SSM - Node Management - Distributor

## Service Overview

AWS Systems Manager Distributor lets you package your own software—and find AWS-provided agent software packages, such as **AmazonCloudWatchAgent**, or third-party packages such as **Trend Micro**—to install on AWS Systems Manager managed instances. Distributor publishes resources, such as software packages, to AWS Systems Manager managed instances. Publishing a package advertises specific versions of the package's document—a Systems Manager [document](https://docs.aws.amazon.com/systems-manager/latest/userguide/sysman-ssm-docs.html) that you create when you add the package in Distributor—to managed instances that you identify by managed instance IDs, AWS account IDs, tags, or an AWS Region.

## Use cases / Considerations

Distributor [benefits](https://docs.aws.amazon.com/systems-manager/latest/userguide/distributor.html#distributor-benefits):

* One package, many platforms
* Control package access across groups of managed instances
* Many AWS agent packages included and ready to use
* Automate deployment

Distributor [features](https://docs.aws.amazon.com/systems-manager/latest/userguide/distributor.html#distributor-features):

* Deployment of packages to both Windows and Linux instances
* Deploy packages one time, or on an automated schedule
* Completely reinstall packages, or perform in-place updates
* Console, CLI, PowerShell, and SDK access to Distributor capabilities
* Logging and auditing capability support

## Governance

[Auditing and logging Distributor activity](https://docs.aws.amazon.com/systems-manager/latest/userguide/distributor-logging-auditing.html)

## Cautions

### [Supported package platforms and architectures](https://docs.aws.amazon.com/systems-manager/latest/userguide/distributor.html#what-is-a-package)

## Pricing considerations

[Distributor pricing](https://aws.amazon.com/systems-manager/pricing/#Distributor)

## More details

* [Distributor](https://docs.aws.amazon.com/systems-manager/latest/userguide/distributor.html)
* [Setting up Distributor](https://docs.aws.amazon.com/systems-manager/latest/userguide/distributor-getting-started.html)
* [Working with Distributor](https://docs.aws.amazon.com/systems-manager/latest/userguide/distributor-working-with.html)
* [Auditing and logging Distributor activity](https://docs.aws.amazon.com/systems-manager/latest/userguide/distributor-logging-auditing.html)
* [Troubleshooting AWS Systems Manager Distributor](https://docs.aws.amazon.com/systems-manager/latest/userguide/distributor-troubleshooting.html)
* [Manage Distribution of Software Packages with AWS Systems Manager Distributor (video)](https://www.youtube.com/watch?v=AvQWkfgEQI8)