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## AWS SDK for PHP

Developer Guide



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# Installing the AWS SDK for PHP Version 3

You can install the AWS SDK for PHP Version 3:

- As a dependency via Composer
- As a prepackaged phar of the SDK
- As a ZIP file of the SDK

Before you install AWS SDK for PHP Version 3 ensure your environment is using PHP version 5.5 or later. Learn more about [environment requirements and recommendations](#)

## Install AWS SDK for PHP as a dependency via Composer

[Composer](#) is the recommended way to install the AWS SDK for PHP. Composer is a tool for PHP that manages and installs the dependencies of your project.

For more information on how to install Composer, configure autoloading, and follow other best practices for defining dependencies, see [getcomposer.org](#).

### Install Composer

If Composer is not already in your project, download and [install Composer](#).

For **Windows**, download and run the [Composer-Setup.exe](#).

For **Linux**, follow the Command-line installation on [the Download Composer page](#).

### Add AWS SDK for PHP as a dependency via Composer

If [Composer is already installed globally](#) on your system, run the following in the base directory of your



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```
composer require aws/aws-sdk-php
```

Otherwise type this Composer command to install the latest version of the AWS SDK for PHP as a dependency.

```
php -d memory_limit=-1 composer.phar require aws/aws-sdk-php
```

## Add autoloader to your php scripts

To utilize the AWS SDK for PHP in your scripts, include the autoloader in your scripts, as follows.

```
<?php
require '/path/to/vendor/autoload.php';
?>
```

## Installing by Using the Packaged Phar

Each release of the AWS SDK for PHP includes a prepackaged phar (PHP archive) that contains all the classes and dependencies you need to run the SDK. Additionally, the phar automatically registers a class autoloader for the AWS SDK for PHP and all its dependencies.

You can [download the packaged phar](#) and include it in your scripts.

```
<?php
require '/path/to/aws.phar';
?>
```

### Note

Using PHP with the Suhosin patch is not recommended, but is common on Ubuntu and Debian distributions. In this case, you might need to enable the use of phars in the suhosin.ini. If you don't do this, including a phar file in your code will cause a silent failure. To modify suhosin.ini, add the following line.

```
suhosin.executor.include.whitelist = phar
```

## Installing by Using the ZIP file

The AWS SDK for PHP includes a ZIP file containing all the classes and dependencies you need to run the SDK. Additionally, the ZIP file includes a class autoloader for the AWS SDK for PHP and its dependencies.

To install the SDK, [download the .zip file](#), and then extract it into your project at a location you choose. Then include the autoloader in your scripts, as follows.

```
<?php
    require '/path/to/aws-autoloader.php';
?>
```



# Download Composer

Latest: v1.9.1

## Windows Installer

The installer will download composer for you and set up your PATH environment variable so you can simply call `composer` from any directory.

Download and run [Composer-Setup.exe](#) - it will install the latest composer version whenever it is executed.

## Command-line installation

To quickly install Composer in the current directory, run the following script in your terminal. To automate the installation, use [the guide on installing Composer programmatically](#).

```
php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
php -r "if (hash_file('sha384', 'composer-setup.php') ===
'a5c698ffe4b8e849a443b120cd5ba38043260d5c4023dbf93e1558871f1f07f58274fc6f4c93b
{ echo 'Installer verified'; } else { echo 'Installer corrupt';
unlink('composer-setup.php'); } echo PHP_EOL;"
php composer-setup.php
php -r "unlink('composer-setup.php');"
```

This installer script will simply check some `php.ini` settings, warn you if they are set incorrectly, and then download the latest `composer.phar` in the current directory. The 4 lines above will, in order:

- Download the installer to the current directory
- Verify the installer SHA-384, which you can also [cross-check here](#)
- Run the installer
- Remove the installer

**WARNING:** Please do not redistribute the install code. It will change with every version of the installer. Instead, please link to this page or check [how to install Composer programmatically](#).

## Installer Options

## --install-dir

You can install composer to a specific directory by using the `--install-dir` option and providing a target directory. Example:

```
php composer-setup.php --install-dir=bin
```

## --filename

You can specify the filename (default: `composer.phar`) using the `--filename` option. Example:

```
php composer-setup.php --filename=composer
```

## --version

You can install composer to a specific release by using the `--version` option and providing a target release. Example:

```
php composer-setup.php --version=1.0.0-alpha8
```

# Preview / Snapshot Releases

By default the installer and `composer self-update` will download stable versions only. If you would like to help test pre-release versions you can use the `--preview` flag on either installer or self-update. For snapshot builds which are done from the latest Composer commit, you can use the `--snapshot` flag.

# Manual Download

If you prefer to download the phar manually, here are the available versions:

### Latest Snapshot

Composer (composer.phar) versions history			
1.9.1	2019-11-01	sha256	1f210b9037fcf82670d75892dfc44400f13fe9ada7af9e787f93e50e3b764111
1.9.0	2019-08-02	sha256	c9dff69d092bdec14dee64df6677e7430163509798895fbd54891c166c5c0875
1.8.6	2019-06-11	sha256	b66f9b53db72c5117408defe8a1e00515fe749e97ce1b0ae8bdaa6a5a43dd542
1.8.5	2019-04-09	sha256	4e4c1cd74b54a26618699f3190e6f5fc63bb308b13fa660f71f2a2df047c0e17
1.8.4	2019-02-11	sha256	1722826c8fbaef2d6cdd31c9c9af38694d6383a0f2bf476fe6bbd30939de058a
1.8.3	2019-01-30	sha256	5733ae9516e9185b7c3328d16dac75f3475f8ef137572dfb497f0f298157df33

1.8.2	2019-01-29	<a href="#">sha256</a>	489025eb489a2a70b8cdd7acd53f530e7be22a342b8c971a9d73091b898c7aed
1.8.1	2019-01-29	<a href="#">sha256</a>	ded65cb32160648146a264eaf4b4919308b3f1fdc8e38a0dde8406396860dfab
1.8.0	2018-12-03	<a href="#">sha256</a>	0901a84d56f6d6ae8f8b96b0c131d4f51ccaf169d491813d2bcedf2a6e4cefa6
1.7.3	2018-11-01	<a href="#">sha256</a>	bc6cbcd2c0fbc03c7ab87442b5f1fbc9407f0b9900bddc10d755bdc81bbe7b6e
1.7.2	2018-08-16	<a href="#">sha256</a>	ec3428d049ae8877f7d102c2ee050dbd51a160fc2dde323f3e126a3b3846750e
1.7.1	2018-08-07	<a href="#">sha256</a>	1c0e95dc3f33985f9eeabb6f57896c0f9d46b7c9e70ad7bf2210a5508869a8fa
1.7.0	2018-08-03	<a href="#">sha256</a>	88068af567884a6266ef255d3d17053f583c9074dc75161b7a35eda8e553849a
1.7.0-RC	2018-07-24	<a href="#">sha256</a>	902d97573567b72a07754b20c64949ba878bb85571c0d3e5c6ddae66ffb278c0
1.6.5	2018-05-04	<a href="#">sha256</a>	67bebe9df9866a795078bb2cf21798d8b0214f2e0b2fd81f2e907a8ef0be3434
1.6.4	2018-04-13	<a href="#">sha256</a>	8d0d9246f68532cc8fd6a47a58d195f0c849d26430f93c397a3176fc2d971ded
1.6.3	2018-01-31	<a href="#">sha256</a>	52cb7bbbaee720471e3b34c8ae6db53a38f0b759c06078a80080db739e4dcab6
1.6.2	2018-01-05	<a href="#">sha256</a>	6ec386528e64186dfe4e3a68a4be57992f931459209fd3d45dde64f5efb25276
1.6.1	2018-01-04	<a href="#">sha256</a>	71b6701ab75c93d0986b3e906d9d2586f0ae1b3e611583210a9542021861f581
1.6.0	2018-01-04	<a href="#">sha256</a>	45031b4ae95bb6f4bdd33704a1932bfb8b56f5a590ee16b4946f481903c28fd1
1.6.0-RC	2017-12-19	<a href="#">sha256</a>	fbbc2a8085331976ff08a7920230a30e38b847b1f3bfbae54e1c0ea6676b2fae
1.5.6	2017-12-18	<a href="#">sha256</a>	25e75d72818c4f1d46b3ae47a8deaaf4ef25c87198329d4a6ee53601b00459e5
1.5.5	2017-12-01	<a href="#">sha256</a>	8ef8c4fb73c8cc1e950119799aec31e0ae5913dab8dd8f53d9c2e3985ac3ad2b
1.5.4	2017-12-01	<a href="#">sha256</a>	b85461bb94c1abf1ccaa6832a7992c08d2d851f844c575626766554bd96de8c3
1.5.3	2017-11-30	<a href="#">sha256</a>	f50e3b1d7daa6afc532341e52735db32819310cb2f63cb166f69dc7e074a657e
1.5.2	2017-09-11	<a href="#">sha256</a>	c0a5519c768ef854913206d45bd360efc2eb4a3e6eb1e1c7d0a4b5e0d3bbb31f
1.5.1	2017-08-09	<a href="#">sha256</a>	2745e7b8cccd2e97f84b9e9cb0f9c401702f47cecea5a67f095ac4fala44fb80
1.5.0	2017-08-08	<a href="#">sha256</a>	8a9f570241f1f858529c13f4d09d38b3379fe1a1d27cb74bc71093f1a8f1b225
1.4.3	2017-08-06	<a href="#">sha256</a>	03fc40c59e1e5711d61d6f340e9159ac94701107e0fe05aa795b611d004bdf35
1.4.2	2017-05-17	<a href="#">sha256</a>	6b1945c3ee477f12be508a5bb41a5025d57de5510bcf94855ae6a4d59f3d86f4

1.4.1	2017-03-10	sha256	abd277cc3453be980bb48cbffe9d1f7422ca1ef4bc0b7d035fda87cea4d55cbc
1.4.0	2017-03-08	sha256	2e2d851f9ff3c9b526bfecc2e7f020cc7a74d8f64fbb403061d13f23f091a137
1.3.3	2017-03-08	sha256	2a63562e756a27b0f0391461bcf06306b3cfdae54beec3728dde94e94a99d96
1.3.2	2017-01-27	sha256	6a4f761aa34bb69fca86bc411a5e9836ca8246f0fcd29f3804b174fee9fb0569
1.3.1	2017-01-07	sha256	f3e0faddf49039edf40ab62c497e0926286e8871a50228fd90ea91dcebbd15c3
1.3.0	2016-12-23	sha256	92ce3125cae2015c5c1f7657e78a6e239ff47b714eb1418288abf45d55f3be27
1.3.0-RC	2016-12-11	sha256	e21e98f17932a49a00bfb1397b62c79f4e22937b09ff4d2fec92fca82381011
1.2.4	2016-12-06	sha256	3c900579659b79a4e528722e35bd160c86090e370e9cb41cc07c7a22c674c657
1.2.3	2016-12-01	sha256	3378c1422bffa09c29714aefd3240b963ce7731e71ae8894d9c7991101325cb8
1.2.2	2016-11-03	sha256	c6ae4e099351233f5f82ade9738475eec6587aadf9ffe66fec4c350b329fbb32
1.2.1	2016-09-12	sha256	c2e04040b807a8530e5c83de56bdaaf63a0f183f8fd449bbe6e41f660e647427
1.2.0	2016-07-18	sha256	dc80131545ed7f7b1369ae058824587f0718892f6a84bd86cfb0f28ab5e39095
1.2.0-RC	2016-07-04	sha256	1e1dddd7fbccd5de565cfb0429020d4f9f95a6207b48952d939aadcf891d2fdc
1.1.3	2016-06-26	sha256	4349ef555c8478b8fe148b10957bc40d696ce7b8cdeb7d50d3d684a854dca5cc
1.1.2	2016-05-31	sha256	7af2409080619e2ba98e78d7675710c23acf2ccf088d4439a4f79c33ed85c505
1.1.1	2016-05-17	sha256	7f26efee06de5a1a061b6b1e330f5acc9ee69976d1551118c45b21f358cbc332
1.1.0	2016-05-10	sha256	d8e1d21081b7076dfc9a570620e082111ab196dabd83780e50025c52d62b801c
1.1.0-RC	2016-04-29	sha256	31e771ed24f3db45019a073fe9e43a6a8e75249962012955cd105ebec0a08100
1.0.3	2016-04-29	sha256	78c5c0e3f41dcd4d6ee532d9ae7e23afa33bdd409d8824dff026f3991d6ad70a
1.0.2	2016-04-21	sha256	264673ccee900b22192605b8c74ecb77c45a5197347edacd142699866c478f4c
1.0.1	2016-04-18	sha256	de069dae8c7bf01adedc925d3ac2358e5318a1b05580b001aa04e585fa55d8c0
1.0.0	2016-04-05	sha256	1acc000cf23bd9d19e1590c2edeb44fb915f88d85f1798925ec989c601db0bd6
1.0.0-beta2	2016-03-27	sha256	128f8c7ad49a71e4abda885ca52c603e370d5cbcd85479ae1eab4a58a398a6a4

1.0.0-beta1	2016-03-03	sha256	4344038a546bd0e9e2c4fa53bced1c7faef1bcccab09b2276ddd5cc01e4e022a
1.0.0-alpha11	2015-11-14	sha256	47347f16d366145eafb45d2e800012dc80cb8fc08d1d299849825c51465381ac
1.0.0-alpha10	2015-04-14	sha256	9f2c7d0364bc743bcde9cfe1fe84749e5ac38c46d47cf42966ce499135fd4628
1.0.0-alpha9	2014-12-07	sha256	33ef1c07649bc1e135e73f0944415753233faf803cff493006f8bd9e744ff1f4
1.0.0-alpha8	2014-01-06	sha256	1c73973d7cfb73f3e6b425b943a3e1459f5199984f37f008c48cf2b671dd3f2b
1.0.0-alpha7	2013-05-04	sha256	8fb4ac2da72856394b4bdd65d470797b23c27d496821a456046527fe6ccc9786
1.0.0-alpha6	2012-10-23	sha256	eacac2a637de230e6091fdb45e893705049f929c271a5dc90d2c9eac0f44c5c4
1.0.0-alpha5	2012-08-18	sha256	7e0fd9248b0f03ddb3d20d4be2d130fecce432b66ff96f6e99a906f85d82796
1.0.0-alpha4	2012-07-04	sha256	b1f5737a3916ad34f74566be51d21f3597d9aebaa382d942c5bda4d1338008b3
1.0.0-alpha3	2012-05-13	sha256	7cac0a430602342a60949e580d49fefde57b5ff53d4b488e18d78aabf57eef19
1.0.0-alpha2	2012-04-03	sha256	acc373396d66d0083231a9d90691886e894ccca778398258e44c3dab60db2363
1.0.0-alpha1	2012-03-01	sha256	dd703cf132b2a6bb9b2a407ef8834cab9f433cf04f252f1a125b09f8f7a46912

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