


# AWS Marketplace Starburst PAYGO


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## Starburst Enterprise for EKS PayGo

By: [Starburst](#) Latest Version: Starburst Enterprise 402-e.1

A fast, scalable, distributed MPP SQL engine. Architected to separate storage and compute, Starburst Enterprise is cloud native and queries data in S3, Hadoop, SQL and NoSQL databases, [Show more](#)

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## Product Overview

Starburst Enterprise is a fast, scalable, distributed MPP SQL engine. Architected for separation of storage and compute, Starburst Enterprise is cloud native and can query data in S3, Hadoop, SQL and NoSQL databases, and other data sources. This offering is maintained by Starburst, the leading contributors to Trino, formerly Presto® SQL and optimized to be deployed via Kubernetes. In addition to all capabilities of the open source Trino, Starburst Enterprise includes additional security and performance features - more connectors, parallelism, pushdown, a cost-based query optimizer, an intuitive web interface, caching, accelerated Parquet reader, support for running additional deployment platforms, and much more. Additional or improved connectors include:

- Starburst DB2 connector
- Starburst JDBC connector
- Starburst Hive connector and extensions
- Starburst Delta Lake connector
- Starburst Kafka connector
- Starburst MySQL connector
- Starburst Oracle connector
- Starburst PostgreSQL connector
- Starburst Redshift connector
- Starburst Salesforce connector

### Highlights

- Cost-based optimizer enables superior query performance
- Autoscaling, caching, and a built in query editor



## Starburst Enterprise for EKS PayGo

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#### Starburst Enterprise for EKS PayGo

Additional taxes or fees may apply.

##### Starburst Enterprise for EKS PayGo

| Unit type           | Cost/unit |
|---------------------|-----------|
| Price per vCPU hour | \$0.04    |

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| Starburst Enterprise for EKS PayGo | 12/9/2022      | N/A             | <a href="#">▼ Show Details</a> |

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## Configure this software

Choose a fulfillment option and software version to launch this software.

### Fulfillment option

Helm Chart CLI installation

### Supported services [Learn more](#)

- Amazon EKS

### Software version

Starburst Enterprise 402-e.1 (Dec 06, 2022)


### Fulfillment option description

Starburst Enterprise for EKS PayGo can be installed with Helm on EKS clusters only. All users must create a service account and associate an OIDC provider to access the AWS License Manager. In addition, users running Graviton (ARM64) EC2 machines need to set the right image tags and architecture.

## Launch this software

Review the launch configuration details and follow the instructions to launch this software.

### Configuration details

|                    |  |
|--------------------|--|
| Fulfillment option | Helm Chart CLI installation  |
| Software version   | Starburst Enterprise 402-e.1   |
| Supported services | <a href="#">Amazon EKS</a>  |

[Usage instructions](#)

### Launch target


Choose a launch target for this software.

Amazon managed Kubernetes

#### Amazon managed Kubernetes

Launch the software in Amazon Elastic Kubernetes Service (EKS)

### Launch instructions

Perform the following steps to launch this software. [Learn more](#) 

#### Step 1: Create an AWS IAM role and Kubernetes service account

Use the following command to create an AWS IAM role and Kubernetes service account.

```
kubectl create namespace starburst-enterprise  
  
eksctl create iamserviceaccount \
```

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## Launch instructions

Perform the following steps to launch this software. [Learn more](#)

### Step 1: Create an AWS IAM role and Kubernetes service account

Use the following command to create an AWS IAM role and Kubernetes service account.

```
eksctl create iamserviceaccount \  
  --name starburst-enterprise-sa \  
  --namespace starburst-enterprise \  
  --cluster <ENTER_YOUR_CLUSTER_NAME_HERE> \  
  --attach-policy-arn arn:aws:iam::aws:policy/AWSMarketplaceMeteringFull
```

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### Step 2: Launch the software

Use the following commands to launch this software by installing a Helm chart on your Amazon EKS cluster. The Helm CLI version in your launch environment must be 3.7.1.

```
tar xf $(pwd)/* && find $(pwd) -maxdepth 1 -type f -delete  
  
helm install starburst-enterprise \  
  --namespace starburst-enterprise ./*
```

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### Next steps

Choose Usage instructions to view seller-provided instructions for using this product.

[Usage instructions](#)

### Step 1: Create an AWS IAM role and Kubernetes service account

Use the following command to create an AWS IAM role and Kubernetes service account.

```
kubectl create namespace starburst-enterprise

eksctl create iamserviceaccount \
  --name starburst-enterprise-sa \
  --namespace starburst-enterprise \
  --cluster ENTER YOUR CLUSTER NAME HERE
```

[Copy](#)

### Step 2: Launch the software

Use the following commands to launch this software by installing a Helm chart on your Amazon EKS cluster. The Helm CLI version in your launch environment must be 3.7.1.

```
tar xf $(pwd)/* && find $(pwd) -maxdepth 1 -type f -delete

helm install starburst-enterprise \
  --namespace starburst-enterprise ./*
```

[Copy](#)

The script needs to be amended as below:

```
helm install starburst-enterprise \
  --set serviceAccountName="starburst-enterprise-sa" \
  --namespace starburst-enterprise ./*
```

### Next steps

Choose Usage instructions to view seller-provided instructions for using this product.

[Usage instructions](#)

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