

Set the AMI

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An AMI is an Amazon Machine Image. This is a list of Operating Systems that you can have automatically installed when you create an EC2 Instance. See a small AMI list below:

The screenshot shows the AWS Management Console interface for selecting an Amazon Machine Image (AMI). The page is titled 'Step 1: Choose an Amazon Machine Image (AMI)' and includes a 'Cancel and Exit' link. A 'Quick Start' sidebar on the left shows 'My AMIs', 'AWS Marketplace', and 'Community AMIs', with a 'Free tier only' filter selected. The main content area displays a list of AMIs, each with a logo, name, description, root device type, virtualization type, and a 'Select' button. The AMI IDs are highlighted in red boxes: 'ami-ed100689' for Amazon Linux, 'ami-a9eae0cd' for SUSE Linux, 'ami-40a8b724' for Red Hat, 'ami-996372fd' for Ubuntu, 'ami-5a80963e' for Microsoft Windows Server 2016 Base, and 'ami-5c8e9838' for Microsoft Windows Server 2016 Base with Containers.

Logo	AMI Name	AMI ID	Root device type	Virtualization type	Architecture
Amazon Linux	Amazon Linux AMI 2017.03.1 (HVM), SSD Volume Type	ami-ed100689	ebs	hvm	64-bit
SUSE Linux	SUSE Linux Enterprise Server 12 SP2 (HVM), SSD Volume Type	ami-a9eae0cd	ebs	hvm	64-bit
Red Hat	Red Hat Enterprise Linux 7.3 (HVM), SSD Volume Type	ami-40a8b724	ebs	hvm	64-bit
Ubuntu	Ubuntu Server 16.04 LTS (HVM), SSD Volume Type	ami-996372fd	ebs	hvm	64-bit
Windows	Microsoft Windows Server 2016 Base	ami-5a80963e	ebs	hvm	64-bit
Windows	Microsoft Windows Server 2016 Base with Containers	ami-5c8e9838	ebs	hvm	64-bit

I have not found anywhere that lists all of the available AMIs and their IDs, I can see why because it is a rather long list and AMI numbers change between AZs as well (make note of that, your script will **not** work in any AZ just by changing the region value.)

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