



# Amazon Managed Workflows for Apache Airflow pricing

## Pricing summary / tiers

With Amazon Managed Workflows for Apache Airflow Serverless (MWAA Serverless) you pay for what you use. You pay per task for its duration, for a minimum of 1 minute. There are no upfront commitments.

With Amazon Managed Workflows for Apache Airflow (MWAA) you pay only for what you use. There are no minimum fees or upfront commitments. You pay for the time your Airflow Environment runs plus any additional auto-scaling to provide more worker or web server capacity.

## Pricing

### MWAA Serverless Pricing

**Hourly AWS Managed Tasks Usage**

You pay for AWS Managed Tasks usage on an hourly basis that is billed at one second resolution and charged for a minimum of 1 minute. See the MWAA Serverless Pricing table for details.

### MWAA Environment Pricing

**Hourly Instance Usage**

You pay for your Managed Workflows environment usage on an hourly basis (billed at one second resolution), with varying fees depending on the size of the environment. See the Environment Instance Pricing table for details.

### MWAA Additional Worker Instance Pricing

**Hourly Instance Usage**

If you opt for auto-scaling, you pay for any additional worker instances used based upon your Managed Workflow environment task load. Usage is billed on an hourly basis (at one second resolution), with varying fees depending on the size of the environment. See the Additional Worker Instance Pricing table for details.

### MWAA Additional Scheduler Instance Pricing

**Hourly Instance Usage**

If you opt for additional schedulers beyond those included with your Managed Workflows environment, you pay for any additional scheduler instances used based upon your Managed Workflow environment availability. See the Additional Scheduler Instance Pricing table for details.

### MWAA Additional Web Server Instance Pricing

Hourly Instance Usage

## Pricing table

### MWAA Serverless Pricing

Region: Europe (London)

| Task Type         | Price Per Hour |
|-------------------|----------------|
| AWS Managed Tasks | \$0.1200       |

### MWAA Environment Instance Pricing

Region: Europe (London)

| Size   | Scheduler vCPU | Worker vCPU | Web Server vCPU | Recommended Workflow Capacity | Price Per Hour |
|--------|----------------|-------------|-----------------|-------------------------------|----------------|
| Micro  | 1              | 1           | 1               | Up to 25 DAGs                 | \$0.333557     |
| Small  | 1              | 1           | 1               | Up to 50 DAGs                 | \$0.563597     |
| Medium | 2              | 2           | 1               | Up to 250 DAGs                | \$0.851146     |
| Large  | 4              | 4           | 2               | Up to 1000 DAGs               | \$1.138696     |
| XL     | 8              | 8           | 4               | Up to 2000 DAGs               | \$2.277392     |
| ZXL    | 16             | 16          | 8               | Up to 4000 DAGs               | \$4.554784     |

### MWAA Additional Worker Instance Pricing

| Size   | Price Per Hour |
|--------|----------------|
| Small  | \$0.063261     |
| Medium | \$0.126522     |
| Large  | \$0.253043     |
| XL     | \$0.506086     |
| ZXL    | \$1.012172     |

### MWAA Additional Scheduler Instance Pricing

| Size   | Price Per Hour |
|--------|----------------|
| Small  | \$0.063261     |
| Medium | \$0.126522     |
| Large  | \$0.253043     |
| XL     | \$0.506086     |
| ZXL    | \$1.012172     |

### MWAA Additional Web Server Instance Pricing

| Size   | Price Per Hour |
|--------|----------------|
| Small  | \$0.063261     |
| Medium | \$0.063261     |
| Large  | \$0.126522     |
| XL     | \$0.253043     |
| ZXL    | \$0.506086     |

### MWAA Meta Database Storage

|                     |
|---------------------|
| \$0.10 per GB Month |
|---------------------|

## MWAA Serverless Pricing examples

If you are using MWAA Serverless in the US East (N. Virginia) region where your workflows use AWS Managed Operators to run 1,000 AWS Managed Tasks each less than a minute and 1,000 tasks each 2 minutes, you would pay following for the month:

**MWAA Serverless charges**  
AWS Managed Tasks usage (in hours) = (1,000 X 1/60) hours + (1,000 X 2/60) hours = 16.7 hours + 33.3 hours = 50 hours  
x \$0.080 (price per hour for a large environment in the US East (N. Virginia) region)  
= \$4.00  
Total charge = \$4.00

## MWAA Pricing examples

If you are operating a large (L) Amazon MWAA environment with Apache Airflow version 2.8.1 in the US East (N. Virginia) region where your variable demand requires 10 workers simultaneously for 2 hours a day, you require a total of 4 web servers simultaneously for 3 hours a day to manage your programmatic and Airflow UI load, a total of 3 schedulers to manage your workflow definitions, and you need to retain 40 GB of data (approximately 200 daily workflows, each with 20 tasks, stored for 6 months), you would pay the following for the month:

**Environment instance charge**  
Instance usage (in hours) = 31 days x 24 hrs/day = 744 hours  
x \$0.99 (price per hour for a large environment in the US East (N. Virginia) region)  
= \$736.56

**Worker charge**  
Instance usage (in hours) = 31 days x 2 hrs/day x 9 additional instances (10 less 1 included with environment) = 558 hours  
x \$0.22 (price per hour for a large worker in the US East (N. Virginia) region)  
= \$122.76

**Scheduler charge**  
Instance usage (in hours) = 31 days x 24 hrs/day x 1 additional instances (3 less 2 included with environment) = 744 hours  
x \$0.22 (price per hour for a large scheduler in the US East (N. Virginia) region)  
= \$163.68

**Web Server charge**  
Instance usage (in hours) = 31 days x 3 hrs/day x 2 additional instances (4 less 2 included with environment) = 186 hours  
x \$0.11 (price per hour for a large web server in the US East (N. Virginia) region)  
= \$20.46

**Meta database charge**  
40 GB of storage x \$0.10 GB-month = \$4.00  
Total charge = \$1047.46

If you are operating a small Managed Workflows environment with Apache Airflow version 2.8.1 in the US East (N. Virginia) region where each day your system spikes to 50 concurrent workers for an hour, with typical data retention, you would pay the following for the month:

**Environment charge**  
Instance usage (in hours) = 31 days x 24 hrs/day = 744 hours  
x \$0.49 (price per hour for a small environment in the US East (N. Virginia) region)  
= \$364.56

**Worker charge**  
Instance usage (in hours) = 31 days x 1 hrs/day x 49 additional instances (50 less 1 included with environment) = 1519 hours  
x \$0.055 (price per hour for a small worker in the US East (N. Virginia) region)  
= \$83.55

**Meta database charge**  
10 GB of storage x \$0.10 GB-month = \$1.00  
Total charge = \$449.11

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