



LOGICLABS TECHNOLOGIES

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Amazon Web Services

Migrating on Premise VM

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Migrating on Premise VM

- We can use VM Import virtual machine (VM) images from our virtualization environment to Amazon EC2 as Amazon Machine Images (AMI), which we can use to launch instances.
- **Operating System Supports Imports:** [Click Here](#)
- Install VM Workstation & Install Linux/Windows.
- We have install Ubuntu 18.04 LTS in our VM WorkStation
- **Note: After Installation Make sure we have enabled SSH Port & Configure IP Address to Our Linux Machine**

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- Generate the OVA File

File



Export to OVF

- Save the file with extension .ova
- Download OVA File: [Click Here](#)
- Create S3 Bucket
- Upload OVA File
- Upload the file using graphical interface or using WINSCP

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- Generate Access Key ID and Secret Access Key
- Click on Account ID
- Click on My Security Credentials
- Click on Access Keys
- Click on Create New Access Key
- Download the key file

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- Download CLI Tool & Install: [Click Here](#)

- Open Command prompt

- Connect to AWS

aws configure

- Enter AWS Access Key ID

- Enter AWS Secret Access Key

- Press Enter

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- Create Service Role
- Create a file named trust-policy.json on our computer. Add the following policy to the file:
- Download Trust Policy Code: [Click Here](#)
- Download Role Command: [Click Here](#)
- Paste the Role Command in CLI

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- Create a file named role-policy.json on our computer.
Add the following policy to the file:
- Enter the S3 Bucket Name
- Download Role Policy Code: [Click Here](#)
- Download Role Policy Command: [Click Here](#)
- Paste the Role Policy Command in CLI

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- Create a file named containers.json on our computer. Mention the key name of the object upload in S3 Bucket. Add the following policy to the file.
- Note down the key name of the object
- Download Containers Code: [Click Here](#)
- Download Import Image Command: [Click Here](#)
- Paste the Import Image Command in CLI

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- System has generated our AMI Number. Note down the AMI Number
- Download Monitor Command: [Click Here](#)
- Change AMI Number as the system generated
- Paste the AMI Monitor Command in CLI
- Go to AWS & check AMI
- Launch an Instance using the AMI

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- Launch the instance
- Connect the instance using Putty
- Enter the username (ankit)
- Enter the password (training)
- Check the Files



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