#) > Create access key

Step 1

[Access key best practices & alternatives](#)

Step 2 - optional

Set description tag

Step 3

Retrieve access keys

Set description tag - optional Info

The description for this access key will be attached to this user as a tag and shown alongside the access key.

Description tag value

Describe the purpose of this access key and where it will be used. A good description will help you rotate this access key confidently later.

Maximum 256 characters. Allowed characters are letters, numbers, spaces representable in UTF-8, and: _ . : / = + - @

[Cancel](#)[Previous](#)[Create access key](#)

0439 - Amazon Bedrock Works X | [Internal] Amazon Bedrock han X | Workshop Studio X | MGN_DryRun X | Create access key | IAM | Global X +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/details/MGNUser/create-access-key

Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Access key created

This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key any time.

IAM / USERS / MGNUser / Create access key

Step 1

[Access key best practices & alternatives](#)

Step 2 - optional

[Set description tag](#)

Step 3

[Retrieve access keys](#)

Retrieve access keys Info

Access key

If you lose or forget your secret access key, you cannot retrieve it. Instead, create a new access key and make the old key inactive.

Access key	Secret access key
<input type="button" value="Copy"/> AKIARIF4QFIWDREOMTRT	<input type="button" value="Copy"/> ***** Show

Access key best practices

- Never store your access key in plain text, in a code repository, or in code.
- Disable or delete access key when no longer needed.
- Enable least-privilege permissions.
- Rotate access keys regularly.

For more details about managing access keys, see the [best practices for managing AWS access keys](#).

Download .csv file Done



0439 - Amazon Bedrock Works X | [Internal] Amazon Bedrock han X | Workshop Studio X | MGN_DryRun X | Create access key | IAM | Global X +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/details/MGNUser/create-access-key

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Access key created

This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key.

IAM / USERS / MGNUser / Create access key

Step 1

Access key best practices & alternatives

Step 2 - optional

Set description tag

Step 3

Retrieve access keys

Retrieve access keys Info

Access key

If you lose or forget your secret access key, you cannot retrieve it. Instead, create a new access key and make the old key inactive.

Access key	Secret access key
<input type="checkbox"/> AKIARIF4QFIWDREOMTRT	<input type="checkbox"/> ***** Show

Access key best practices

- Never store your access key in plain text, in a code repository, or in code.
- Disable or delete access key when no longer needed.
- Enable least-privilege permissions.
- Rotate access keys regularly.

For more details about managing access keys, see the [best practices for managing AWS access keys](#).

Download .csv file Done

MGNUser_accessKeys.csv
99 B • Done

0439 - Amazon Bedrock Works [Internal] Amazon Bedrock han Workshop Studio MGN_DryRun MGNUser | IAM | Global us-east-1.console.aws.amazon.com/iamv2/home?region=us-west-2#/users/details/MGNUser?section=security_credentials Paused

aws Services Search [Alt+S] Global WSParticipantRole/Participant @ 0862-9466-9868

Resource Groups & Tag Editor CloudWatch

Identity and Access Management (IAM)

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- Credential report

IAM > Users > MGNuser

MGNuser Info

Delete

Summary

ARN	arn:aws:iam::086294669868:user/MGNuser	Console access	Access key 1
		Disabled	AKIARIF4QFIWDREOMTRT - Active
Created	October 01, 2023, 21:57 (UTC+08:00)	Last console sign-in	<small>Never used. Created today.</small>
		-	Access key 2
			Create access key

Permissions Groups Tags Security credentials Access Advisor

Console sign-in

Enable console access

Console sign-in link	Console password
https://086294669868.signin.aws.amazon.com/console	Not enabled

Lab Steps: MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate The Applications
- Finalize cutover and Archive Servers

aws workshop studio

Application Discovery Service

MGN

- Configure AWS MGN
- Service
- Configure Default Target
- Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent**
- AWS MGN Migration Life Cycle
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate the applications
- Finalize cutover and Archive Servers

DMS

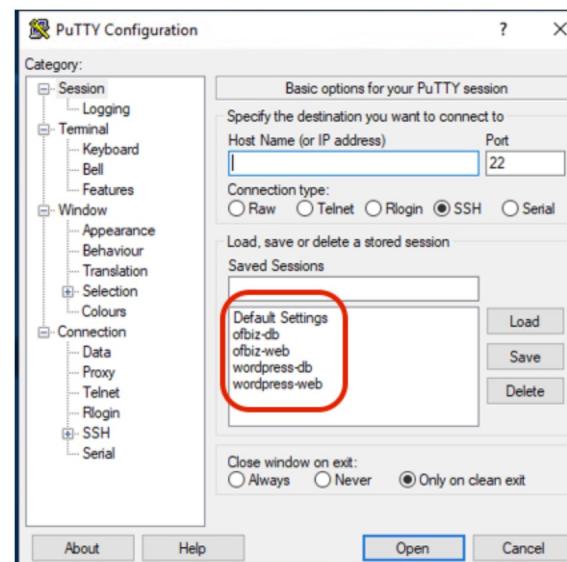
Cleanup

Content preferences

Install the AWS Replication Agent

AWS Application Migration Service replicates data to AWS using an agent that must be installed on the source server.

1. Connect Bastion host machine as mentioned [here](#).
2. Open **Putty** on Windows **Bastion** host machine.



The screenshot shows the PuTTY Configuration window. The left pane displays the 'Category' tree with options like Session, Terminal, Window, Connection, and SSH. The right pane shows 'Basic options for your PuTTY session'. It includes fields for 'Host Name (or IP address)' (set to '1') and 'Port' (set to '22'). Under 'Connection type', 'SSH' is selected. Below these are sections for 'Saved Sessions' and 'Close window on exit'. A red circle highlights the 'Saved Sessions' list, which contains two entries: 'Default Settings' and 'ofbiz-db'. Under 'ofbiz-db', there are two more entries: 'ofbiz-web' and 'wordpress-db'. Under 'wordpress-db', there are also two entries: 'wordpress-web'.

3. Four sessions for each server per application (Offbiz, Wordpress, each has -web and -db servers) are pre-configured

0439 - Amazon Bedrock Works [Internal] Amazon Bedrock han Workshop Studio MGN_DryRun Active source servers | AWS Ap + Paused

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Oregon WSParticipantRole/Participant @ 0862-9466-9868

Application Migration Service

Source servers

Applications Waves Global view Launch history MGN connectors Import and Export Import Export Settings Replication template Launch template Post-launch template User preferences AWS Migration Hub Documentation

Application Migration Service > Active source servers

Source servers

How it works

Setup service	Import inventory - <i>optional</i>	Replicate to AWS	Test	Cutover
Initialize the service with default replication, launch and post-launch templates.	Import waves, application and server definitions, including EC2 launch template attributes.	Option one: Install the replication agent on the source servers. Option two: Install the MGN connector in your data center and use it to install the replication agent across your inventory. Option three: Install the appliance in your vCenter, and activate	Launch instances in EC2, to verify your applications work as expected. Post-launch actions are automatically activated.	Launch cutover instances in EC2, for production. Post-launch actions are automatically activated. Finalize your migration to remove the agent from your source servers.

0439 - Amazon Bedrock Works x | [Internal] Amazon Bedrock han x | Workshop Studio x | MGN_DryRun x | Add server | AWS Application M x +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers/addServers

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Oregon WSParticipantRole/Participant @ 0862-9466-9868

Application Migration Service > Active source servers > Add server

Add server

To add your source server to this console, you need to install the AWS Replication Agent on it. Use the options below to construct the installation command, then copy the command and download the installer. [Learn more](#)

Agentless replication is available. [Learn more](#)

AWS Replication Agent installation

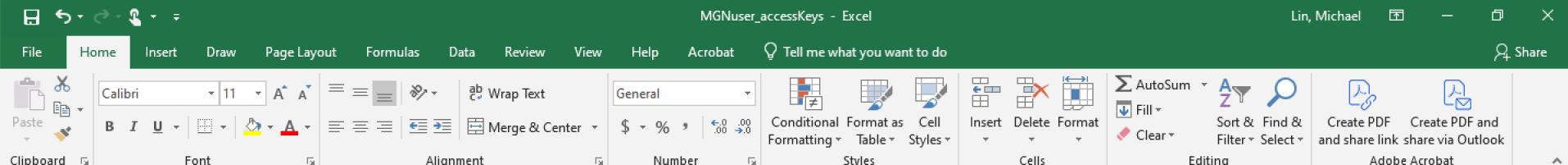
1. Select your operating system
 - Linux
 - Windows
 - Legacy OS: Windows Server 2003 or Windows Server 2008
2. Select your replication preferences [Info](#)

Replicate all disks ▾
3. Provide the required credentials [Info](#)

Create an IAM role or user with the `AWSApplicationMigrationAgentInstallationPolicy` policy.

IAM access key ID

IAM secret access key



E8		X	✓	f(x)	
1	Access key ID	Secret access key			
2	AKIARIF4QFIWDREOMTRT	Xq6tO0uU/Rl1t8WoJDxmYrF9DriOLRkcf4pPCTs			
3					
4					
5					
6					
7					
8					
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28					

0439 - Amazon Bedrock Works [Internal] Amazon Bedrock han Workshop Studio MGN_DryRun Add server | AWS Application Paused

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers/addServers

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Legacy OS: Windows Server 2003 or Windows Server 2008

2. Select your replication preferences Info

Replicate all disks

3. Provide the required credentials Info

Create an IAM role or user with the `AWSApplicationMigrationAgentInstallationPolicy` policy.

IAM access key ID
AKIARIF4QFIWDREOMTR1 

IAM secret access key
This form does not send the secret – it only adds it to the installation command you can copy

Session token
Session token is only required when using temporary credentials

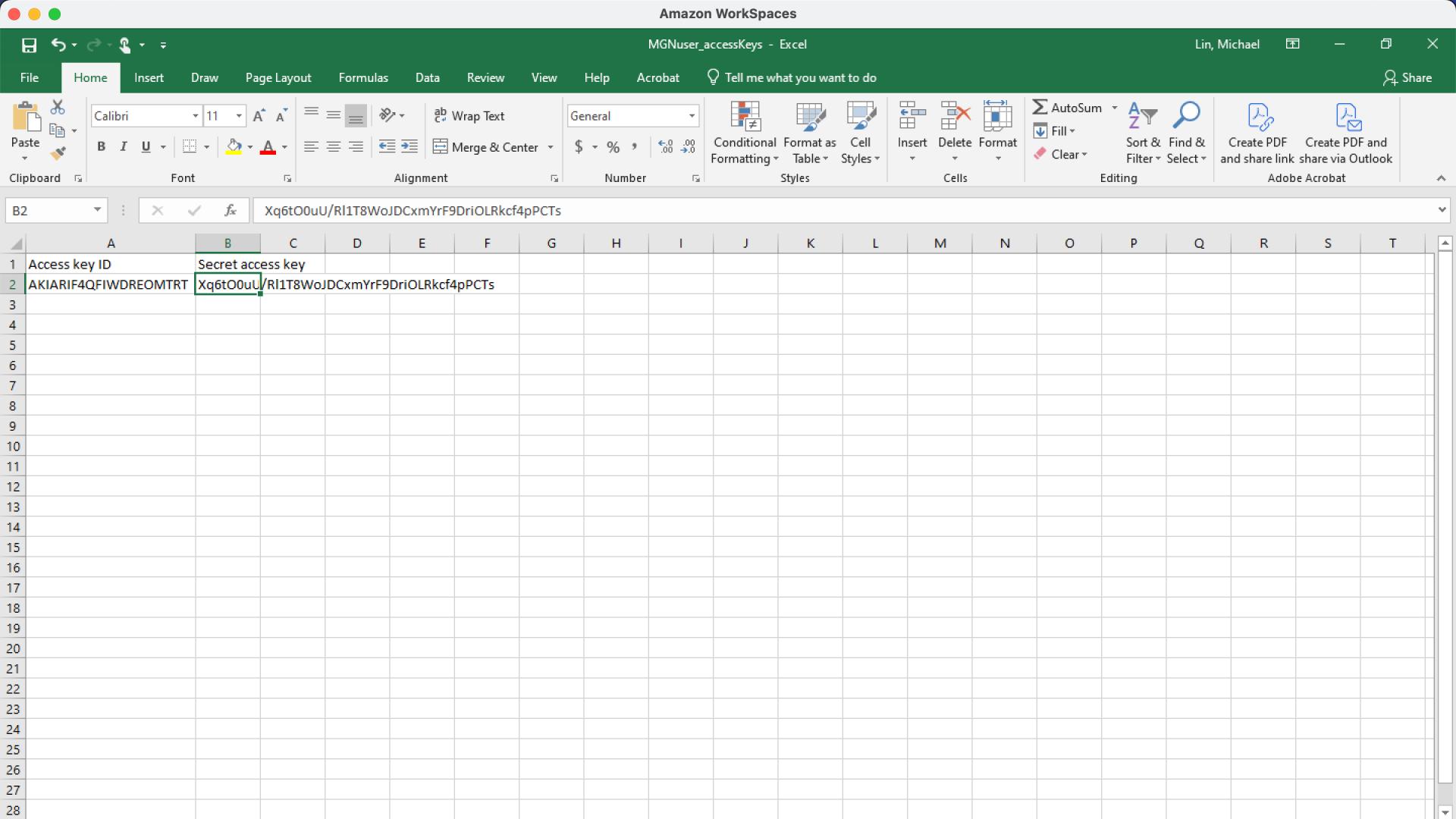
4. User provided resource id - *optional* Info

5. Download the installer using this command:

```
sudo wget -O ./aws-replication-installer-init https://aws-application-  
| Copy
```

If you need to validate the installer hash, the correct hash can be found here:
<https://aws-application-migration-service-hashes-us-west-2.s3.us-west-2.amazonaws.com/latest/linux/aws-replication-installer-init.sha512>

6. Copy and input the command below into the command line on your source server.



0439 - Amazon Bedrock Works [Internal] Amazon Bedrock han Workshop Studio MGN_DryRun Add server | AWS Application Paused

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers/addServers

aws Services Search [Alt+S]

Resource Groups & Tag Editor CloudWatch

Legacy OS: Windows Server 2003 or Windows Server 2008

2. Select your replication preferences Info

Replicate all disks

3. Provide the required credentials Info

Create an IAM role or user with the `AWSApplicationMigrationAgentInstallationPolicy` policy.

IAM access key ID

AKIARIF4QFIWDREOMTRT

IAM secret access key

This form does not send the secret – it only adds it to the installation command you can copy

.....  Show

Session token

Session token is only required when using temporary credentials

4. User provided resource id - optional Info

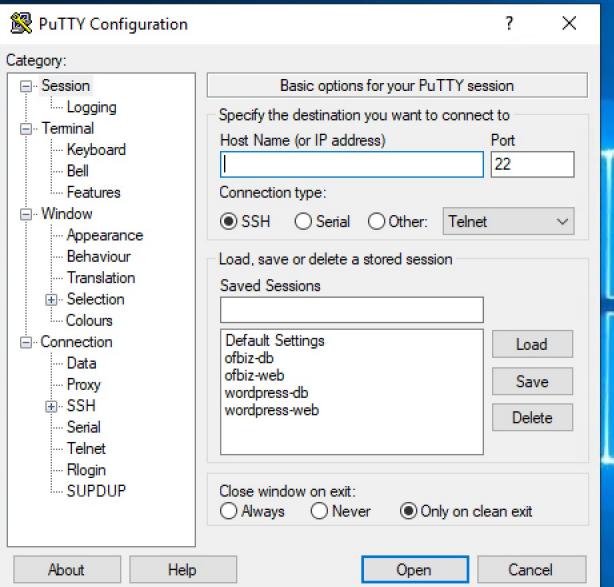
5. Download the installer using this command:

```
sudo wget -O ./aws-replication-installer-init https://aws-application-  
^  
Copy
```

If you need to validate the installer hash, the correct hash can be found here:
<https://aws-application-migration-service-hashes-us-west-2.s3.us-west-2.amazonaws.com/latest/linux/aws-replication-installer-init.sha512>

6. Copy and input the command below into the command line on your source server.

Hostname: EC2AMAZ-HKO1GMH
Instance ID: i-0179367f66e8fdd43
Public IPv4 Address: 44.238.12.195
Private IPv4 Address: 192.168.0.194
Instance Size: c4.large
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 3840 MB
Network Performance: Moderate



Recycle Bin

Google Chrome

Architecture

credentials

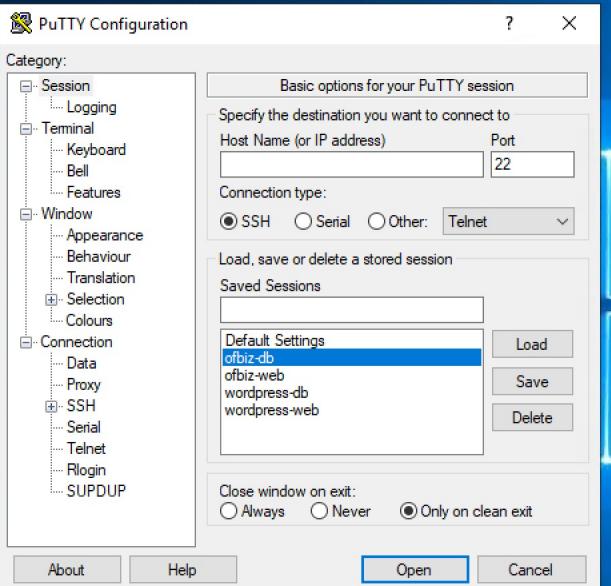
EC2 Feedback

EC2 Micros...

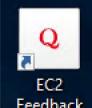
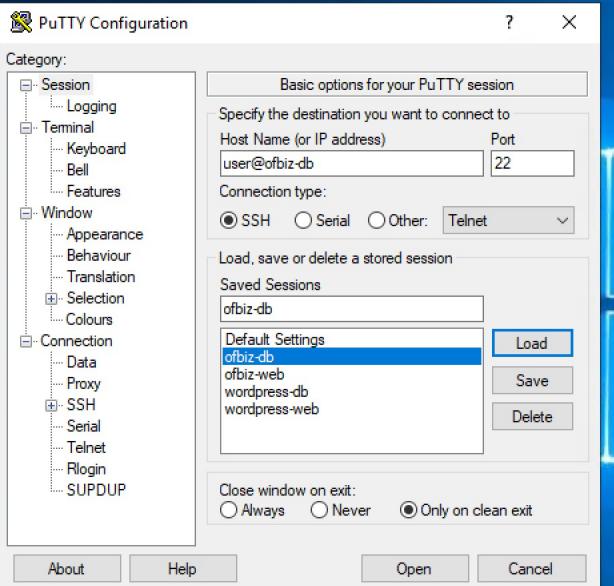
Microsoft Remote...

Putty

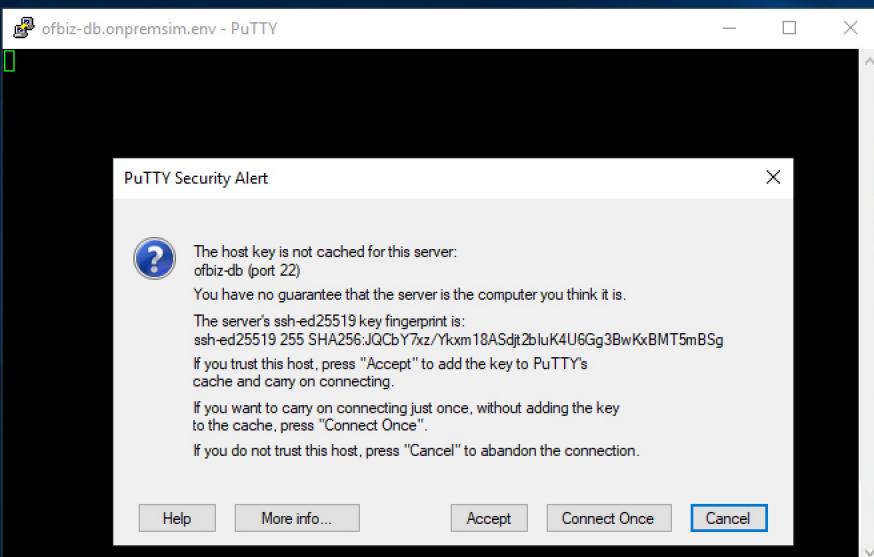
Hostname: EC2AMAZ-HKO1GMH
Instance ID: i-0179367f66e8fdd43
Public IPv4 Address: 44.238.12.195
Private IPv4 Address: 192.168.0.194
Instance Size: c4.large
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Hostname: EC2AMAZ-HKO1GMH
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Public IPv4 Address: 44.238.12.195
Private IPv4 Address: 192.168.0.194
Instance Size: c4.large
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 3840 MB
Network Performance: Moderate



Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...

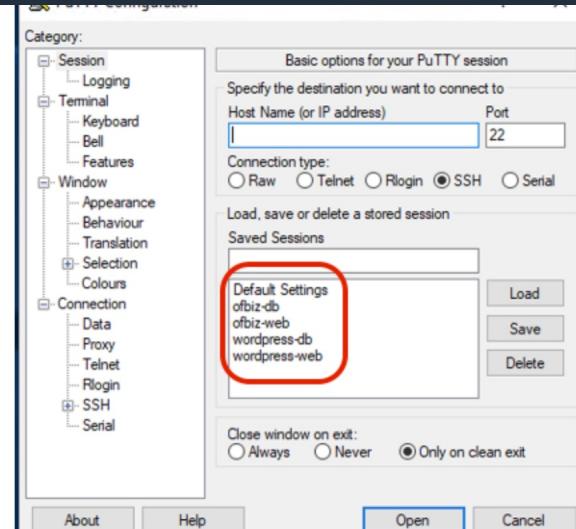


Microsoft Remote...



Putty

catalog.us-east-1.prod.workshops.aws/workshops/a033522c-f256-40f9-9ecb-5b76a71589bc/en-US/rehost/mgn/4-install-aws-replication-agent



The Putty configuration window displays a tree view of settings under 'Category'. Under 'Session', there are sections for Logging, Terminal, Window, Appearance, Selection, Connection, and SSH. The 'Saved Sessions' panel shows four entries: 'Default Settings', 'ofbiz-db', 'ofbiz-web', 'wordpress-db', and 'wordpress-web'. The 'ofbiz-db' entry is highlighted with a red circle.

Install the AWS Replication Agent

AWS MGN Migration Life Cycle

Launch Test Instance

Shutdown Source Environment

Launch Cutover Instance

Update DNS and Validate the applications

Finalize cutover and Archive Servers

DMS

Cleanup

Content preferences

aws workshop studio

Application Discovery Service

MGN

Configure AWS MGN Service

Configure Default Target Templates

Create AWS Replication Agent IAM User

AWS MGN Migration Life Cycle

Launch Test Instance

Shutdown Source Environment

Launch Cutover Instance

Update DNS and Validate the applications

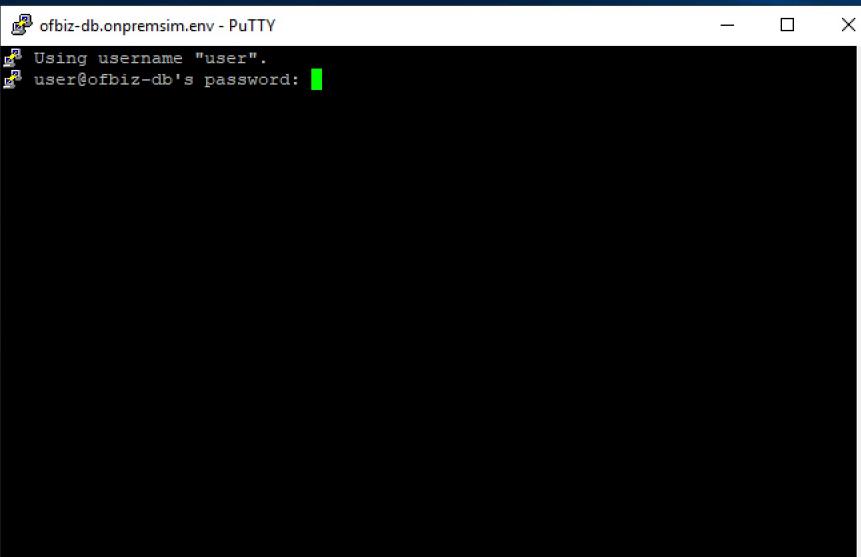
Finalize cutover and Archive Servers

Optional activity

There are two options to create installation commands:

- using AWS MGN console **Source Servers -> Add server** to prepare installer commands (the recommended way)
- manually creating command line for the installer, use the optional instructions in the right tab

Hostname: EC2AMAZ-HKO1GMH
Instance ID: i-0179367f66e8fd43
Public IPv4 Address: 44.238.12.195
Private IPv4 Address: 192.168.0.194
Instance Size: c4.large
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 3840 MB
Network Performance: Moderate



Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...



Microsoft Remote...



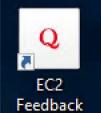
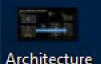
Putty

Hostname: EC2AMAZ-HKO1GMH
Instance ID: i-0179367f6e8fdd43
Public IPv4 Address: 44.238.12.195
Private IPv4 Address: 192.168.0.194
Instance Size: c4.large
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 3840 MB
Network Performance: Moderate



user@ofbiz-db:~

```
Using username "user".
user@ofbiz-db's password:
Last failed login: Sun Oct  1 14:21:13 UTC 2023 from 192.168.0.194 on ssh:notty
There were 2 failed login attempts since the last successful login.
[user@ofbiz-db ~]$
```



Amazon WorkSpaces

ec2-44-238-12-195.us-west-2.compute.amazonaws.com

Hostname: EC2AMAZ-HKO1GMH



Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...



Microsoft Remote...



Putty

user@ofbiz-db:~

```
Using username "user".
user@ofbiz-db's password:
Last failed login: Sun Oct  1 14:21:13 UTC 2023 from 192.168.0.194 on ssh:notty
There were 2 failed login attempts since the last successful login.
[user@ofbiz-db ~]$ 
```

user@ofbiz-web:~

```
Using username "user".
user@ofbiz-web's password:
[user@ofbiz-web ~]$ 
```

user@wordpress-db:~

```
Using username "user".
user@wordpress-db's password:
[user@wordpress-db ~]$ 
```

user@wordpress-web:~

```
Using username "user".
user@wordpress-web's password:
[user@wordpress-web ~]$ 
```

Create an IAM role or user with the AWSApplicationMigrationAgentInstallationPolicy policy

IAM access key ID

AKIARIF4QFIWDREOMTRT

IAM secret access key

This form does not send the secret – it only adds it to the installation command you can copy.

.....

Show

Session token

Session token is only required when using temporary credentials

4. User provided resource id - *optional* Info

5. Download the installer using this command:

 Command copied

 Copy

If you need to validate the installer hash, the correct hash can be found here.

If you need to validate the installer hash, the correct hash can be found here:
<https://aws-application-migration-service-hashes-us-west-2.s3.us-west-2.amazonaws.com/latest/linux/aws-replication-installer-init.sha512>

6. Copy and input the command below into the command line on your source server.

```
sudo chmod +x aws-replication-installer-init; sudo ./aws-replication
```

 Copy

Bac

Amazon WorkSpaces

ec2-44-238-12-195.us-west-2.compute.amazonaws.com

Hostname: EC2AMAZ-HKO1GMH



Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...



Microsoft Remote...



Putty

user@ofbiz-db:~

```
Using username "user".
user@ofbiz-db's password:
Last failed login: Sun Oct  1 14:21:13 UTC 2023 from 192.168.0.194 on ssh:notty
There were 2 failed login attempts since the last successful login.
[user@ofbiz-db ~]$ sudo wget -O ./aws-replication-installer-init https://aws-application-migration-service-us-west-2.s3.us-west-2.amazonaws.com/latest/linux/aws-replication-installer-init
```

user@ofbiz-web:~

```
Using username "user".
user@ofbiz-web's password:
[user@ofbiz-web ~]$ sudo wget -O ./aws-replication-installer-init https://aws-application-migration-service-us-west-2.s3.us-west-2.amazonaws.com/latest/linux/aws-replication-installer-init
```

user@wordpress-db:~

```
Using username "user".
user@wordpress-db's password:
[user@wordpress-db ~]$ sudo wget -O ./aws-replication-installer-init https://aws-application-migration-service-us-west-2.s3.us-west-2.amazonaws.com/latest/linux/aws-replication-installer-init
```

user@wordpress-web:~

```
Using username "user".
user@wordpress-web's password:
[user@wordpress-web ~]$ sudo wget -O ./aws-replication-installer-init https://aws-application-migration-service-us-west-2.s3.us-west-2.amazonaws.com/latest/linux/aws-replication-installer-init
```


Amazon WorkSpaces

ec2-44-238-12-195.us-west-2.compute.amazonaws.com

Hostname: EC2AMAZ-HKO1GMH



Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...



Microsoft Remote...



Putty

user@ofbiz-db:~

```
[user@ofbiz-db ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDRREOMTRT --aws-secret-access-key Xq6tO0uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
```

user@ofbiz-web:~

```
[user@ofbiz-web ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDRREOMTRT --aws-secret-access-key Xq6tO0uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
```

user@wordpress-db:~

```
[user@wordpress-db ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDRREOMTRT --aws-secret-access-key Xq6tO0uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
```

user@wordpress-web:~

```
[user@wordpress-web ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDRREOMTRT --aws-secret-access-key Xq6tO0uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
```



Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...



Microsoft Remote...



Putty

user@ofbiz-db:~

```
[user@ofbiz-db ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDRREOMTRT --aws-secret-access-key Xq6tO0uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
The installation of the AWS Replication Agent has started.
Identifying volumes for replication.
Identified volume for replication: /dev/nvme0n1 of size 8 GiB
All volumes for replication were successfully identified.
Downloading the AWS Replication Agent onto the source server...
Finished.
Installing the AWS Replication Agent onto the source server...
[
```

user@ofbiz-web:~

```
[user@ofbiz-web ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDRREOMTRT --aws-secret-access-key Xq6tO0uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
The installation of the AWS Replication Agent has started.
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All volumes for replication were successfully identified.
Downloading the AWS Replication Agent onto the source server...
Finished.
Installing the AWS Replication Agent onto the source server...
[
```

user@wordpress-db:~

```
[user@wordpress-db ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDRREOMTRT --aws-secret-access-key Xq6tO0uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
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All volumes for replication were successfully identified.
Downloading the AWS Replication Agent onto the source server...
Finished.
Installing the AWS Replication Agent onto the source server...
[
```

user@wordpress-web:~

```
[user@wordpress-web ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDRREOMTRT --aws-secret-access-key Xq6tO0uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
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All volumes for replication were successfully identified.
Downloading the AWS Replication Agent onto the source server...
Finished.
Installing the AWS Replication Agent onto the source server...
[
```



Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...



Microsoft Remote...



Putty

user@ofbiz-db:~

```
[user@ofbiz-db ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDR0MTRT --aws-secret-access-key Xq6t00uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
The installation of the AWS Replication Agent has started.
Identifying volumes for replication.
Identified volume for replication: /dev/nvme0n1 of size 8 GiB
All volumes for replication were successfully identified.
Downloading the AWS Replication Agent onto the source server...
Finished.
Installing the AWS Replication Agent onto the source server...
Finished.
Syncing the source server with the Application Migration Service Console...
Finished.
The following is the source server ID: s-51d7394c5d41abe34.
You now have 2 active source servers out of a total quota of 150.
Learn more about increasing source servers limit at https://docs.aws.amazon.com/mgn/latest/ug/MGN-service-limits.html
The AWS Replication Agent was successfully installed.
[user@ofbiz-db ~]$ 
```

user@ofbiz-web:~

```
[user@ofbiz-web ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDR0MTRT --aws-secret-access-key Xq6t00uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
The installation of the AWS Replication Agent has started.
Identifying volumes for replication.
Identified volume for replication: /dev/nvme0n1 of size 8 GiB
All volumes for replication were successfully identified.
Downloading the AWS Replication Agent onto the source server...
Finished.
Installing the AWS Replication Agent onto the source server...
Finished.
Syncing the source server with the Application Migration Service Console...
Finished.
The following is the source server ID: s-5207fff4fe97b6921.
You now have 1 active source server out of a total quota of 150.
Learn more about increasing source servers limit at https://docs.aws.amazon.com/mgn/latest/ug/MGN-service-limits.html
The AWS Replication Agent was successfully installed.
[user@ofbiz-web ~]$ 
```

user@wordpress-db:~

```
[user@wordpress-db ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDR0MTRT --aws-secret-access-key Xq6t00uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
The installation of the AWS Replication Agent has started.
Identifying volumes for replication.
Identified volume for replication: /dev/nvme0n1 of size 8 GiB
All volumes for replication were successfully identified.
Downloading the AWS Replication Agent onto the source server...
Finished.
Installing the AWS Replication Agent onto the source server...
Finished.
Syncing the source server with the Application Migration Service Console...
Finished.
The following is the source server ID: s-5b64393alffe6a92fd.
You now have 3 active source servers out of a total quota of 150.
Learn more about increasing source servers limit at https://docs.aws.amazon.com/mgn/latest/ug/MGN-service-limits.html
The AWS Replication Agent was successfully installed.
[user@wordpress-db ~]$ 
```

user@wordpress-web:~

```
[user@wordpress-web ~]$ sudo chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init --region us-west-2 --aws-access-key-id AKIARIF4QFIWDR0MTRT --aws-secret-access-key Xq6t00uU/R11T8WoJDCxmYrF9DriOLRkcf4pPCTs --no-prompt
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All volumes for replication were successfully identified.
Downloading the AWS Replication Agent onto the source server...
Finished.
Installing the AWS Replication Agent onto the source server...
Finished.
Syncing the source server with the Application Migration Service Console...
Finished.
The following is the source server ID: s-51f8flc0ccfc42842d.
You now have 4 active source servers out of a total quota of 150.
Learn more about increasing source servers limit at https://docs.aws.amazon.com/mgn/latest/ug/MGN-service-limits.html
The AWS Replication Agent was successfully installed.
[user@wordpress-web ~]$ 
```



Services

Search

[Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾

Resource Groups & Tag Editor

CloudWatch

Application Migration Service



Source servers

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Application Migration Service > Active source servers

Source servers (4)

Actions ▾

Replication ▾

Test and cutover ▾

Add server

▶ How it works

▼ Migration Metrics

Alerts Info

Filter servers

Select status to filter

Data replication status Info

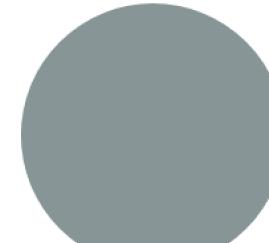
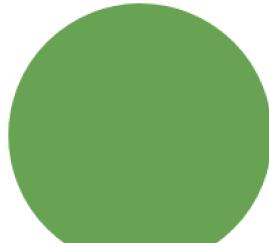
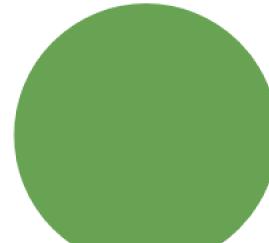
Filter servers

Select status to filter

Migration lifecycle Info

Filter servers

Select status to filter



CloudShell Feedback



Type here to search



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aws Services

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Global view [New](#)

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Import and Export

Import

Export

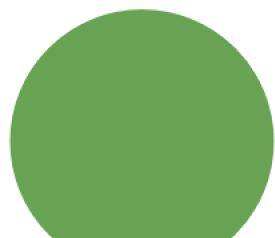
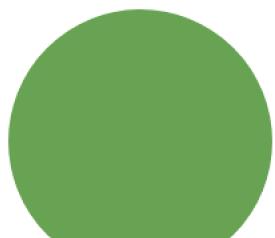
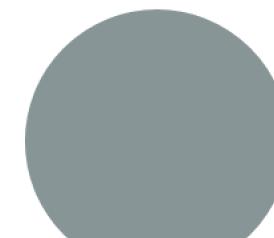
Settings

Replication template

Launch template

Post-launch template

User preferences

AWS Migration Hub [x](#)Documentation [x](#)H...
4...I...
4...N...
4...

Active source servers

Filter source servers by property or value

< 1 >



<input type="checkbox"/>	Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
<input type="checkbox"/>	ofbiz-db.onpremsim.env	-	Not ready	Initiating	-	Wait for initia
<input type="checkbox"/>	ofbiz-web.onpremsim.env	-	Not ready	Initiating	-	Wait for initia
<input type="checkbox"/>	wordpress-db.onpremsim.env	-	Not ready	Initiating	-	Wait for initia
<input type="checkbox"/>	wordpress-web.onpremsim.env	-	Not ready	Initiating	-	Wait for initia

This account is currently replicating 4 servers out of a quota of 150 concurrent replicating servers. [Learn more](#)

aws workshop studio

▶ Application Discovery Service

▼ MGN

Configure AWS MGN

Service

Configure Default Target
TemplatesCreate AWS Replication
Agent IAM UserInstall the AWS Replication
Agent**AWS MGN Migration Life
Cycle**

Launch Test Instance

Shutdown Source

Environment

Launch Cutover Instance

Update DNS and Validate
the applicationsFinalize cutover and
Archive Servers

▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

[Migration Immersion Day](#) > [Re-Host & Re-Platform](#) > [MGN](#) > AWS MGN Migration Life Cycle

AWS MGN Migration Life Cycle

Monitoring replication progress.

You should see the progress bar for each server once you click on it. It starts with 0% and can take ~15-20 minutes to complete the replication for each server.

To initiate the replication, AWS MGN goes through a series of **replication initial steps** for each of the source servers. When all initial steps are completed and marked green, AWS MGN starts replicating the data and will enable the **replication progress bar**.

[Application Migration Service](#) > [Source servers](#) > [wordpress-web.onpremsim.env](#)**wordpress-web.onpremsim.env (s-5)**

Actions ▾

Replication ▾

Test and cutover ▾

Next actions [Info](#)

Wait for initial sync to complete

Lifecycle [Info](#)[Migration dashboard](#) | [Server info](#) | [Tags](#) | [Disks settings](#) | [Replication settings](#) | [Launch settings](#) | [Post-launch settings](#)

aws

Services

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Resource Groups & Tag Editor

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Application Migration Service



Source servers

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Launch history

MGN connectors [New](#)

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Import

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Settings

Replication template

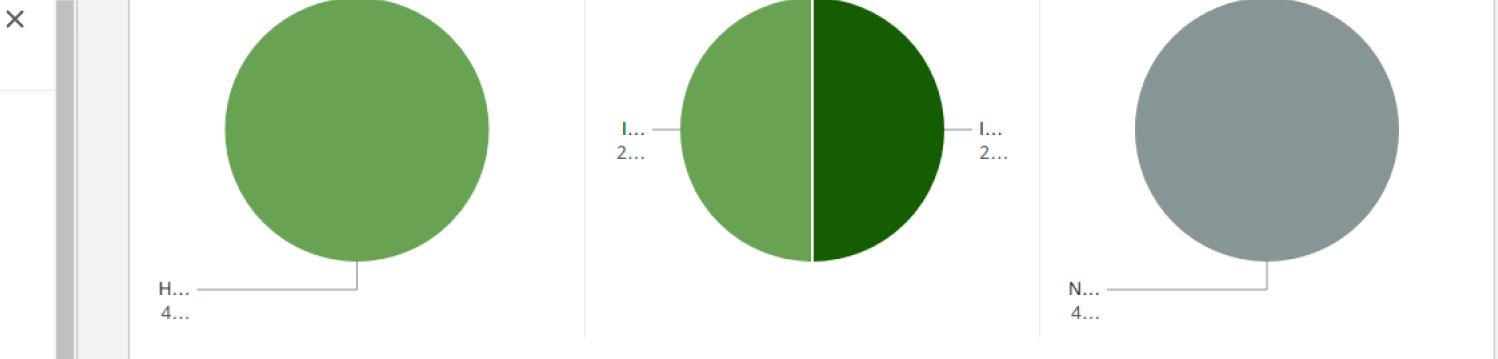
Launch template

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AWS Migration Hub

Documentation



Active source servers

Filter source servers by property or value



<input type="checkbox"/>	Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
<input type="checkbox"/>	ofbiz-db.onpremsim.env	-	Not ready	Initial sync 21% 16 min left	-	Wait for ini
<input type="checkbox"/>	ofbiz-web.onpremsim.env	-	Not ready	Initial sync 39% 8 min left	-	Wait for ini
<input type="checkbox"/>	wordpress-db.onpremsim.env	-	Not ready	Initiating	-	Wait for ini
<input type="checkbox"/>	wordpress-web.onpremsim.env	-	Not ready	Initiating	-	Wait for ini

This account is currently replicating 4 servers out of a quota of 150 concurrent replicating servers. [Learn more](#)

aws Services

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Oregon

WSParticipantRole/Participant @ 0862-9466-9868

Resource Groups & Tag Editor

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Application Migration Service



Source servers

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MGN connectors [New](#)

Import and Export

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Settings

Replication template

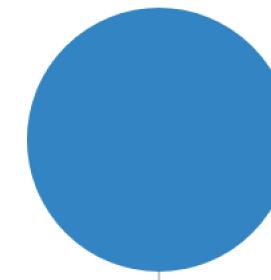
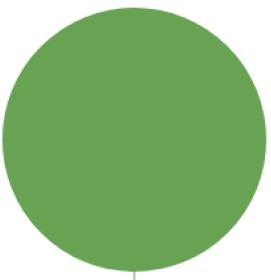
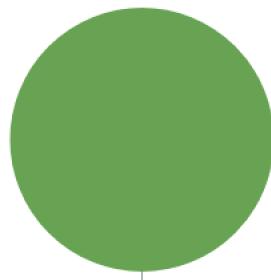
Launch template

Post-launch template

User preferences

AWS Migration Hub

Documentation



Active source servers

Filter source servers by property or value

< 1 >

<input type="checkbox"/>	Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
<input type="checkbox"/>	ofbiz-db.onpremsim.env	-	Ready for testing	Healthy	4 minutes ago	Launch test in
<input type="checkbox"/>	ofbiz-web.onpremsim.env	-	Ready for testing	Healthy	5 minutes ago	Launch test in
<input type="checkbox"/>	wordpress-db.onpremsim.env	-	Ready for testing	Healthy	4 minutes ago	Launch test in
<input type="checkbox"/>	wordpress-web.onpremsim.env	-	Ready for testing	Healthy	4 minutes ago	Launch test in

This account is currently replicating 4 servers out of a quota of 150 concurrent replicating servers. [Learn more](#)

Lab Steps: MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate The Applications
- Finalize cutover and Archive Servers

▶ Application Discovery Service

▼ MGN

Configure AWS MGN Service

Configure Default Target Templates

Create AWS Replication Agent IAM User

Install the AWS Replication Agent

AWS MGN Migration Life Cycle

Launch Test Instance

Shutdown Source Environment

Launch Cutover Instance

Update DNS and Validate the applications

Finalize cutover and Archive Servers

▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

English

Launch Test Instance

1. Once server status changed to "Ready for testing" on AWS Application Migration Service console. You can perform testing on that server.

Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
ofbiz-db.onpremenv	-	Ready for testing	Healthy	2 minutes ago	Launch test instance
ofbiz-web.onpremenv	-	Ready for testing	Healthy	2 minutes ago	Launch test instance
wordpress-db.onpremenv	-	Ready for testing	Healthy	2 minutes ago	Launch test instance
wordpress-web.onpremenv	-	Ready for testing	Healthy	a minute ago	Launch test instance

2. Select instance to launch in test mode. Click **Test and Cutover** on top right, then select **Launch Test Instance**.

Event Engine - Team Dashboard X Active source servers | Application Migration Service Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Source servers

Applications New Waves New Launch history

Settings

Replication template Launch template Post-launch template User preferences

Import and Export

Import New Export New

AWS Migration Hub Documentation Release Notes

Launch Settings changed
Launch Settings has been changed for s-54765fa2ce315b6fd

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Active source servers Filter source servers by property or value

<input checked="" type="checkbox"/> Source server name	Alerts ▾	Migration lifecycle ▾	Data replication status ▾	Last snapshot ▾	Next step
ofbiz-db.onpremsim.env	-	Ready for testing	Healthy	4 minutes ago	Launch test instance
ofbiz-web.onpremsim.env	-	Ready for testing	Healthy	9 minutes ago	Launch test instance
wordpress-db.onpremsim.env	-	Ready for testing	Healthy	7 minutes ago	Launch test instance
wordpress-web.onpremsim.env	-	Ready for testing	Healthy	7 minutes ago	Launch test instance

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Event Engine - Team Dashboard X Active source servers | Application Migration Service Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Source servers

Applications New Waves New Launch history

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- Replication template
- Launch template
- Post-launch template
- User preferences

Import and Export

Import New Export New

AWS Migration Hub Documentation Release Notes

Launch Settings changed
Launch Settings has been changed for s-54765fa2ce315b6fd

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Testing

- Launch test instances
- Mark as "Ready for cutover"
- Revert to "Ready for testing"

Cutover

- Launch cutover instances
- Finalize cutover
- Revert to "Ready for cutover"

Other

- Edit Launch Settings
- Edit post-launch settings
- Terminate launched instances

Migration Metrics

Active source servers Filter source servers by property or value

Source server name	Migration lifecycle	Data replication status
ofbiz-db.onpremsim.env	-	Ready for testing Healthy
ofbiz-web.onpremsim.env	-	Ready for testing Healthy
wordpress-db.onpremsim.env	-	Ready for testing Healthy
wordpress-web.onpremsim.env	-	Ready for testing Healthy

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Event Engine - Team Dashboard X Active source servers | Application Migration Service Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+5]

Application Migration Service

Source servers Applications New Waves New Launch history Settings Replication template Launch template Post-launch template User preferences Import and Export Import New Export New AWS Migration Hub Documentation Release Notes

Launch Settings changed

Launch Settings has been changed for s-54765fa2ce315b6fd

Application Migration Service > Active source servers

Source servers Migrat... Active sour... This account

Launch test instances for 4 servers

You are about to launch EC2 instances for 4 servers.

These instances will be launched according to the Launch Settings you have configured for them. Launched instances accrue EC2 charges as per your AWS account's rates. [Learn more](#)

The action will be applied to the following servers

- ofbiz-db.onpremsim.env
- ofbiz-web.onpremsim.env
- wordpress-db.onpremsim.env
- wordpress-web.onpremsim.env

Cancel Launch

Test and cutover Add server

status	Last snapshot	Next step
4 minutes ago	Launch test inst...	
9 minutes ago	Launch test inst...	
7 minutes ago	Launch test inst...	
7 minutes ago	Launch test inst...	

Event Engine - Team Dashboard X Active source servers | Application Migration Service Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service X

Source servers Applications New Waves New Launch history Settings Replication template Launch template Post-launch template User preferences

Import and Export Import New Export New

AWS Migration Hub Documentation Release Notes

Launch Settings changed Launch Settings has been changed for s-54765fa2ce315b6fd

Launch job mgnjob-557d8a996e9046ee4 created Starting to launch test instances for 4 servers. View job details X

Application Migration Service > Active source servers

Source servers (4) Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Active source servers Filter source servers by property or value < 1 > ⚙

<input type="checkbox"/> Source server name	▲ Alerts ▾	Migration lifecycle ▾	Data replication status ▾	Last snapshot ▾	Next step
ofbiz-db.onpremsim.env	-	Test in progress	Healthy	4 minutes ago	Complete testing
ofbiz-web.onpremsim.env	-	Test in progress	Healthy	9 minutes ago	Complete testing
wordpress-db.onpremsim.env	-	Test in progress	Healthy	7 minutes ago	Complete testing
wordpress-web.onpremsim.env	-	Test in progress	Healthy	8 minutes ago	Complete testing

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)



Application Migration Service

Source servers

Applications NewWaves New

Launch history

▼ Settings

Replication templates

Launch template

Post-launch template

User preferences

▼ Import and Export

Import NewExport New

AWS Migration Hub

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Release Notes

Search results for 'ec2'

Services

See all 12 results ▾

EC2 ☆

Virtual Servers in the Cloud

EC2 Image Builder ☆

A managed service to automate build, customize and deploy OS images

Amazon Inspector ☆

Continual vulnerability management at scale

AWS Firewall Manager ☆

Central management of firewall rules

Features

See all 53 results ▾

Dashboard

EC2 feature

Limits

EC2 feature

AMIs

EC2 feature

< 1 2 >

-db.onpremsim.env

-web.onpremsim.env

onpremsim.env

onpremsim.env

-db.onpremsim.env

-web.onpremsim.env

< 1 >

Application Migration Service

Source servers

Applications New

Waves New

Launch history

Settings

Replication templates

Launch template

Post-launch template

User preferences

Import and Export

Import New

Export New

AWS Migration Hub

Documentation

Release Notes

Search results for 'ec2'

Services (12)

Features (53)

Resources New

Blogs (1,932)

Documentation (27,608)

Knowledge Articles (30)

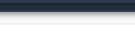
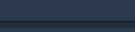
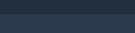
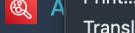
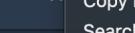
Tutorials (20)

Events (31)

Marketplace (2,266)

Services

See all 12 results ▶





Services

Search

[Option+S]



Oregon ▾

TeamRole/MasterKey @ 8905-4715-0164 ▾

New EC2 Experience
Tell us what you think **EC2 Dashboard**

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

▼ Images

AMIs

AMI Catalog

▼ Elastic Block Store

Volumes

Resources

EC2 Global view



You are using the following Amazon EC2 resources in the US West (Oregon) Region:

Instances (running)

11

Auto Scaling Groups

0

Dedicated Hosts

0

Elastic IPs

3

Instances

11

Key pairs

1

Load balancers

0

Placement groups

0

Security groups

13

Snapshots

22

Volumes

15

 Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. [Learn more](#) **Launch instance**

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance ▾**Migrate a server**

Note: Your instances will launch in the US West (Oregon) Region

Service health**AWS Health Dashboard**

Region

US West (Oregon)

Status

This service is operating normally

Zones**Account attributes****Supported platforms**

- VPC

Default VPC

vpc-08f6c50f527f38eb4

Settings

EBS encryption

Zones

EC2 Serial Console

Default credit specification

Console experiments

Explore AWS**Get Up to 40% Better Price Performance**T4g instances deliver the best price performance for burstable general purpose workloads in Amazon EC2. [Learn more](#) **Amazon GuardDuty Malware Protection**GuardDuty now provides agentless malware detection in Amazon EC2 & EC2 container workloads. [Learn more](#)

Event Engine - Team Dashboard X Job details | Application Migrat X Instances | EC2 Management C X Migration Immersion Day X +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:instanceState=running

Incognito (2) Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

EC2 Dashboard

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Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (11) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input type="checkbox"/>	MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms	+
<input type="checkbox"/>	MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms	+
<input type="checkbox"/>	MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms	+
<input type="checkbox"/>	AWS Application Migration Service ...	i-080993a522d58de0d	Running	m4.large	Initializing	No alarms	+
<input type="checkbox"/>	AWS Application Migration Service ...	i-0e713e213dd498405	Running	m4.large	Initializing	No alarms	+
<input type="checkbox"/>	AWS Application Migration Service ...	i-005c151490d541ba8	Running	m4.large	Initializing	No alarms	+
<input type="checkbox"/>	AWS Application Migration Service ...	i-03d99e8cb49013e0e	Running	m4.large	Initializing	No alarms	+
<input type="checkbox"/>	MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms	+
<input type="checkbox"/>	MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms	+
<input type="checkbox"/>	DO-NOT-TOUCH(DNS)	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms	+
<input type="checkbox"/>	AWS Application Migration Service ...	i-0b3c3ba89ab8ba391	Running	t3.large	2/2 checks passed	No alarms	+

← 1 → 🔍

An orange arrow points to the 'Name' column header in the table.

Event Engine - Team Dashboard X Job details | Application Migrat X Instances | EC2 Management C X Migration Immersion Day X +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:instanceState=running;v=3;\$case=tags:true%5Cclient:false;\$rege... Incognito (2) Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

EC2 Dashboard

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Scheduled Instances

Capacity Reservations

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AMI Catalog

Elastic Block Store

Instances (11) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

	Name	Instance ID	Instance state	Instance type	Status check	Alarms
<input type="checkbox"/>	AWS Application Migration Service Conversion Server	i-080993a522d58de0d	Running	m4.large	Initializing	
<input type="checkbox"/>	AWS Application Migration Service Conversion Server	i-0e713e213dd498405	Running	m4.large	Initializing	
<input type="checkbox"/>	AWS Application Migration Service Conversion Server	i-005c151490d541ba8	Running	m4.large	Initializing	
<input type="checkbox"/>	AWS Application Migration Service Conversion Server	i-03d99e8cb49013e0e	Running	m4.large	Initializing	
<input type="checkbox"/>	AWS Application Migration Service Replication Server	i-0b3c3ba89ab8ba391	Running	t3.large	2/2 checks passed	No alarms
<input type="checkbox"/>	DO-NOT-TOUCH(DNS)	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms

Event Engine - Team Dashboard X Job details | Application Migrat X Instances | EC2 Management C X Migration Immersion Day X +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client...

Incognito (2) Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

EC2 Dashboard

EC2 Global View

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Elastic Block Store

Instances (15) Info

Find instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm sta
<input type="checkbox"/>	AWS Application Migration Service Conversion Server	i-080993a522d58de0d	Terminated		-	No alarms
<input type="checkbox"/>	AWS Application Migration Service Conversion Server	i-0e713e213dd498405	Terminated		-	No alarms
<input type="checkbox"/>	AWS Application Migration Service Conversion Server	i-005c151490d541ba8	Terminated		-	No alarms
<input type="checkbox"/>	AWS Application Migration Service Conversion Server	i-03d99e8cb49013e0e	Terminated		-	No alarms
<input type="checkbox"/>	AWS Application Migration Service Replication Server	i-0b3c3ba89ab8ba391	Running	t3.large	2/2 checks passed	No alarms
<input type="checkbox"/>	DO-NOT-TOUCH(DNS)	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms
<input type="checkbox"/>	ofbiz-db.onpremsim.env	i-0d0cb40578945071c	Stopping	c5.large	-	No alarms
<input type="checkbox"/>	ofbiz-web.onpremsim.env	i-0d2ba910a88e9ab1f	Stopping	c5.large	-	No alarms
<input type="checkbox"/>	wordpress-db.onpremsim.env	i-0f845ed7d9e8d87b8	Stopping	c5.large	-	No alarms
<input type="checkbox"/>	wordpress-web.onpremsim.env	i-058647c3d45c0d153	Stopping	c5.large	-	No alarms

Instance state Actions Launch instances

Find instance by attribute or tag (case-sensitive)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

aws Services Search [Option+S]

Application Migration Service

Source servers

- Applications New
- Waves New
- Launch history

Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

Import and Export

- Import New
- Export New

AWS Migration Hub

Documentation

Release Notes

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Testing

- Launch test instances
- Mark as "Ready for cutover"**
- Revert to "Ready for testing"

Cutover

- Launch cutover instances
- Finalize cutover
- Revert to "Ready for cutover"

Other

- Edit Launch Settings
- Edit post-launch settings
- Terminate launched instances

Migration Metrics

Active source servers Filter source servers by property or value

Source server name	Alerts	Migration lifecycle	Data replication state
ofbiz-db.onpremsim.env	Launched	Test in progress	Healthy
ofbiz-web.onpremsim.env	Launched	Test in progress	Healthy
wordpress-db.onpremsim.env	Launched	Test in progress	Healthy
wordpress-web.onpremsim.env	Launched	Test in progress	Healthy

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Event Engine - Team Dashboard X Active source servers | Application Migration Service Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Services Search [Option+S] ? Oregon TeamRole/MasterKey @ 8905-4715-0164

Incognito (2) Update

Application Migration Service

Source servers Applications New Waves New Launch history Settings Replication template Launch template Post-launch template User preferences Import and Export Import New Export New AWS Migration Hub Documentation Release Notes

Search

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Mark 4 servers as "Ready for cutover"

You are about to mark 4 servers as having been tested and ready for cutover. [Learn more](#)

Test instances continue to accrue EC2 charges until terminated. You can terminate these instances now, or later from the "Test and cutover" menu.

Would you like to terminate the instances launched for testing?
 Yes, terminate launched instances (recommended).

The action will be applied to the following servers

- ofbiz-db.onpremsim.env
- ofbiz-web.onpremsim.env
- wordpress-db.onpremsim.env
- wordpress-web.onpremsim.env

Cancel Continue

Action status	Last snapshot	Next step
8 minutes ago	Complete	
3 minutes ago	Complete	
a few seconds ago	Complete	
a minute ago	Complete	

Event Engine - Team Dashboard X Active source servers | Application Migration Service Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Servers marked as ready for cutover
4 servers marked as ready for cutover.
Starting to terminate launched instances for 4 servers.

View job details

Source servers

Applications New

Waves New

Launch history

Settings

Replication template

Launch template

Post-launch template

User preferences

Import and Export

Import New

Export New

AWS Migration Hub

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Release Notes

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Active source servers ▾ Filter source servers by property or value

<input type="checkbox"/>	Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
<input type="checkbox"/>	ofbiz-db.onpremsim.env		Launched	Ready for cutover	Healthy	8 minutes ago
<input type="checkbox"/>	ofbiz-web.onpremsim.env		Launched	Ready for cutover	Healthy	4 minutes ago
<input type="checkbox"/>	wordpress-db.onpremsim.env		Launched	Ready for cutover	Healthy	2 minutes ago
<input type="checkbox"/>	wordpress-web.onpremsim.env		Launched	Ready for cutover	Healthy	2 minutes ago

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Lab Steps: MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate The Applications
- Finalize cutover and Archive Servers

Migration Immersion Day

catalog.us-east-1.prod.workshops.aws/workshops/a033522c-f256-40f9-9ecb-5b76a71589bc/en-US/rehost/mgn/7-shutdown-source-servers

aws workshop studio

Application Discovery Service

MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- AWS MGN Migration Life Cycle
- Launch Test Instance
- Shutdown Source Environment**
- Launch Cutover Instance
- Update DNS and Validate the applications
- Finalize cutover and Archive Servers

DMS

Cleanup

Content preferences

Shutdown Source Environment

Shutdown source environment

In a real-world application migration, once you have completed all of your testing and are ready to fully transition your machines to the cloud, you should perform the shutdown and termination of the source servers and update the DNS records properly to reflect the new servers running in the cloud.

⚠️ It is a best practice to perform a test migration cutover at least one week before you plan to cutover to your target machines. This time frame is intended to identify potential problems and solve them, before the actual cutover takes place.

1. From the Bastion host, connect to each server from the list below. The necessary tools to connect are already installed in the bastion host.

- For Linux VMs, use Putty or SSH.

Server Name	FQDN	OS	Username	Password
wordpress-web	wordpress-web.onpremsim.env	Linux	user	check team dashboard
wordpress-db	wordpress-db.onpremsim.env	Linux	user	check team dashboard
ofbiz-web	ofbiz-web.onpremsim.env	Linux	user	check team dashboard
ofbiz-db	ofbiz-db.onpremsim.env	Linux	user	check team dashboard

2. Shutdown the source servers running in the on-premises environment as per the following instructions:

▶ Application Discovery Service

▼ MGN

Configure AWS MGN

Service

Configure Default Target
TemplatesCreate AWS Replication
Agent IAM UserInstall the AWS Replication
AgentAWS MGN Migration Life
Cycle

Launch Test Instance

**Shutdown Source
Environment**

Launch Cutover Instance

Update DNS and Validate
the applicationsFinalize cutover and
Archive Servers

▶ DMS

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Cloud Migration Feature

▼ Content preferences

Language

English

Linux

1 sudo shutdown -h now

Copied!

After the source environment is stopped, all final changes from the source systems are replicated to the Staging area, and we are ready for the final cutover.

Choose **Source servers** on the left menu, or use this link: [AWS Application Migration Service - Source servers](#). Note that in the **Alert** column the status will change to **Lagging** after source systems have been shut down.

Active source servers		Filter source servers by property or value				
Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step	
ofbiz-db.onpremsim.env	(⌚) Lagging	Ready for cutover	Lag 3 min	3 minutes ago	Launch cutover instance	
ofbiz-web.onpremsim.env	(⌚) Lagging	Ready for cutover	Lag 3 min	3 minutes ago	Launch cutover instance	
wordpress-db.onpremsim.env	(⌚) Lagging	Ready for cutover	Lag 2 min	2 minutes ago	Launch cutover instance	
wordpress-web.onpremsim.env	(⌚) Lagging	Ready for cutover	Lag 2 min	2 minutes ago	Launch cutover instance	

After a few minutes, both *Alerts* and *Data replication status* columns will change servers' status into **Stalled**. This is expected as we have stopped all source servers and the replication process has been interrupted. However, all the data from source servers is fully synced to the EBS volumes in the **Staging area**, and now the final cutover servers, when launched, will have the latest data from the source systems.

Active source servers		Filter source servers by property or value				
Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step	
ofbiz-db.onpremsim.env	(⌚) Stalled	Ready for cutover	Stalled	4 minutes ago	Resolve cause of stalled data replication	



Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...



Microsoft Remote...



Putty

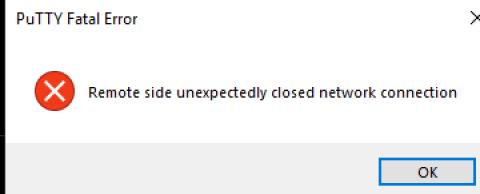


user@ofbiz-db:~

```
[user@ofbiz-db ~]$ sudo shutdown -h now
```

user@ofbiz-web:~

```
[user@ofbiz-web ~]$
```



Recycle Bin

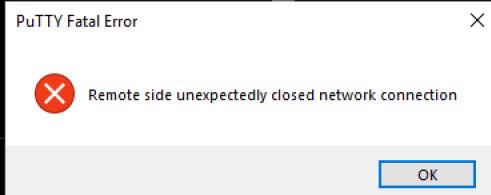
 Google Chrome Architecture credentials EC2 Feedback EC2 Micros... Microsoft Remote... Putty

PuTTY (inactive)

```
[user@ofbiz-db ~]$ sudo shutdown -h now
```

PuTTY user@ofbiz-web:~

```
[user@ofbiz-web ~]$ sudo shutdown -h now
```





Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...



Microsoft Remote...



Putty

PuTTY (inactive)

```
[user@ofbiz-db ~]$ sudo shutdown -h now
```

PuTTY (inactive)

```
[user@ofbiz-web ~]$ sudo shutdown -h now
```

PuTTY Fatal Error



Remote side unexpectedly closed network connection

OK



Recycle Bin



Google Chrome



Architecture



credentials



EC2 Feedback



EC2 Micros...



Microsoft Remote...



Putty



PuTTY (inactive)

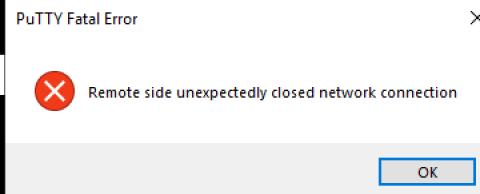
```
[user@ofbiz-db ~]$ sudo shutdown -h now
```

PuTTY (inactive)

```
[user@ofbiz-web ~]$ sudo shutdown -h now
```

PuTTY (inactive)

```
[user@wordpress-db ~]$ sudo shutdown -h now
```



PuTTY (inactive)

```
[user@~ ~]$ sudo shutdown -h now
```



Services

Search

[Alt+S]



Oregon ▾

WSParticipantRole/Participant @ 0862-9466-9868 ▾



Resource Groups & Tag Editor

CloudWatch

Application Migration Service



Source servers

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Waves

Global view New

Launch history

MGN connectors New

Import and Export

Import

Export

Settings

Replication template

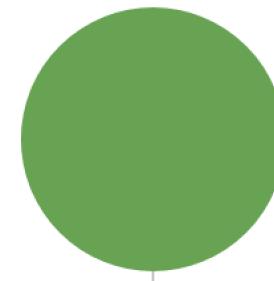
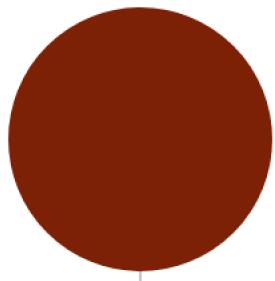
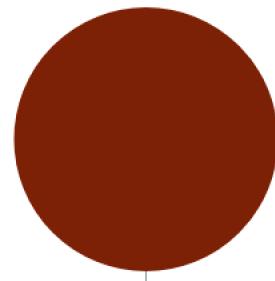
Launch template

Post-launch template

User preferences

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Active source servers

Filter source servers by property or value



<input type="checkbox"/>	Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
<input type="checkbox"/>	ofbiz-db.onpremsim.env	✖ Stalled	Ready for cutover	Stalled	35 minutes ago	Resolve cau
<input type="checkbox"/>	ofbiz-web.onpremsim.env	✖ Stalled	Ready for cutover	Stalled	35 minutes ago	Resolve cau
<input type="checkbox"/>	wordpress-db.onpremsim.env	✖ Stalled	Ready for cutover	Stalled	35 minutes ago	Resolve cau
<input type="checkbox"/>	wordpress-web.onpremsim.env	✖ Stalled	Ready for cutover	Stalled	35 minutes ago	Resolve cau

This account is currently replicating 4 servers out of a quota of 150 concurrent replicating servers. [Learn more](#)

Lab Steps: MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate The Applications
- Finalize cutover and Archive Servers

aws workshop studio

▶ Application Discovery Service

▼ MGN

Configure AWS MGN

Service

Configure Default Target
TemplatesCreate AWS Replication
Agent IAM UserInstall the AWS Replication
AgentAWS MGN Migration Life
Cycle

Launch Test Instance

Shutdown Source
Environment**Launch Cutover Instance**Update DNS and Validate
the applicationsFinalize cutover and
Archive Servers

▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

Launch Cutover Instance

- Once servers are in "Ready for cutover" status, select all 4 servers to start cutover. Choose **Test and Cutover** on top right drop down, then under Cutover section, choose **Launch cutover instances**

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

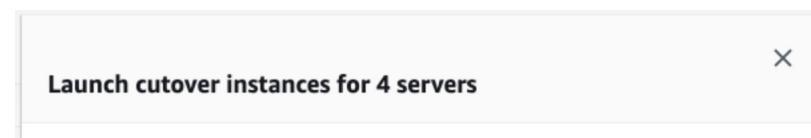
Migration Metrics

Active source servers	Filter source servers by property or value	Actions	Replication	Test and cutover	Add server
<input checked="" type="checkbox"/> 1 Source server name					
<input checked="" type="checkbox"/> ofbiz-db.onpremsim.env	Stalled	Ready for cutover	Stalled	8 minutes ago	Revert to "Ready for testing"
<input checked="" type="checkbox"/> ofbiz-web.onpremsim.env	Stalled	Ready for cutover	Stalled	8 minutes ago	Revert to "Ready for testing"
<input checked="" type="checkbox"/> wordpress-db.onpremsim.env	Stalled	Ready for cutover	Stalled	8 minutes ago	Revert to "Ready for testing"
<input checked="" type="checkbox"/> wordpress-web.onpremsim.env	Stalled	Ready for cutover	Stalled	8 minutes ago	Revert to "Ready for testing"

Cutover

- Launch test instances
- Mark as "Ready for cutover"
- Revert to "Ready for testing"
- 3 Launch cutover instances
- Finalize cutover
- Revert to "Ready for cutover"
- Other
- Edit Launch Settings
- Edit post-launch settings
- Terminate launched instances

- Confirm the action by choosing **Launch** on the next screen



Event Engine - Team Dashboard X | Active source servers | Application Migration Service | Instances | EC2 Management C | Migration Immersion Day X | +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Servers marked as ready for cutover

4 servers marked as ready for cutover.

Starting to terminate launched instances for 4 servers.

View job details

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Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Active source servers ▾ Filter source servers by property or value

<input checked="" type="checkbox"/> Source server name	Alerts ▾	Migration lifecycle ▾	Data replication status ▾	Last snapshot ▾	Next step
ofbiz-db.onpremsim.env	-	Ready for cutover	Healthy	10 minutes ago	Launch cutover i
ofbiz-web.onpremsim.env	-	Ready for cutover	Healthy	5 minutes ago	Launch cutover i
wordpress-db.onpremsim.env	-	Ready for cutover	Healthy	3 minutes ago	Launch cutover i
wordpress-web.onpremsim.env	-	Ready for cutover	Healthy	4 minutes ago	Launch cutover i

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Testing

- Launch test instances
- Mark as "Ready for cutover"
- Revert to "Ready for testing"

Cutover

- Launch cutover instances
- Finalize cutover
- Revert to "Ready for cutover"

Other

- Edit Launch Settings
- Edit post-launch settings
- Terminate launched instances

Migration Metrics

Active source servers Filter source servers by property or value

Source server name	Alerts	Migration lifecycle	Data replication status
ofbiz-db.onpremsim.env	-	Ready for cutover	Healthy
ofbiz-web.onpremsim.env	-	Ready for cutover	Healthy
wordpress-db.onpremsim.env	-	Ready for cutover	Healthy
wordpress-web.onpremsim.env	-	Ready for cutover	Healthy

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Source servers

- Applications [New](#)
- Waves [New](#)
- Launch history

Settings

- Replication template
- Launch template
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Import and Export

- Import [New](#)
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Application Migration Service

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AWS Migration Hub

[Documentation](#)[Release Notes](#)[Application Migration Service](#) > [Active source servers](#)[Source servers \(4\)](#)[Actions](#)[Replication](#)[Test and cutover](#)[Add server](#)[▶ Migrat](#)[Active sour](#)[Sou](#)[ofb](#)[ofb](#)[wor](#)[wor](#)[This account](#)

Launch cutover instances for 4 servers

You are about to launch EC2 instances for 4 servers.

These instances will be launched according to the Launch Settings you have configured for them. Launched instances accrue EC2 charges as per your AWS account's rates. [Learn more](#)

▼ The action will be applied to the following servers

[ofbiz-db.onpremsim.env](#)[ofbiz-web.onpremsim.env](#)[wordpress-db.onpremsim.env](#)[wordpress-web.onpremsim.env](#)[Cancel](#)[Launch](#)

Status	Last snapshot	Next step
10 minutes ago	Launch cutover	
5 minutes ago	Launch cutover	
3 minutes ago	Launch cutover	
4 minutes ago	Launch cutover	

Event Engine - Team Dashboard X Active source servers | Application Migration Service Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service X

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View job details X

Launch job mgnjob-52f2de1d08a9ed1b6 created
Starting to launch cutover instances for 4 servers.

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Active source servers Filter source servers by property or value

	Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
<input type="checkbox"/>	ofbiz-db.onpremsim.env	-	Cutover in progress	Healthy	a few seconds ago	Finalize cutover
<input type="checkbox"/>	ofbiz-web.onpremsim.env	-	Cutover in progress	Healthy	6 minutes ago	Finalize cutover
<input type="checkbox"/>	wordpress-db.onpremsim.env	-	Cutover in progress	Healthy	3 minutes ago	Finalize cutover
<input type="checkbox"/>	wordpress-web.onpremsim.env	-	Cutover in progress	Healthy	4 minutes ago	Finalize cutover

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Event Engine - Team Dashboard X Active source servers | Application Migration Service Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Source servers

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- Replication template
- Launch template
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- User preferences

Import and Export

- Import New
- Export New

AWS Migration Hub ↗

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Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Active source servers ▾ Filter source servers by property or value < 1 > ⚙

<input type="checkbox"/>	Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
<input type="checkbox"/>	ofbiz-db.onpremsim.env	✓ Launched	Cutover in progress	Healthy	5 minutes ago	Finalize cutover
<input type="checkbox"/>	ofbiz-web.onpremsim.env	✓ Launched	Cutover in progress	Healthy	10 minutes ago	Finalize cutover
<input type="checkbox"/>	wordpress-db.onpremsim.env	✓ Launched	Cutover in progress	Healthy	8 minutes ago	Finalize cutover
<input type="checkbox"/>	wordpress-web.onpremsim.env	✓ Launched	Cutover in progress	Healthy	8 minutes ago	Finalize cutover

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more ↗](#)

Event Engine - Team Dashboard X Active source servers | Application X Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:instanceState=running;sort=tag:Name

Incognito (2) Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

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Launch Templates

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Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (11) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input type="checkbox"/>	AWS Application Migration Service Replication Server	i-0b3c3ba89ab8ba391	Running	t3.large	2/2 checks passed	No alarms
<input type="checkbox"/>	DO-NOT-TOUCH(DNS)	i-087174b633a6bba4a0	Running	t3.micro	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms
<input type="checkbox"/>	MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms
<input type="checkbox"/>	ofbiz-db.onpremsim.env	i-04e8297765145f31d	Running	t3.2xlarge	2/2 checks passed	No alarms
<input type="checkbox"/>	ofbiz-web.onpremsim.env	i-094aa7f5055023c18	Running	t3.2xlarge	2/2 checks passed	No alarms
<input type="checkbox"/>	wordpress-db.onpremsim.env	i-00f9145ee53462238	Running	t3.2xlarge	2/2 checks passed	No alarms
<input type="checkbox"/>	wordpress-web.onpremsim.env	i-03edbe61ad581be26	Running	t3.2xlarge	2/2 checks passed	No alarms

Lab Steps: MGN

- Configure AWS MGN Service
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- Launch Cutover Instance
- Update DNS and Validate The Applications
- Finalize cutover and Archive Servers

Migration Immersion Day X Mail - Michael Lin - Outlook X Yahoo奇摩新聞 X +

catalog.us-east-1.prod.workshops.aws/workshops/a033522c-f256-40f9-9ecb-5b76a71589bc/en-US/rehost/mgn/9-update-dns

aws workshop studio

Application Discovery Service

MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
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- AWS MGN Migration Life Cycle
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate the applications**
- Finalize cutover and Archive Servers

DMS

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Update DNS and Validate the applications

Update DNS

Now that the source servers are shutdown, it's time to update the DNS records to reflect the new servers that have just been migrated. In this lab we use an instance running a version of Unix bind/named as the DNS resolver.

⚠ The steps below are related to updating the server A records in the Bind/Named DNS server build specifically for this lab. There are multiple ways to configure DNS in AWS. In a real migration scenario, the following steps could vary according to your DNS server configuration.

1. Open AWS Console, go to **Services** then **EC2** then **Running Instances**, or follow this link [Instances | EC2 Management Console](#)
2. Add a filter **onpremsim.env** to list only the servers that names contain this string

Instances (4) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X onpremsim.env X Clear filters

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check
<input type="checkbox"/>	wordpress-web.onpremsim.env	i-0c4a048ecd0a8f0cf	Running	t3.small	2/2 checks passed
<input type="checkbox"/>	ofbiz-db.onpremsim.env	i-0174b6e315dded502	Running	t3.small	2/2 checks passed
<input type="checkbox"/>	wordpress-db.onpremsim.env	i-06906e3d54d784590	Running	t3.small	2/2 checks passed
<input type="checkbox"/>	ofbiz-web.onpremsim.env	i-0c29e611153f1225b2	Running	t3.small	2/2 checks passed

Event Engine - Team Dashboard X | Source server details | Application X | Instances | EC2 Management C X | Migration Immersion Day X | +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:instanceState=running

Incognito (2) Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (1/11) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm sta
DO-NOT-TOUCH(DNS)	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms
MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms
MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms
MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms
MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms
MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms
ofbiz-db.onpremsim.env	i-04e8297765145f31d	Running	c5.large	2/2 checks passed	No alarms
ofbiz-web.onpremsim.env	i-094aa7f5055023c18	Running	c5.large	2/2 checks passed	No alarms
wordpress-db.onpremsim.env	i-00f9145ee53462238	Running	c5.large	2/2 checks passed	No alarms
wordpress-web.onpremsim.env	i-03edbe61ad581be26	Running	c5.large	2/2 checks passed	No alarms

Instance: i-04e8297765145f31d (ofbiz-db.onpremsim.env)

Details Security Networking Storage Status checks Monitoring Tags

You can now check network connectivity with Reachability Analyzer. Run Reachability Analyzer

Networking details Info

Public IPv4 address Private IPv4 addresses VPC ID

New EC2 Experience
Tell us what you think

EC2 Dashboard
EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Instances (1/11) Info



Connect

Instance state ▾

Actions ▾

Launch instances



Find instance by attribute or tag (case-sensitive)



1



Instance state = running

Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm sta
DO-NOT-TOUCH(DNS)	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms
MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms
MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms
MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms
MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms
MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms
ofbiz-db.onpremsim.env	i-04e8297765145f31d	Running	c5.large	2/2 checks passed	No alarms
ofbiz-web.onpremsim.env	i-094aa7f5055023c18	Running	c5.large	2/2 checks passed	No alarms
wordpress-db.onpremsim.env	i-00f9145ee53462238	Running	c5.large	2/2 checks passed	No alarms
wordpress-web.onpremsim.env	i-03edbe61ad581be26	Running	c5.large	2/2 checks passed	No alarms

Instance: i-04e8297765145f31d (ofbiz-db.onpremsim.env)



Details

Security

Networking

Storage

Status checks

Monitoring

Tags

You can now check network connectivity with Reachability Analyzer.

Run Reachability Analyzer



Networking details Info

Public IPv4 address

-

Private IPv4 addresses

10.0.1.237

VPC ID

vpc-04947e1928636f80f (Target)

Public IPv4 DNS

Private IP DNS name (IPv4 only)



Recycle Bin

Google
Chrome

Architecture

EC2
FeedbackEC2
Microso...Microsoft
Remote...

Putty

ec2-44-228-139-179.us-west-2.compute.amazonaws.com

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caaed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit



Recycle Bin

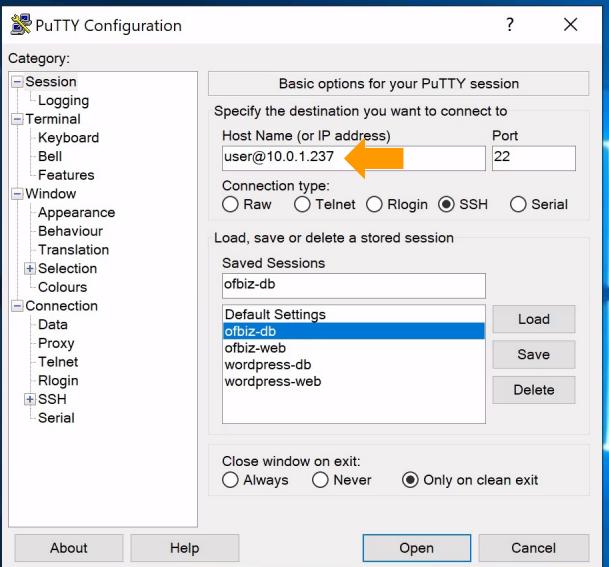
Google
Chrome

Architecture

EC2
FeedbackEC2
Microso...Microsoft
Remote...

Putty

Hostname: EC2AMAZ-S56TK5
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit



ec2-44-228-139-179.us-west-2.compute.amazonaws.com

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

10.0.1.237 - PuTTY
Using username "user".
user@10.0.1.237's password:



Google

Chrome

Architecture



EC2

Feedback



EC2

Microsoft



Microsoft

Remote...



Putty

▶ Application Discovery Service

▼ MGN

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▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

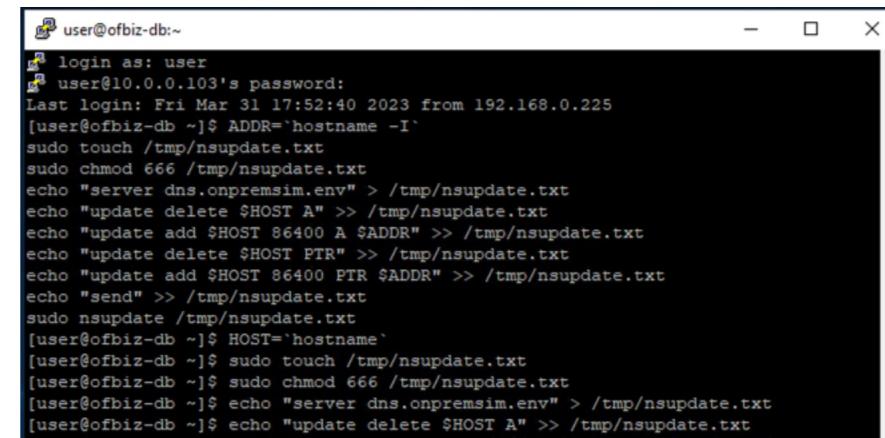
English

Linux

```
1 ADDR=`hostname -I`  
2 HOST=`hostname`  
3 sudo touch /tmp/nsupdate.txt  
4 sudo chmod 666 /tmp/nsupdate.txt  
5 echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
6 echo "update delete $HOST A" >> /tmp/nsupdate.txt  
7 echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
8 echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
9 echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
10 echo "send" >> /tmp/nsupdate.txt  
11 sudo nsupdate /tmp/nsupdate.txt
```

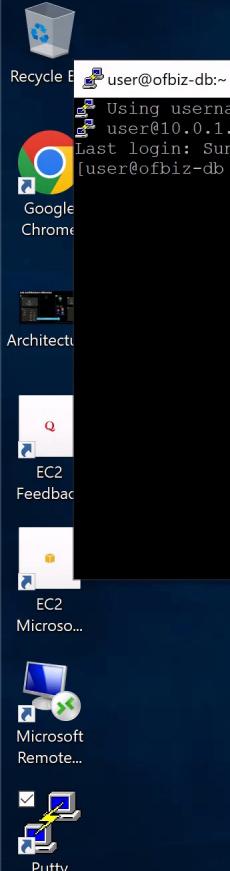
Copied!

User: user Password: AWSmid23



```
user@ofbiz-db:~  
$ login as: user  
user@10.0.0.103's password:  
Last login: Fri Mar 31 17:52:40 2023 from 192.168.0.225  
[user@ofbiz-db ~]$ ADDR=`hostname -I`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ HOST=`hostname`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt
```

ec2-44-228-139-179.us-west-2.compute.amazonaws.com



Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

▶ Application Discovery Service

▼ MGN

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Shutdown Source
Environment

Launch Cutover Instance

**Update DNS and Validate
the applications**Finalize cutover and
Archive Servers

▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

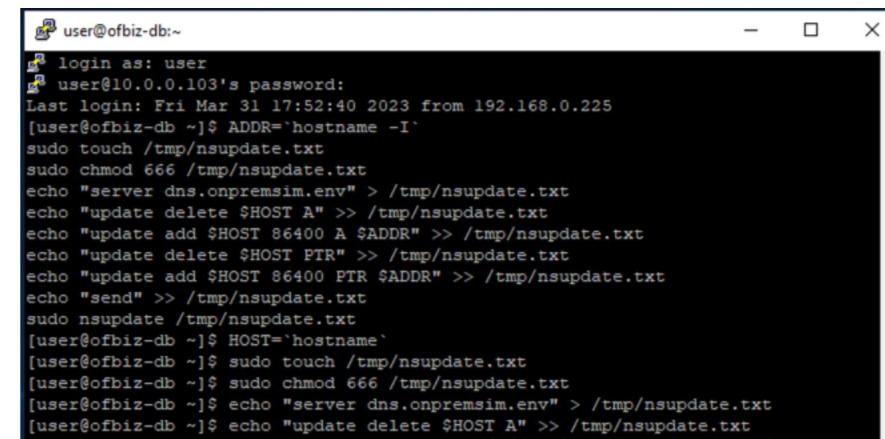
English

Linux

```
1 ADDR=`hostname -I`  
2 HOST=`hostname`  
3 sudo touch /tmp/nsupdate.txt  
4 sudo chmod 666 /tmp/nsupdate.txt  
5 echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
6 echo "update delete $HOST A" >> /tmp/nsupdate.txt  
7 echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
8 echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
9 echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
10 echo "send" >> /tmp/nsupdate.txt  
11 sudo nsupdate /tmp/nsupdate.txt
```

Copied!

User: user Password: AWSmid23



```
user@ofbiz-db:~  
$ login as: user  
$ user@10.0.0.103's password:  
Last login: Fri Mar 31 17:52:40 2023 from 192.168.0.225  
[user@ofbiz-db ~]$ ADDR=`hostname -I`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ HOST=`hostname`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt
```



user@ofbiz-db:~

```
Using username "user".
user@10.0.1.237's password:
Last login: Sun Mar 26 16:05:46 2023 from 192.168.0.47
[user@ofbiz-db ~]$ ADDR=`hostname -I`
HOST=`hostname`
sudo touch /tmp/nsupdate.txt
sudo chmod 666 /tmp/nsupdate.txt
echo "server dns.onpremsim.env" > /tmp/nsupdate.txt
echo "update delete $HOST A" >> /tmp/nsupdate.txt
echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt
echo "update delete $HOST PTR" >> /tmp/nsupdate.txt
echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt
echo "send" >> /tmp/nsupdate.txt
sudo nsupdate /tmp/nsupdate.txt
[user@ofbiz-db ~]$ HOST=`hostname`
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt
[user@ofbiz-db ~]$
```

Event Engine - Team Dashboard X | Source server details | Application X | Instances | EC2 Management C X | Migration Immersion Day X | +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:instanceState=running

Incognito (2) Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

EC2 Dashboard

EC2 Global View

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Instances

Instance Types

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Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (1/11) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm sta
DO-NOT-TOUCH(DNS)	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms
MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms
MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms
MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms
MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms
MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms
ofbiz-db.onpremsim.env	i-04e8297765145f31d	Running	c5.large	2/2 checks passed	No alarms
ofbiz-web.onpremsim.env	i-094aa7f5055023c18	Running	c5.large	2/2 checks passed	No alarms
wordpress-db.onpremsim.env	i-00f9145ee53462238	Running	c5.large	2/2 checks passed	No alarms
wordpress-web.onpremsim.env	i-03edbe61ad581be26	Running	c5.large	2/2 checks passed	No alarms

Instance: i-094aa7f5055023c18 (ofbiz-web.onpremsim.env)

Details Security Networking Storage Status checks Monitoring Tags

Networking details Info

Public IPv4 address	Private IPv4 addresses	VPC ID
-	10.0.1.119	vpc-04947e1928636f80f (Target)
Public IPv4 DNS	Private IP DNS name (IPv4 only)	



Recycle Bin



Google Chrome



Architecture



EC2 Feedback



EC2 Microso...

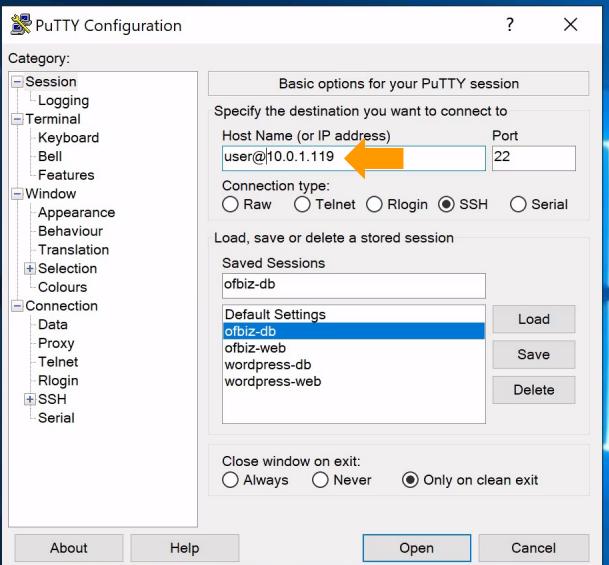


Microsoft Remote...



Putty

Hostname: EC2AMAZ-S56TK5
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit



ec2-44-228-139-179.us-west-2.compute.amazonaws.com



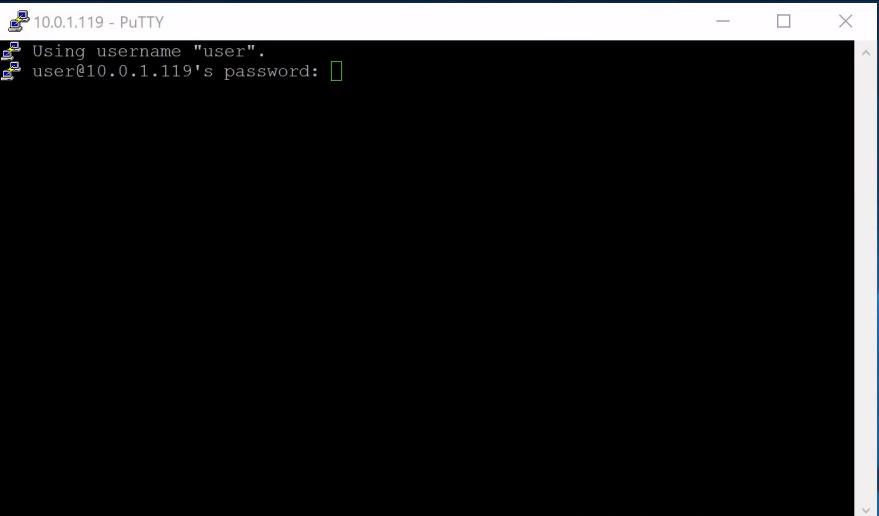
Recycle Bin

Google
Chrome

Architecture

EC2
FeedbackEC2
Microso...Microsoft
Remote...

Putty



Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

▶ Application Discovery Service

▼ MGN

Configure AWS MGN

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Environment

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**Update DNS and Validate
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▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

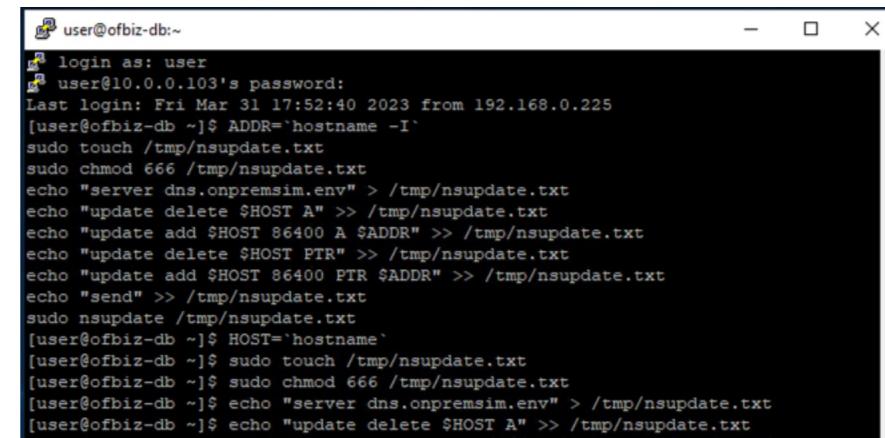
English

Linux

```
1 ADDR=`hostname -I`  
2 HOST=`hostname`  
3 sudo touch /tmp/nsupdate.txt  
4 sudo chmod 666 /tmp/nsupdate.txt  
5 echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
6 echo "update delete $HOST A" >> /tmp/nsupdate.txt  
7 echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
8 echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
9 echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
10 echo "send" >> /tmp/nsupdate.txt  
11 sudo nsupdate /tmp/nsupdate.txt
```

Copied!

User: user Password: AWSmid23



```
user@ofbiz-db:~  
$ login as: user  
user@10.0.0.103's password:  
Last login: Fri Mar 31 17:52:40 2023 from 192.168.0.225  
[user@ofbiz-db ~]$ ADDR=`hostname -I`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ HOST=`hostname`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt
```

ec2-44-228-139-179.us-west-2.compute.amazonaws.com

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

```
user@ofbiz-web:~  
Using username "user".  
user@10.0.1.119's password:  
Last login: Sun Mar 26 14:22:42 2023 from 192.168.0.47  
[user@ofbiz-web ~]$
```

Recycle Bin

Google Chrome

Architecture

EC2 Feedback

EC2 Microso...

Microsoft Remote...

Putty

▶ Application Discovery Service

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▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

English

Linux

```
1 ADDR=`hostname -I`  
2 HOST=`hostname`  
3 sudo touch /tmp/nsupdate.txt  
4 sudo chmod 666 /tmp/nsupdate.txt  
5 echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
6 echo "update delete $HOST A" >> /tmp/nsupdate.txt  
7 echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
8 echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
9 echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
10 echo "send" >> /tmp/nsupdate.txt  
11 sudo nsupdate /tmp/nsupdate.txt
```

Copied!

User: user Password: AWSmid23

```
user@ofbiz-db:~  
$ login as: user  
$ user@10.0.0.103's password:  
Last login: Fri Mar 31 17:52:40 2023 from 192.168.0.225  
[user@ofbiz-db ~]$ ADDR=`hostname -I`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ HOST=`hostname`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt
```



user@ofbiz-web:~

```
Using username "user".
user@10.0.1.119's password:
Last login: Sun Mar 26 14:22:42 2023 from 192.168.0.47
[user@ofbiz-web ~]$ ADDR= hostname -I
HOST='hostname'
sudo touch /tmp/nsupdate.txt
sudo chmod 666 /tmp/nsupdate.txt
echo "server dns.onpremsim.env" > /tmp/nsupdate.txt
echo "update delete $HOST A" >> /tmp/nsupdate.txt
echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt
echo "update delete $HOST PTR" >> /tmp/nsupdate.txt
echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt
echo "send" >> /tmp/nsupdate.txt
sudo nsupdate /tmp/nsupdate.txt
[user@ofbiz-web ~]$ HOST='hostname'
[user@ofbiz-web ~]$ sudo touch /tmp/nsupdate.txt
[user@ofbiz-web ~]$ sudo chmod 666 /tmp/nsupdate.txt
[user@ofbiz-web ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt
[user@ofbiz-web ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt
[user@ofbiz-web ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt
[user@ofbiz-web ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt
[user@ofbiz-web ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt
[user@ofbiz-web ~]$ echo "send" >> /tmp/nsupdate.txt
[user@ofbiz-web ~]$ sudo nsupdate /tmp/nsupdate.txt
[user@ofbiz-web ~]$
```

Event Engine - Team Dashboard X | Source server details | Application X | Instances | EC2 Management C X | Migration Immersion Day X | +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:instanceState=running

Incognito (2) Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (1/11) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm sta
DO-NOT-TOUCH(DNS)	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms
MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms
MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms
MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms
MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms
MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms
ofbiz-db.onpremsim.env	i-04e8297765145f31d	Running	c5.large	2/2 checks passed	No alarms
ofbiz-web.onpremsim.env	i-094aa7f5055023c18	Running	c5.large	2/2 checks passed	No alarms
wordpress-db.onpremsim.env	i-00f9145ee53462238	Running	c5.large	2/2 checks passed	No alarms
wordpress-web.onpremsim.env	i-03edbe61ad581be26	Running	c5.large	2/2 checks passed	No alarms

Instance: i-00f9145ee53462238 (wordpress-db.onpremsim.env)

Details Security Networking Storage Status checks Monitoring Tags

Networking details Info

Public IPv4 address	Private IPv4 addresses	VPC ID
-	10.0.1.117	vpc-04947e1928636f80f (Target)
Public IPv4 DNS	Private IP DNS name (IPv4 only)	



Recycle Bin



Google Chrome



Architecture



EC2 Feedback



EC2 Microso...

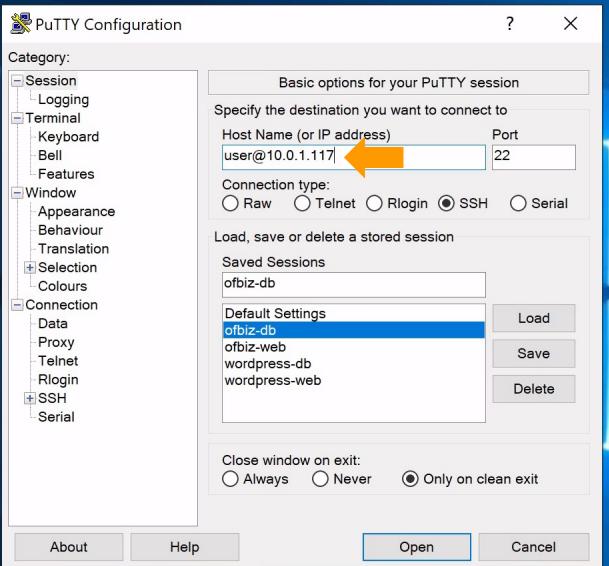


Microsoft Remote...



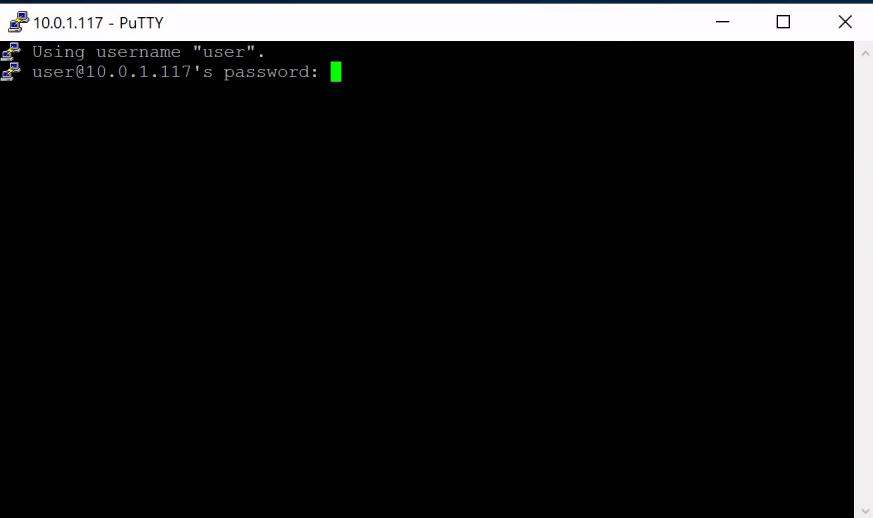
Putty

Hostname: EC2AMAZ-S56TK5
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit



ec2-44-228-139-179.us-west-2.compute.amazonaws.com

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit



Recycle Bin



Google Chrome



Architecture



EC2 Feedback



EC2 Microso...



Microsoft Remote...



Putty

▶ Application Discovery Service

▼ MGN

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Environment

Launch Cutover Instance

**Update DNS and Validate
the applications**Finalize cutover and
Archive Servers

▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

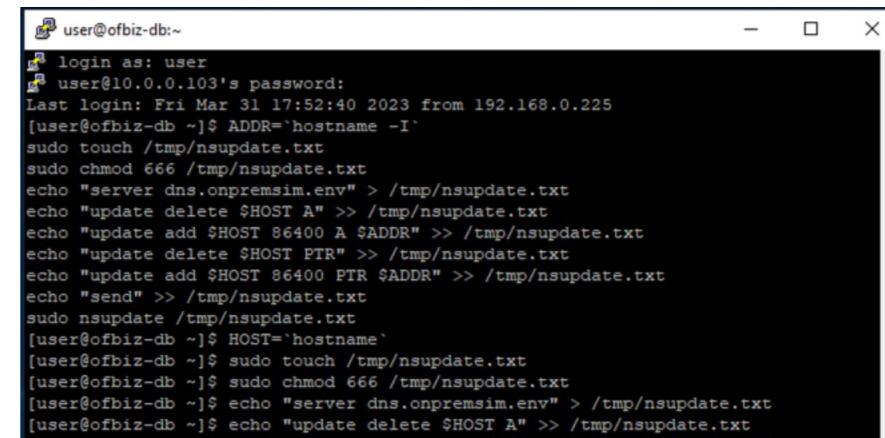
English

Linux

```
1 ADDR=`hostname -I`  
2 HOST=`hostname`  
3 sudo touch /tmp/nsupdate.txt  
4 sudo chmod 666 /tmp/nsupdate.txt  
5 echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
6 echo "update delete $HOST A" >> /tmp/nsupdate.txt  
7 echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
8 echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
9 echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
10 echo "send" >> /tmp/nsupdate.txt  
11 sudo nsupdate /tmp/nsupdate.txt
```

Copied!

User: user Password: AWSmid23



```
user@ofbiz-db:~  
$ login as: user  
user@10.0.0.103's password:  
Last login: Fri Mar 31 17:52:40 2023 from 192.168.0.225  
[user@ofbiz-db ~]$ ADDR=`hostname -I`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ HOST=`hostname`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt
```

ec2-44-228-139-179.us-west-2.compute.amazonaws.com

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

```
user@wordpress-db:~  
Using username "user".  
user@10.0.1.117's password:  
Last login: Sun Mar 26 14:33:32 2023 from 192.168.0.47  
[user@wordpress-db ~]$
```



Recycle Bin



Google Chrome



Architecture



EC2 Feedback



EC2 Microsoft



Microsoft Remote...



Putty

▶ Application Discovery Service

▼ MGN

Configure AWS MGN

Service

Configure Default Target
TemplatesCreate AWS Replication
Agent IAM UserInstall the AWS Replication
AgentAWS MGN Migration Life
Cycle

Launch Test Instance

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Environment

Launch Cutover Instance

**Update DNS and Validate
the applications**Finalize cutover and
Archive Servers

▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

English

Linux

```
1 ADDR=`hostname -I`  
2 HOST=`hostname`  
3 sudo touch /tmp/nsupdate.txt  
4 sudo chmod 666 /tmp/nsupdate.txt  
5 echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
6 echo "update delete $HOST A" >> /tmp/nsupdate.txt  
7 echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
8 echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
9 echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
10 echo "send" >> /tmp/nsupdate.txt  
11 sudo nsupdate /tmp/nsupdate.txt
```

Copied!

User: user Password: AWSmid23

```
user@ofbiz-db:~  
$ login as: user  
$ user@10.0.0.103's password:  
Last login: Fri Mar 31 17:52:40 2023 from 192.168.0.225  
[user@ofbiz-db ~]$ ADDR=`hostname -I`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ HOST=`hostname`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
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[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt
```



```
user@wordpress-db:~$ Using username "user".
user@10.0.1.117's password:
Last login: Sun Mar 26 14:33:32 2023 from 192.168.0.47
[user@wordpress-db ~]$ ADDR=`hostname -I`  
HOST=`hostname`  
sudo touch /tmp/nsupdate.txt  
sudo chmod 666 /tmp/nsupdate.txt  
echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
echo "update delete $HOST A" >> /tmp/nsupdate.txt  
echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
echo "send" >> /tmp/nsupdate.txt  
sudo nsupdate /tmp/nsupdate.txt  
[user@wordpress-db ~]$ HOST=`hostname`  
[user@wordpress-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@wordpress-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@wordpress-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@wordpress-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@wordpress-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@wordpress-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@wordpress-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@wordpress-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@wordpress-db ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@wordpress-db ~]$
```

Event Engine - Team Dashboard X | Source server details | Application X | Instances | EC2 Management C X | Migration Immersion Day X | +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:instanceState=running

Incognito (2) Update

aws Services Search [Option+S]

New EC2 Experience Tell us what you think X

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (1/11) Info

Find instance by attribute or tag (case-sensitive)

Instance state = running X Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm sta
DO-NOT-TOUCH(DNS)	i-087174b633a6bb4a0	Running	t3.micro	2/2 checks passed	No alarms
MID-Bastion	i-0606caaed9fc4c82b	Running	t3.medium	2/2 checks passed	No alarms
MID-OFBiz-DB	i-07ca3fa6c54a1889e	Running	t3.small	2/2 checks passed	No alarms
MID-OFBiz-WEB	i-0e51b9e10e5304627	Running	t3.medium	2/2 checks passed	No alarms
MID-Wordpress-DB	i-026d543ae7d7f73f6	Running	t3.small	2/2 checks passed	No alarms
MID-Wordpress-WEB	i-0df5d053a4f8d45dc	Running	t3.small	2/2 checks passed	No alarms
ofbiz-db.onpremsim.env	i-04e8297765145f31d	Running	c5.large	2/2 checks passed	No alarms
ofbiz-web.onpremsim.env	i-094aa7f5055023c18	Running	c5.large	2/2 checks passed	No alarms
wordpress-db.onpremsim.env	i-00f9145ee53462238	Running	c5.large	2/2 checks passed	No alarms
wordpress-web.onpremsim.env	i-03edbe61ad581be26	Running	c5.large	2/2 checks passed	No alarms

Instance: i-03edbe61ad581be26 (wordpress-web.onpremsim.env)

Details Security Networking Storage Status checks Monitoring Tags

Networking details Info

Public IPv4 address	Private IPv4 addresses	VPC ID
-	10.0.1.66	vpc-04947e1928636f80f (Target)
Public IPv4 DNS	Private IP DNS name (IPv4 only)	



Recycle Bin

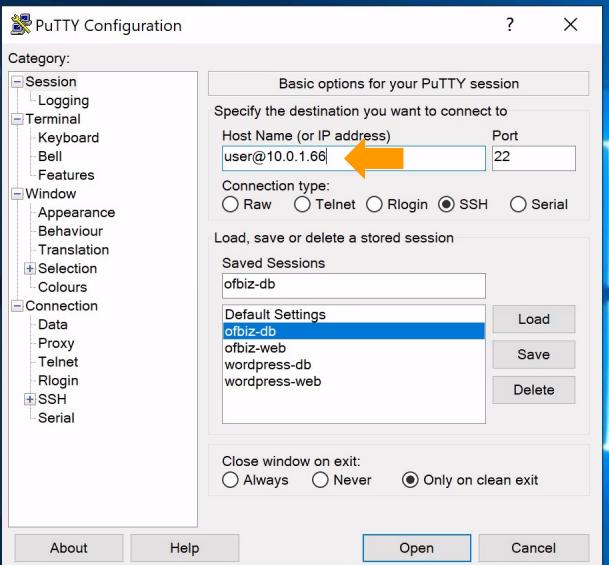
Google
Chrome

Architecture

EC2
FeedbackEC2
Microso...Microsoft
Remote...

Putty

Hostname: EC2AMAZ-S56TK5
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

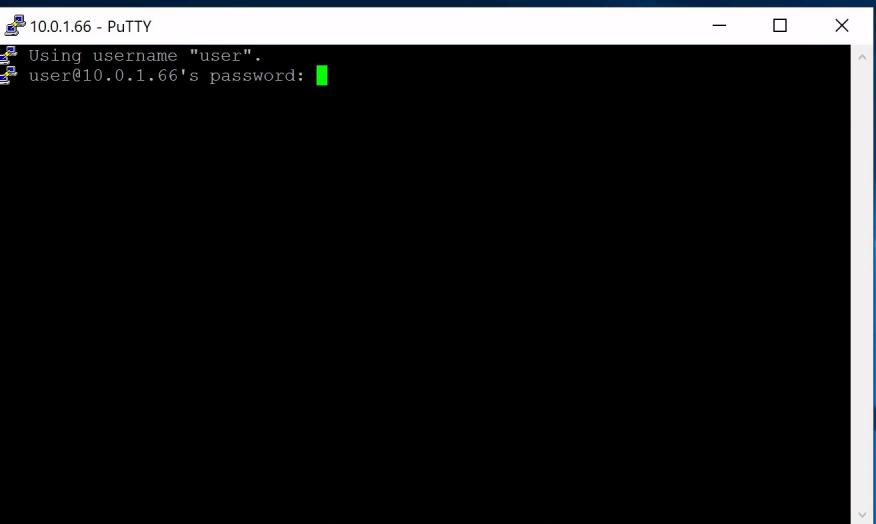




Windows 11 HOME



ec2-44-228-139-179.us-west-2.compute.amazonaws.com



Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

▶ Application Discovery Service

▼ MGN

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Environment

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▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

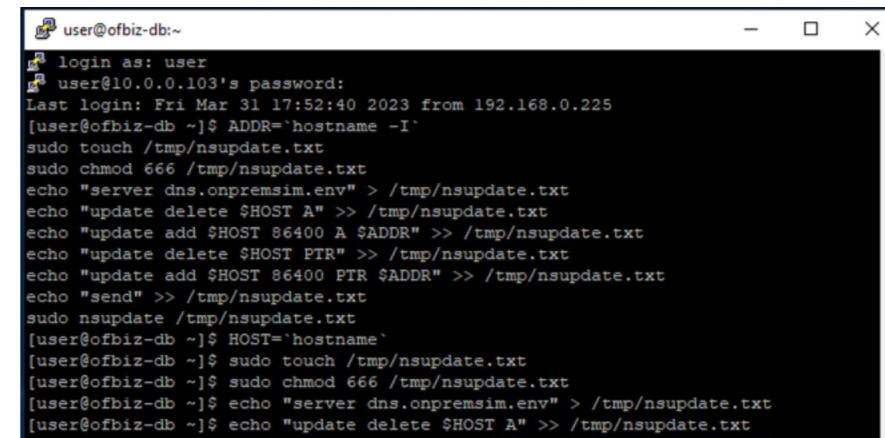
English

Linux

```
1 ADDR=`hostname -I`  
2 HOST=`hostname`  
3 sudo touch /tmp/nsupdate.txt  
4 sudo chmod 666 /tmp/nsupdate.txt  
5 echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
6 echo "update delete $HOST A" >> /tmp/nsupdate.txt  
7 echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
8 echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
9 echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
10 echo "send" >> /tmp/nsupdate.txt  
11 sudo nsupdate /tmp/nsupdate.txt
```

Copied!

User: user Password: AWSmid23



```
user@ofbiz-db:~  
$ login as: user  
user@10.0.0.103's password:  
Last login: Fri Mar 31 17:52:40 2023 from 192.168.0.225  
[user@ofbiz-db ~]$ ADDR=`hostname -I`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ HOST=`hostname`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt
```

ec2-44-228-139-179.us-west-2.compute.amazonaws.com

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

```
user@wordpress-web:~  
Using username "user".  
user@10.0.1.66's password:  
Last login: Sun Mar 26 14:42:48 2023 from 192.168.0.47  
[user@wordpress-web ~]$
```



Recycle Bin



Google Chrome



Architecture



EC2 Feedback



EC2 Microsoft



Microsoft Remote...



Putty

▶ Application Discovery Service

▼ MGN

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**Update DNS and Validate
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▶ DMS

Cleanup

Cloud Migration Feature

▼ Content preferences

Language

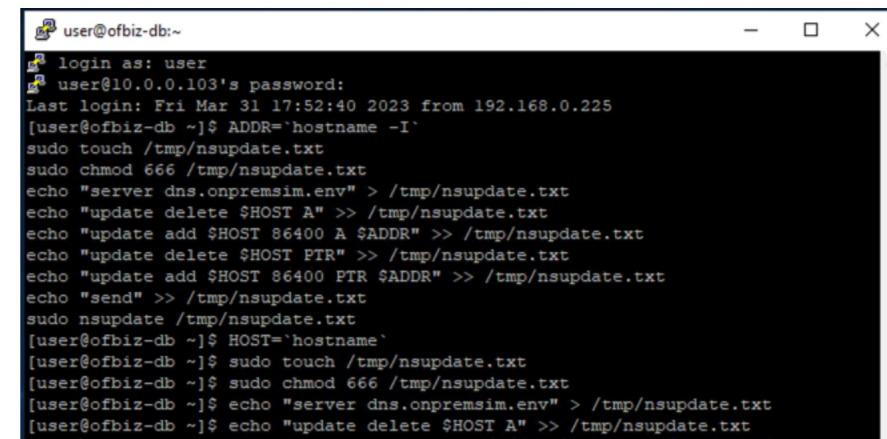
English

Linux

```
1 ADDR=`hostname -I`  
2 HOST=`hostname`  
3 sudo touch /tmp/nsupdate.txt  
4 sudo chmod 666 /tmp/nsupdate.txt  
5 echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
6 echo "update delete $HOST A" >> /tmp/nsupdate.txt  
7 echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
8 echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
9 echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
10 echo "send" >> /tmp/nsupdate.txt  
11 sudo nsupdate /tmp/nsupdate.txt
```

Copied!

User: user Password: AWSmid23



```
user@ofbiz-db:~  
$ login as: user  
$ user@10.0.0.103's password:  
Last login: Fri Mar 31 17:52:40 2023 from 192.168.0.225  
[user@ofbiz-db ~]$ ADDR=`hostname -I`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ HOST=`hostname`  
[user@ofbiz-db ~]$ sudo touch /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
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[user@ofbiz-db ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@ofbiz-db ~]$ sudo nsupdate /tmp/nsupdate.txt
```



```
user@wordpress-web:~  
Using username "user".  
user@10.0.1.66's password:  
Last login: Sun Mar 26 14:42:48 2023 from 192.168.0.47  
[user@wordpress-web ~]$ ADDR=`hostname -I`  
sudo touch /tmp/nsupdate.txt  
sudo chmod 666 /tmp/nsupdate.txt  
echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
echo "update delete $HOST A" >> /tmp/nsupdate.txt  
echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
echo "send" >> /tmp/nsupdate.txt  
sudo nsupdate /tmp/nsupdate.txt  
[user@wordpress-web ~]$ HOST='hostname'  
[user@wordpress-web ~]$ sudo touch /tmp/nsupdate.txt  
[user@wordpress-web ~]$ sudo chmod 666 /tmp/nsupdate.txt  
[user@wordpress-web ~]$ echo "server dns.onpremsim.env" > /tmp/nsupdate.txt  
[user@wordpress-web ~]$ echo "update delete $HOST A" >> /tmp/nsupdate.txt  
[user@wordpress-web ~]$ echo "update add $HOST 86400 A $ADDR" >> /tmp/nsupdate.txt  
[user@wordpress-web ~]$ echo "update delete $HOST PTR" >> /tmp/nsupdate.txt  
[user@wordpress-web ~]$ echo "update add $HOST 86400 PTR $ADDR" >> /tmp/nsupdate.txt  
[user@wordpress-web ~]$ echo "send" >> /tmp/nsupdate.txt  
[user@wordpress-web ~]$ sudo nsupdate /tmp/nsupdate.txt  
[user@wordpress-web ~]$
```

▼ MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- AWS MGN Migration Life Cycle

Launch Test Instance

Shutdown Source Environment

Launch Cutover Instance

Update DNS and Validate the applications

Finalize cutover and Archive Servers

► DMS

Cleanup

Cloud Migration Factory

▼ Content preferences

Language

English

8. Now you can test the applications that have just been migrated. They are running in AWS now. Open the following URL using Chrome.



All the commands listed on this guide should be executed from INSIDE the Bastion host.

Application	URL
Wordpress	http://wordpress-web.onpremsim.env/
OFBiz ERP	https://ofbiz-web.onpremsim.env:8443/accounting



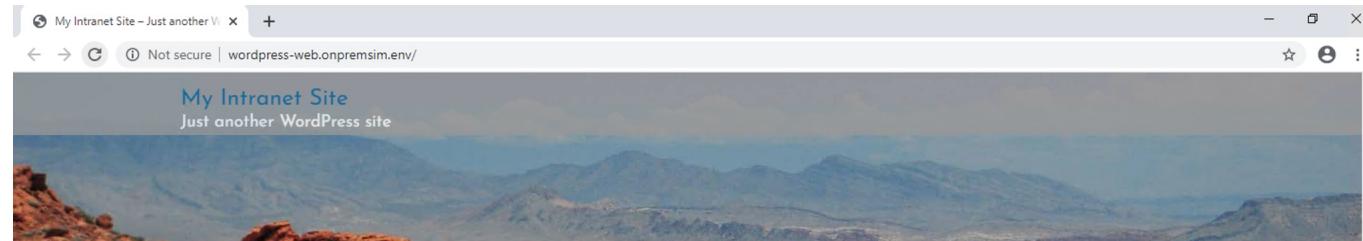
This is a simple test, just check if both application webpage shows up.

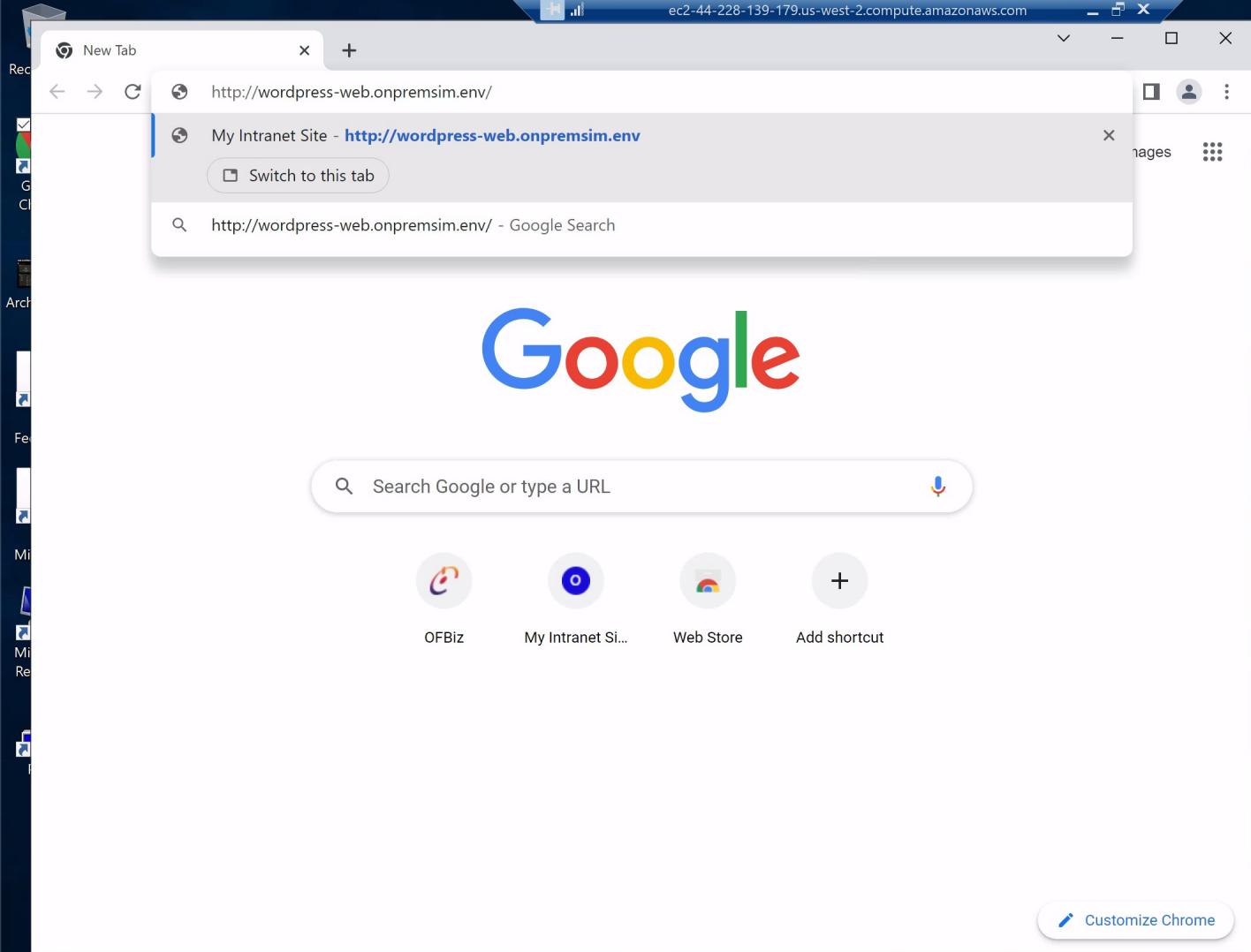


OFBiz application uses a self-signed certificate. It is required to add the exception on Chrome to be able to explore the application.

9. You should be able to visualize these 2 web applications:

Wordpress





My Intranet Site

Not secure | wordpress-web.onpremsim.env/

My Intranet Site



MIGRATION IMMERSION DAY

26 MAR 2023

on Immersion

We are migrating our internal servers to AWS!

[Leave a comment](#)

HELLO WORLD!

26 MAR

[Leave a comment](#)



▼ MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- AWS MGN Migration Life Cycle

Launch Test Instance

Shutdown Source Environment

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Update DNS and Validate the applications

Finalize cutover and Archive Servers

► DMS

Cleanup

Cloud Migration Factory

▼ Content preferences

Language

English

8. Now you can test the applications that have just been migrated. They are running in AWS now. Open the following URL using Chrome.



All the commands listed on this guide should be executed from INSIDE the Bastion host.

Application	URL
Wordpress	http://wordpress-web.onpremsim.env/
OFBiz ERP	https://ofbiz-web.onpremsim.env:8443/accounting



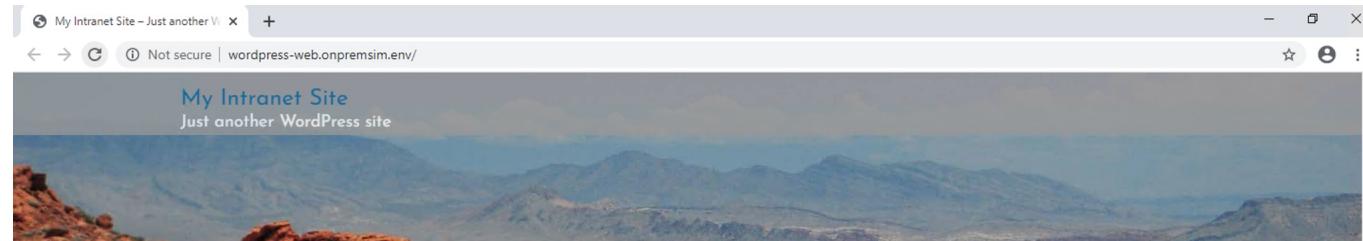
This is a simple test, just check if both application webpage shows up.



OFBiz application uses a self-signed certificate. It is required to add the exception on Chrome to be able to explore the application.

9. You should be able to visualize these 2 web applications:

Wordpress



My Intranet Site New Tab

https://ofbiz-web.onpremsim.env:8443/accounting

OFBiz: Accounting Manager: Login - https://ofbiz-web.onpremsim.env:8443/accounting

https://ofbiz-web.onpremsim.env:8443/accounting - Google Search

OFBiz: Accounting Manager: - https://ofbiz-web.onpremsim.env:8443/accounting/control/login

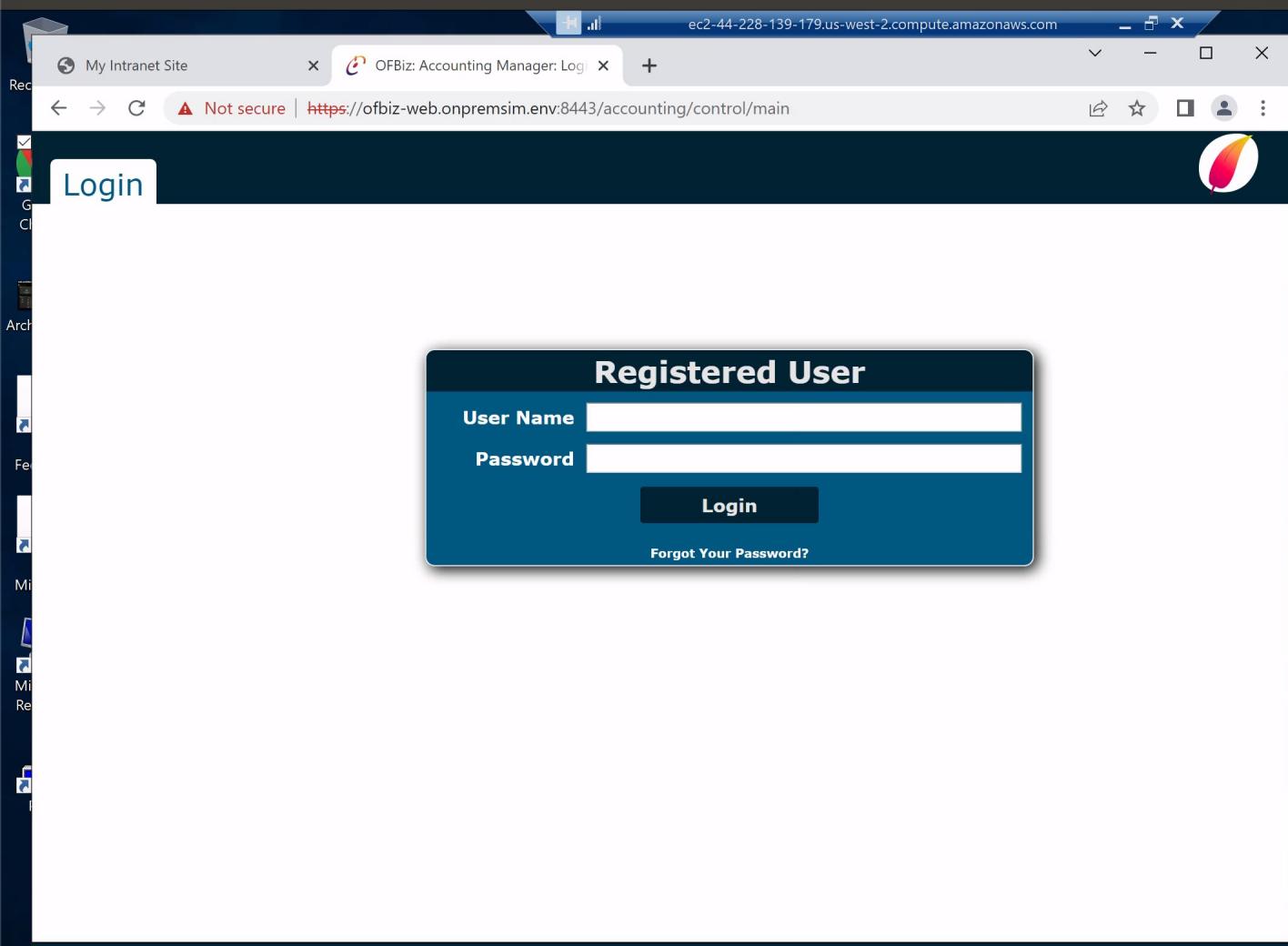
Google

Search Google or type a URL

OFBiz My Intranet Si... Web Store Add shortcut

Customize Chrome

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit



Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caaed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
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Event Engine - Team Dashboard X | Source server details | Application X | Instances | EC2 Management C X | Migration Immersion Day X +

catalog.workshops.aws/migrationimmersionday/en-US/rehost/gettingstarted/explore-your-environment/explore-your-environment

Incognito (2) Update

aws workshop studio

Migration Immersion Day

Migration Acceleration Program

Re-Host & Re-Platform

Getting Started

- Connect to the Lab Environment
- Connect to the Bastion Host

Explore your environment

- Architectural reference
- Explore your environment**
- Tips

Application Discovery Service

MGN

- Initial Setup
- Replication Setting
- Installing Agent
- MGN Migration Life Cycle

Content preferences

Language

Registered User

User Name

Password

Login

Forgot Your Password?

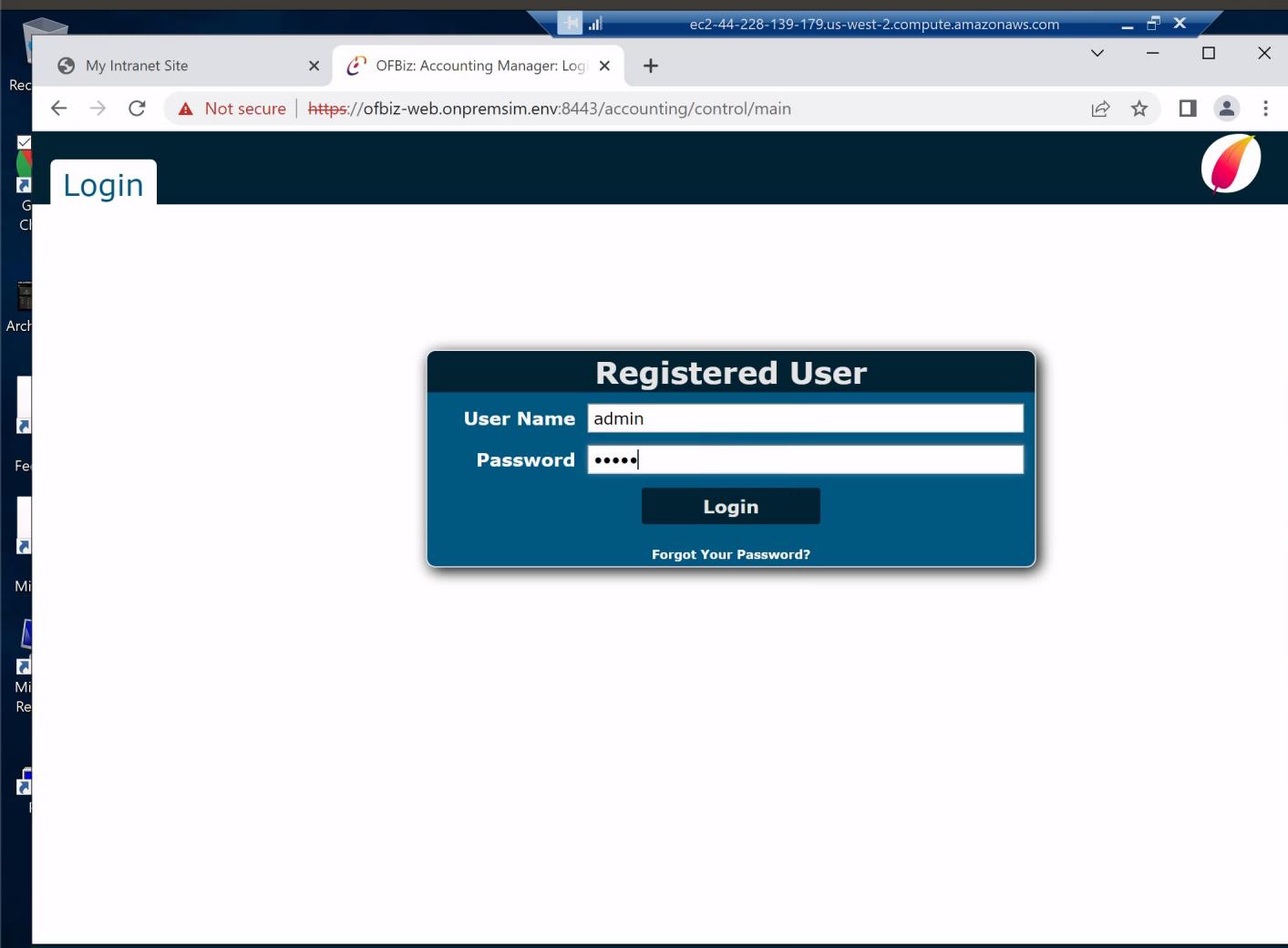
1/13/22 4:29 AM - Coordinated Universal Time

Copyright (c) 2001-2022 The Apache Software Foundation. Powered by Apache OFBiz, Release 18.12

You can log into the OFBiz application using the following username and password:

Application	Test URL	App username	App password
OFBiz ERP	https://ofbiz-web.onpremsim.env:8443/accounting	admin	ofbiz

An orange arrow points to the "App password" column.



Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caaed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

Not secure | <https://ofbiz-web.onpremsim.env:8443/accounting/control/login>



Party	HR	Marketing	Web Tools	Project	My Portal	Asset Maint	Catalog	Scrum	+	Accounting		
Main	Invoices	Payments	Payment Group	Transactions	Payment Gateway Config	Billing Accounts	Financial Account	Tax Authorities	Agreements	Fixed Assets	Budgets	Global GL Settings

Accounting Manager Main Page

Agreements

[List Available Agreements](#)

Billing Accounts

[Show Customer Billing Account](#)

Fixed Assets

[Show All Fixed Assets](#)

Invoices

Show All Invoices [Show Invoices Commission](#)
[Show Invoices Customer Return](#)
[Show Invoices Interest](#)
[Show Invoices Invoice](#)
[Show Invoices Payroll](#)
[Show Invoices Purchase Invoice](#)
[Show Invoices Purchase Return](#)
[Show Invoices Purchase Invoice Template](#)
[Show Invoices Sales Invoice](#)
[Show Invoices Sales Invoice Template](#)
[Show Invoices Invoice Template](#)

[Show Invoices Approved](#)
[Show Invoices Cancelled](#)
[Show Invoices In-Process](#)
[Show Invoices Paid](#)
[Show Invoices Ready for Posting](#)
[Show Invoices Received](#)
[Show Invoices Sent](#)
[Show Invoices Write Off](#)

[Show Payments Cash](#)
[Show Payments Certified Check](#)
[Show Payments Company Account](#)
[Show Payments Company Check](#)
[Show Payments Disbursement](#)
[Show Payments Gift Certificate Deposit](#)
[Show Payments Gift Certificate Withdrawal](#)
[Show Payments Income Tax Payment](#)
[Show Payments Interest Receipt](#)
[Show Payments Pay Check](#)
[Show Payments Payroll Tax Payment](#)
[Show Payments Payroll Payment](#)

[Show Payments Cancelled](#)
[Show Payments Confirmed](#)
[Show Payments Not Paid](#)
[Show Payments Received](#)
[Show Payments Sent](#)
[Show Payments Electronic Funds Transfer](#)
[Show Payments Voided](#)
[Show Payments Billing Account](#)
[Show Payments Cash On Delivery](#)
[Show Payments eBay](#)
[Show Payments Offline Payment](#)
[Show Payments PayPal](#)
[Show Payments RBS WorldPay](#)

Payments

Show All Payments [Show Payments Commission Payment](#)
[Show Payments Customer Deposit](#)
[Show Payments Customer Payment](#)
[Show Payments Customer Refund](#)
[Show Payments Disbursement](#)
[Show Payments Gift Certificate Deposit](#)
[Show Payments Gift Certificate Withdrawal](#)
[Show Payments Income Tax Payment](#)
[Show Payments Interest Receipt](#)
[Show Payments Pay Check](#)
[Show Payments Payroll Tax Payment](#)
[Show Payments Payroll Payment](#)

Hostname: EC2AMAZ-S56TK5R
Instance ID: i-0606caaed9fc4c82b
Public IPv4 Address: 44.228.139.179
Private IPv4 Address: 192.168.0.47
Instance Size: t3.medium
Availability Zone: us-west-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Up to 5 Gigabit

Lab Steps: MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate The Applications
- Finalize cutover and Archive Servers

Migration Immersion Day

Mail - Michael Lin - Outlook

Yahoo奇摩新聞

catalog.us-east-1.prod.workshops.aws/workshops/a033522c-f256-40f9-9ecb-5b76a71589bc/en-US/rehost/mgn/10-archive-servers

aws workshop studio

Application Discovery Service

MGN

- Configure AWS MGN Service
- Configure Default Target Templates
- Create AWS Replication Agent IAM User
- Install the AWS Replication Agent
- AWS MGN Migration Life Cycle
- Launch Test Instance
- Shutdown Source Environment
- Launch Cutover Instance
- Update DNS and Validate the applications
- Finalize cutover and Archive Servers**

DMS

Cleanup

Content preferences

Language

Finalize cutover and Archive Servers

Finalize the cutover

When the cutover process is completed and you no longer need the replicated data in the **Staging area**, you can finalize the cutover. This will remove all the resources created during the migration and clean up the **Staging area**.

1. To finalize cutover, choose **Source servers** on the left menu, select all 4 servers, choose **Test and cutover** menu, and under **Cutover** sub-section choose **Finalize cutover**.

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Active source servers Filter source servers by property or value

Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Actions
ofbiz-db.onpremsim.env	Stalled	Cutover in progress	Stalled	39 minutes ago	Revert to "Ready for testing"
ofbiz-web.onpremsim.env	Stalled	Cutover in progress	Stalled	39 minutes ago	Revert to "Ready for testing"
wordpress-db.onpremsim.env	Stalled	Cutover in progress	Stalled	39 minutes ago	Revert to "Ready for testing"
wordpress-web.onpremsim.env	Stalled	Cutover in progress	Stalled	39 minutes ago	Revert to "Ready for testing"

2. Confirm the action by choosing **Finalize**

Application Migration Service

Source servers

Applications [New](#)Waves [New](#)

Launch history

Settings

Replication template

Launch template

Post-launch template

User preferences

Import and Export

Import [New](#)Export [New](#)[AWS Migration Hub](#)[Documentation](#)[Release Notes](#)

Application Migration Service > Active source servers

Source servers (4)

Actions

Replication

Test and cutover

Add server

► Migration Metrics

Active source servers

Filter source servers by property or value

< 1 >



<input checked="" type="checkbox"/> Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
ofbiz-db.onpremsim.env		Launched	Cutover in progress	Healthy	6 minutes ago
ofbiz-web.onpremsim.env		Launched	Cutover in progress	Healthy	12 minutes ago
wordpress-db.onpremsim.env		Launched	Cutover in progress	Healthy	10 minutes ago
wordpress-web.onpremsim.env		Launched	Cutover in progress	Healthy	10 minutes ago

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)



Services

Search

[Option+S]



Oregon ▾

TeamRole/MasterKey @ 8905-4715-0164 ▾

Application Migration Service

Source servers

Applications [New](#)

Waves [New](#)

Launch history

Settings

Replication template

Launch template

Post-launch template

User preferences

Import and Export

Import [New](#)

Export [New](#)

AWS Migration Hub [↗](#)

Documentation [↗](#)

Release Notes [↗](#)

Application Migration Service > Active source servers

Source servers (4)

Actions ▾

Replication ▾

Test and cutover ▾

Add server

Testing

Launch test instances

Mark as "Ready for cutover"

Revert to "Ready for testing"

Cutover

Launch cutover instances

Finalize cutover

Revert to "Ready for cutover"

Other

Edit Launch Settings

Edit post-launch settings

Terminate launched instances

Migration Metrics

Active source servers

Filter source servers by property or value

<input checked="" type="checkbox"/> Source server name	Alerts	Migration lifecycle	Data replication state	
ofbiz-db.onpremsim.env	Launched	Cutover in progress	Healthy	
ofbiz-web.onpremsim.env	Launched	Cutover in progress	Healthy	
wordpress-db.onpremsim.env	Launched	Cutover in progress	Healthy	
wordpress-web.onpremsim.env	Launched	Cutover in progress	Healthy	

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more ↗](#)

Event Engine - Team Dashboard X | Active source servers | Application Migration Service | Instances | EC2 Management C | Migration Immersion Day X | +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Source servers Applications New Waves New Launch history

Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

Import and Export

- Import New
- Export New

AWS Migration Hub Documentation Release Notes

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Finalize cutover for 4 servers

You are about to finalize cutover for 4 servers.

This action cannot be reversed. This will cause all replicated data to be discarded, and all AWS resources used for data replication to be terminated. [Learn more](#)

The action will be applied to the following servers

- ofbiz-db.onpremsim.env
- ofbiz-web.onpremsim.env
- wordpress-db.onpremsim.env
- wordpress-web.onpremsim.env

Cancel Finalize

Completion status	Last snapshot	Next step
7 minutes ago	Finalize cutover	
12 minutes ago	Finalize cutover	
10 minutes ago	Finalize cutover	
10 minutes ago	Finalize cutover	

Event Engine - Team Dashboard X Active source servers | Application Migration Service Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Cutover finalized
Cutover finalized for 4 servers.

Source servers

Applications New Waves New Launch history

Settings

Replication template Launch template Post-launch template User preferences

Import and Export

Import New Export New

AWS Migration Hub Documentation Release Notes

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Active source servers Filter source servers by property or value < 1 > ⚙

	Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
<input type="checkbox"/>	ofbiz-db.onpremsim.env	Launched	Cutover complete	Disconnected	-	Mark as archive
<input type="checkbox"/>	ofbiz-web.onpremsim.env	Launched	Cutover complete	Disconnected	-	Mark as archive
<input type="checkbox"/>	wordpress-db.onpremsim.env	Launched	Cutover complete	Disconnected	-	Mark as archive
<input type="checkbox"/>	wordpress-web.onpremsim.env	Launched	Cutover complete	Disconnected	-	Mark as archive

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Event Engine - Team Dashboard X | Active source servers | Application Migration Service X | Instances | EC2 Management C X | Migration Immersion Day X | +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Cutover finalized
Cutover finalized for 4 servers.

Source servers

Applications New Waves New Launch history

Settings

Replication template Launch template Post-launch template User preferences

Import and Export

Import New Export New

AWS Migration Hub Documentation Release Notes

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Active source servers Filter source servers by property or value

Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
ofbiz-db.onpremsim.env	Launched	Cutover complete	Disconnected	-	Mark as arch
ofbiz-web.onpremsim.env	Launched	Cutover complete	Disconnected	-	Mark as arch
wordpress-db.onpremsim.env	Launched	Cutover complete	Disconnected	-	Mark as arch
wordpress-web.onpremsim.env	Launched	Cutover complete	Disconnected	-	Mark as arch

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Event Engine - Team Dashboard X Active source servers | Application Migration Service Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service X

Cutover finalized
Cutover finalized for 4 servers.

Source servers

Applications New Waves New Launch history

Settings

Replication template Launch template Post-launch template User preferences

Import and Export

Import New Export New

AWS Migration Hub Documentation Release Notes

Application Migration Service > Active source servers

Source servers (4)

Actions ▲ Replication ▼ Test and cutover ▼ Add server

View server details Add servers to application Disconnect from service Mark as archived

Migration Metrics

Active source servers Filter source servers by property or value < 1 > ⚙

<input checked="" type="checkbox"/> Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
ofbiz-db.onpremsim.env	<input checked="" type="checkbox"/> Launched	Cutover complete	Disconnected	-	Mark as arch
ofbiz-web.onpremsim.env	<input checked="" type="checkbox"/> Launched	Cutover complete	Disconnected	-	Mark as arch
wordpress-db.onpremsim.env	<input checked="" type="checkbox"/> Launched	Cutover complete	Disconnected	-	Mark as arch
wordpress-web.onpremsim.env	<input checked="" type="checkbox"/> Launched	Cutover complete	Disconnected	-	Mark as arch

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Event Engine - Team Dashboard X Active source servers | Application Migration Service Instances | EC2 Management C Migration Immersion Day x +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+5]

Application Migration Service

Source servers Applications New Waves New Launch history Settings Replication template Launch template Post-launch template User preferences Import and Export Import New Export New AWS Migration Hub Documentation Release Notes

Cutover finalized
Cutover finalized for 4 servers.

Application Migration Service > Active source servers

Source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Archive 4 servers

You are about to archive 4 servers. [Learn more](#)

The action will be applied to the following servers

- ofbiz-db.onpremsim.env
- ofbiz-web.onpremsim.env
- wordpress-db.onpremsim.env
- wordpress-web.onpremsim.env

Cancel Archive

This account is currently replicating 4 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

Event Engine - Team Dashboard X Active source servers | Application Migration Service Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service X

Source servers

Applications New

Waves New

Launch history

Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

Import and Export

Import New

Export New

AWS Migration Hub

Documentation

Release Notes

Cutover finalized
Cutover finalized for 4 servers.

Servers archived
4 servers archived.

Application Migration Service > Active source servers

Source servers

Active source servers ▾ Filter source servers by property or value < 1 > ⚙

Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
No servers					

Add your source servers to this console by installing the AWS Replication Agent. Alternatively, you can add source servers without installing an agent on each guest server by installing the AWS vCenter client on your vCenter.

Add server

This account is currently replicating 0 servers out of a quota of 20 concurrent replicating servers. [Learn more](#)

The screenshot shows the AWS Application Migration Service console. On the left, there's a sidebar with navigation links like 'Source servers', 'Settings' (with sub-options for replication, launch, post-launch templates, and user preferences), 'Import and Export' (with 'Import' and 'Export' buttons), 'AWS Migration Hub', 'Documentation', and 'Release Notes'. The main content area has two green notifications at the top: one about 'Cutover finalized' (4 servers) and another about 'Servers archived' (4 servers). Below these is a breadcrumb trail: 'Application Migration Service > Active source servers'. The 'Source servers' section includes a dropdown for 'Active source servers', a search bar, and a table header with columns for 'Source server name', 'Alerts', 'Migration lifecycle', 'Data replication status', 'Last snapshot', and 'Next step'. A message below the table says 'No servers' and provides instructions for adding servers. At the bottom, it states the account is replicating 0 servers out of a quota of 20.

Event Engine - Team Dashboard X Active source servers | Application Migration Service Instances | EC2 Management C Migration Immersion Day X +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/sourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Source servers

Applications New Waves New Launch history

Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

Import and Export

- Import New
- Export New

AWS Migration Hub Documentation Release Notes

Application Migration Service > Active source servers

Source servers

Active source servers ▲ Active source servers ✓ Agentless discovered servers Imported servers Archived source servers

Filter source servers by property or value

No servers

console by installing the AWS Replication Agent. Alternatively, you can add source servers without installing an agent on each guest server by installing the AWS vCenter client on your vCenter.

Add server

This account is currently replicating 0 servers out of a quota of 20 concurrent replicating servers. Learn more

The screenshot shows the AWS Application Migration Service console with the 'Source servers' section. A dropdown menu is open, showing four options: 'Active source servers' (selected), 'Agentless discovered servers', 'Imported servers', and 'Archived source servers'. An orange arrow points to the 'Archived source servers' option. The main area displays a message about replicating servers and an 'Add server' button.

Event Engine - Team Dashboard X | Archived source servers | Appl X | Instances | EC2 Management C X | Migration Immersion Day X | +

us-west-2.console.aws.amazon.com/mgn/home?region=us-west-2#/archivedSourceServers

Incognito (2) Update

aws Services Search [Option+S]

Application Migration Service

Source servers

Applications New

Waves New

Launch history

Settings

Replication template

Launch template

Post-launch template

User preferences

Import and Export

Import New

Export New

AWS Migration Hub ↗

Documentation ↗

Release Notes ↗

Application Migration Service > Archived source servers

Archived source servers (4)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Migration Metrics

Archived source servers ▾ Filter source servers by property or value < 1 > ⚙

<input type="checkbox"/>	Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
<input type="checkbox"/>	ofbiz-db.onpremsim.env	✓ Launched	Cutover complete	Disconnected	-	-
<input type="checkbox"/>	ofbiz-web.onpremsim.env	✓ Launched	Cutover complete	Disconnected	-	-
<input type="checkbox"/>	wordpress-db.onpremsim.env	✓ Launched	Cutover complete	Disconnected	-	-
<input type="checkbox"/>	wordpress-web.onpremsim.env	✓ Launched	Cutover complete	Disconnected	-	-

Thank you!

Michael Lin

linmicht@amazon.com

