

# Installing the AWS Replication Agent on Linux

Before installing, please ensure that you are aware of the following:

- You need root privileges to run the Agent installer file on a Linux server. Alternatively, you can run the Agent Installer file with sudo permissions.
  - The Linux installer creates the "**aws-replication**" group and "**aws-replication**" user within that group. The Agent will run within the context of the newly created user. Agent installation will attempt to add the user to "**sudoers**". Installation will fail if the Agent is unable to add the newly created "**aws-replication**" user to "**sudoers**".
1. Download the agent installer aws-replication-installer-init onto your Linux source server. The Agent installer download location follows this format:

**`https://aws-elastic-disaster-recovery-  
<REGION>.s3.<REGION>.amazonaws.com/latest/linux/aws-replication-installer-init`**

The following is an example for downloading the installer file from the us-east-1 region:

**`wget -O ./aws-replication-installer-init https://aws-elastic-disaster-recovery-us-east-1.s3.us-east-1.amazonaws.com/latest/linux/aws-replication-installer-init`**

**Note:** AWS Regions that are not opt-in also support the shorter installer path:

**`https://aws-elastic-disaster-recovery-<REGION>.s3.amazonaws.com/latest/linux/aws-replication-installer-init`**. Replace **<REGION>** with the AWS Region into which you are replicating.

2. Use the following command on your source server in order to run the installation script.

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

3. The installer will prompt you to enter your AWS Region Name, the AWS Access Key ID and AWS Secret Access Key that you previously generated. Enter the complete AWS Region name (for example, eu-central-1), the full AWS Access Key ID and the full AWS Secret Access Key.

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

The installation of the AWS Replication Agent has started.

AWS Region name: us-east-1

AWS Access Key ID: AKIAI0SF0DNN71EXAMPLE

AWS Secret Access Key: wJalrXUtnFEMI/K71MDENG/bPxRfiCYEXAMPLEKEY

4. Once you have entered your credentials, the installer will identify volumes for replication. The installer will display the identified disks and prompt you to choose the disks you want to replicate.

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

AWS Secret Access Key: wJalrXUtnFEMI/K71MDENG/bPxRfiCYEXAMPLEKEY

Identifying volumes for replication. Choose the disks you want to replication. Your disks are:  
/dev/sda,/dev/xvda

To replication some of the disks, type the path of the disks, separated with a comma (for example, /dev/sda,/dev/sdb).

To replicate all disks, press Enter:

To replicate some of the disks, type the path of the disks, separated by a comma, as illustrated in the installer (such as: /dev/sda, /dev/sdb, etc). To replicate all of the disks, press Enter. The installer will identify the selected disks and print their size.

**\$ chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init**

To replicate some of the disks, type the path of the disks, separated with a comma (for example, /dev/sda,/dev/sdb).

To replicate all disks, press Enter:

Identified volume for replication: /dev/xvda of size 8 GiB

The installer will confirm that all disks were successfully identified.

**\$ chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init**

**Identified volume for replication: /dev/xvda of size 8 GiB**

**All volumes for replication were successfully identified.**

5. After all of the disks that will be replicated have been successfully identified, the installer will download and install the AWS Replication Agent on the source server.

**\$ chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init**

Identified volume for replication: /dev/xvda 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

6. Once the AWS Replication Agent is installed, the server will be added to the AWS Elastic Disaster Recovery console and will undergo the initial sync process. The installer will provide you with the source server's ID.

**\$ chmod +x aws-replication-installer-init; sudo ./aws-replication-installer-init**

Installing the AWS Replication Agent onto the source server... Finished

Syncing the source server with the AWS Elastic Disaster Recovery console... Finished

The following is the source server ID: s-3146f90b19example

The AWS Replication Agent was successfully installed.