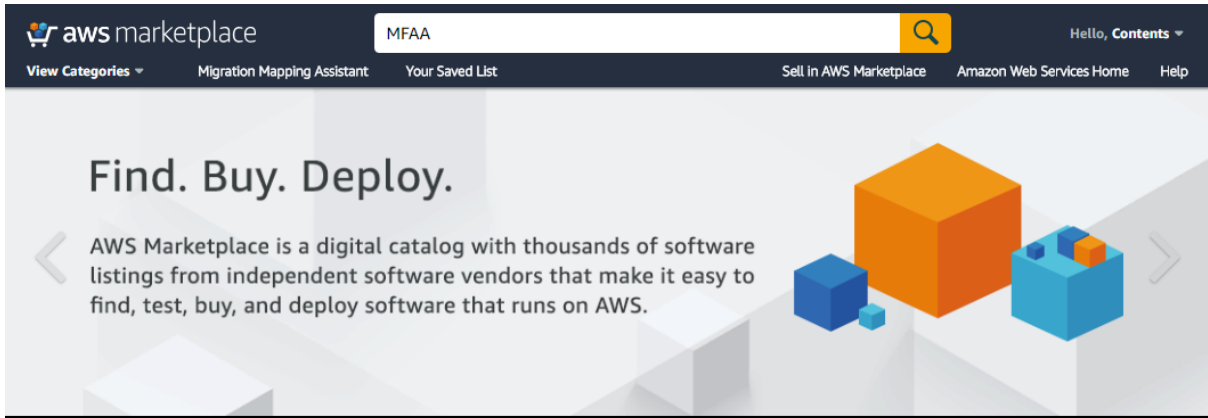
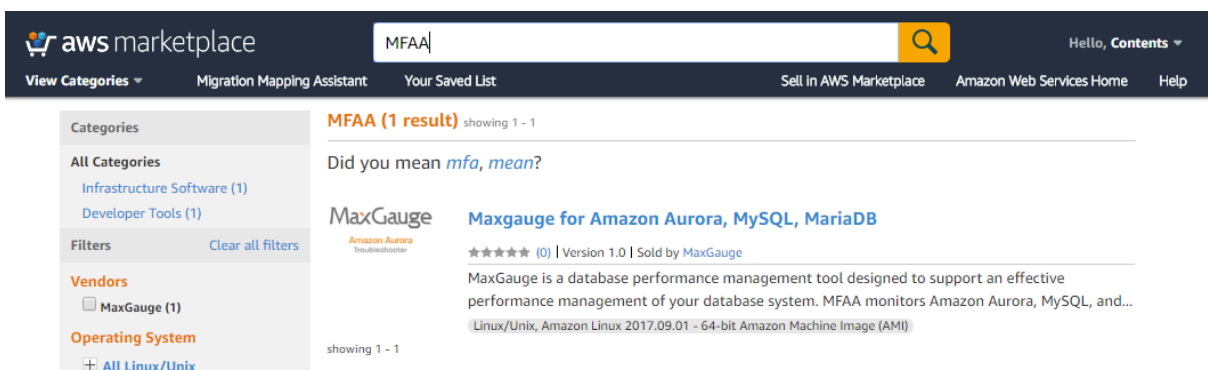


# MFAA Install Guide

- 1) Search 'MFAA' on AWS Marketplace through the link below.  
<https://aws.amazon.com/marketplace>



- 2) Select 'Maxgauge for Amazon Aurora, MySQL, MariaDB'.



3) Click 'Continue to Subscribe'.

aws marketplace

View Categories Migration Mapping Assistant Your Saved List Sell in AWS Marketplace Amazon Web Services Home Help

MaxGauge Amazon Aurora Troubleshooter

### Maxgauge for Amazon Aurora, MySQL, MariaDB

Sold by: MaxGauge Latest Version: 1.0

MaxGauge is a database performance management solution. MaxGauge for Amazon Aurora(MFAA) supports Amazon Aurora, MySQL, MariaDB as RDS and

[Show more](#)

Linux/Unix ☆☆☆☆☆ (0)

[Continue to Subscribe](#)

[Save to List](#)

Overview Pricing Usage Support Reviews

## Product Overview

MaxGauge is a database performance management tool designed to support an effective performance management of your database system. MFAA monitors Amazon Aurora, MySQL, and MariaDB providing easy interface to use. You can monitor database system with real-time visibility of intergrated dashboard and find root cause of Database errors easily. Improve your database performance easily and quickly with MaxGauge.

Version	1.0
Sold by	MaxGauge
Video	<a href="#">See Product Video</a>
Categories	<a href="#">Monitoring</a> <a href="#">Databases &amp; Caching</a> <a href="#">Testing</a>
Operating System	Linux/Unix, Amazon Linux 2017.09.01
Fulfillment Methods	<a href="#">Amazon Machine Image</a>

### Highlights

- Intergrated Dashboard: Monitoring Amazon Aurora, MySQL, MariaDB as RDS and those on EC2 in one screen.
- Agentless monitoring: MaxGauge is easy to install and support both EC2 and RDS on AWS.

4) Click 'Continue to Configuration'.

aws marketplace

View Categories Migration Mapping Assistant Your Saved List Sell in AWS Marketplace Amazon Web Services Home Help

MaxGauge Amazon Aurora Troubleshooter

### Maxgauge for Amazon Aurora, MySQL, MariaDB

[Continue to Configuration](#)

[< Product Detail](#) [Subscribe](#)

## Subscribe to this software

Subscriptions are not required for this product. Click the button above to configure the software.

### Terms and Conditions

#### MaxGauge Offer

Product	Effective Date	Expiration Date	Action
Maxgauge for Amazon Aurora, MySQL, MariaDB	7/25/2018	N/A	<a href="#">Show Details</a>

- 5) Choose Region where the server will be created and click 'Continue to Launch'.  
(Usually, the Region is the same with target Database.)

The screenshot shows the 'Configure this software' page in the AWS Marketplace. The header includes the AWS Marketplace logo, a search bar, and navigation links like 'View Categories', 'Migration Mapping Assistant', 'Your Saved List', 'Sell in AWS Marketplace', 'Amazon Web Services Home', and 'Help'. The product name 'MaxGauge for Amazon Aurora, MySQL, MariaDB' is prominently displayed. A 'Continue to Launch' button is visible in the top right. Below the product name, there are navigation links: '< Product Detail', 'Subscribe', and 'Configure'. The main heading is 'Configure this software', followed by the instruction: 'Choose a fulfillment option below to select how you wish to deploy the software, then enter the information required to configure the deployment.' There are three configuration sections: 'Fulfillment Option' with a dropdown set to '64-bit Amazon Machine Image (AMI)', 'Software Version' with a dropdown set to '1.0 (Mar 14, 2018)', and 'Region' with a dropdown set to 'Asia Pacific (Seoul)'. To the right of these sections is a 'Pricing information' box containing a disclaimer, 'Software Pricing' (MaxGauge for Amazon Aurora, MySQL, MariaDB running on m4.xlarge at \$0.2/HostHrs), and 'Infrastructure Pricing' (1 \* m4.xlarge EC2 instance with a monthly estimate of \$177/month). The 'Ami Id: ami-be56f9d0' is also displayed.

- 6) Select 'Launch through EC2' for Choose Action and click 'Launch'

The screenshot shows the 'Launch this software' page in the AWS Marketplace. The header is identical to the previous screenshot. The product name 'MaxGauge for Amazon Aurora, MySQL, MariaDB' is displayed. Navigation links include '< Product Detail', 'Subscribe', 'Configure', and 'Launch'. The main heading is 'Launch this software', followed by the instruction: 'Review your configuration and choose how you wish to launch the software.' There are two main sections: 'Configuration Details' which summarizes the selected options (Fulfillment Option: 64-bit Amazon Machine Image (AMI), Software Version: 1.0, Region: Asia Pacific (Seoul)), and 'Choose Action' with a dropdown set to 'Launch through EC2'. A note next to the dropdown says: 'Choose this action to launch your configuration through the Amazon EC2 console.' A 'Launch' button is located at the bottom right of the page.

7) Choose instance type and click 'Configure Instance Details'.

**Step 2: Choose an Instance Type**

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation [Show/Hide Columns](#)

**Currently selected:** t2.medium (Variable ECUs, 2 vCPUs, 2.3 GHz, Intel Broadwell E5-2686v4, 4 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IF Sup
<input checked="" type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	\
<input checked="" type="checkbox"/>	General purpose	t2.micro <b>Free tier eligible</b>	1	1	EBS only	-	Low to Moderate	\
<input checked="" type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	\
<input checked="" type="checkbox"/>	General purpose	<b>t2.medium</b>	2	4	EBS only	-	Low to Moderate	\
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	\
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	\
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	\
<input checked="" type="checkbox"/>	General purpose	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	\

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Instance Details](#)

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8) Select 'Choose an existing IAM role from your account' and click 'Create new IAM manually'.

**Step 3: Configure Instance Details**  
Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

**Number of instances**  [Launch into Auto Scaling Group](#)

**Purchasing option**  Request Spot instances

**Network**  [Create new VPC](#)

**Subnet**  [Create new subnet](#)

**Auto-assign Public IP**

**Placement group**  Add instance to placement group.

**IAM role**  Automatically create an IAM role with the required permission and the name below  
 Choose an existing IAM role from your account  
 [Create new IAM role manually](#)

**Shutdown behavior**

**Enable termination protection**  Protect against accidental termination

**Monitoring**  Enable CloudWatch detailed monitoring

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

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9) Move to 'Policies' in the left-side menu and click 'Create policy'.

**Create policy** **Policy actions**

**Filter policies**

	Policy name	Type	Used as
<input type="radio"/>	AdministratorAccess	Job function	None
<input type="radio"/>	AlexaForBusinessDeviceSe...	AWS managed	None
<input type="radio"/>	AlexaForBusinessFullAccess	AWS managed	None
<input type="radio"/>	AlexaForBusinessGateway...	AWS managed	None
<input type="radio"/>	AlexaForBusinessReadOnly...	AWS managed	None
<input type="radio"/>	AmazonAPIGatewayAdmini...	AWS managed	None

10) Move to 'JSON' window and type as below.

The screenshot shows the AWS IAM console interface. At the top, there is a navigation bar with the AWS logo and menu items: Services, Resource Groups, EC2, RDS, Contents, Global, and Support. Below the navigation bar, a message states: "A policy defines the AWS permissions that you can assign to a user, group, or role. You can create and edit a policy in the visual editor and using JSON. [Learn more](#)".

A yellow error box with a red 'x' icon contains the message: "This policy validation failed and might have errors converting to JSON : The policy must have at least one statement For more information about the IAM policy grammar, see [AWS IAM Policies](#)".

Below the error box, there are two tabs: "Visual editor" and "JSON". The "JSON" tab is selected. To the right of the tabs is a link that says "Import managed policy".

The JSON editor shows the following code:

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Action": [
6         "ec2:describeInstances",
7         "rds:describeDBInstances",
8         "rds:describeDBLogFiles",
9         "rds:downloadDBLogFilePortion",
10        "cloudwatch:getMetricStatistics",
11        "logs:getLogEvents",
12        "aws-marketplace:MeterUsage"
13      ],
14      "Effect": "Allow",
15      "Resource": "*"
16    }
17  ]
18 }
```

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Action": [
        "ec2:describeInstances",
        "rds:describeDBInstances",
        "rds:describeDBLogFiles",
        "rds:downloadDBLogFilePortion",
        "cloudwatch:getMetricStatistics",
        "logs:getLogEvents",
        "aws-marketplace:MeterUsage"
      ],
      "Effect": "Allow",
      "Resource": "*"
    }
  ]
}
```

11) Fill out the policy name and then click 'Create policy'. That's the end for policy creation.

**aws** Services ▾ Resource Groups ▾ EC2 RDS Contents ▾ Global ▾ Support

## Create policy

1 2

### Review policy

**Name\***

Use alphanumeric and '+=, @-\_' characters. Maximum 128 characters.

**Description**

Maximum 1000 characters. Use alphanumeric and '+=, @-\_' characters.

**Summary** A summary for this policy cannot be generated. You can still view the JSON policy document.

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Action": [
6         "ec2:describeInstances",
7         "rds:describeDBInstances",
8         "rds:describeDBLogFiles",
9         "rds:downloadDBLogFilePortion",
10        "cloudwatch:getMetricStatistics",
11        "logs:getLogEvents",
12        "aws-marketplace:MeterUsage"
13      ],
14      "Effect": "Allow",
15      "Resource": "*"
16    }
  ]
}
```

\* Required

Cancel Previous **Create policy**

12) This time, move to 'Roles' in the left-side menu. Click 'Create role'.

**What are IAM roles?**

IAM roles are a secure way to grant permissions to entities that you trust. Examples of entities include the following:

- IAM user in another account
- Application code running on an EC2 instance that needs to perform actions on AWS resources
- An AWS service that needs to act on resources in your account to provide its features
- Users from a corporate directory who use identity federation with SAML

IAM roles issue keys that are valid for short durations, making them a more secure way to grant access.

**Additional resources:**

- [IAM Roles FAQ](#)
- [IAM Roles Documentation](#)
- [Tutorial: Setting Up Cross Account Access](#)
- [Common Scenarios for Roles](#)

**Create role** **Delete role**

Showing 9 results

Role name	Description	Trusted entities
<input type="checkbox"/> AWSServiceRole...	Default Service-Linked Role enables ...	<b>AWS service:</b> autoscaling (Service-Linked role)
<input type="checkbox"/> AWSServiceRole...	This policy allows ElastiCache to man...	<b>AWS service:</b> elasticache (Service-Linked role)
<input type="checkbox"/> AWSServiceRole...	Allows Amazon RDS to manage AWS...	<b>AWS service:</b> rds (Service-Linked role)
<input type="checkbox"/> AWSServiceRole...	Enables resource access for AWS to ...	<b>AWS service:</b> support (Service-Linked role)
<input type="checkbox"/> dms-cloudwatch-l...		<b>AWS service:</b> dms
<input type="checkbox"/> dms-vmc-role		<b>AWS service:</b> dms
<input type="checkbox"/> MFAA_ROLE	MFAA_ROLE	<b>AWS service:</b> ec2
<input type="checkbox"/> rds-directoryservi...		<b>AWS service:</b> rds
<input type="checkbox"/> rds-monitoring-role		<b>AWS service:</b> monitoring.rds

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13) Select EC2 for 'Choose the service that will use this role' and click 'Next'.

**Create role** 1 2 3

Select type of trusted entity

- AWS service**  
EC2, Lambda and others
- Another AWS account**  
Belonging to you or 3rd party
- Web identity**  
Cognito or any OpenID provider
- SAML 2.0 federation**  
Your corporate directory

Allows AWS services to perform actions on your behalf. [Learn more](#)

Choose the service that will use this role

**EC2**  
Allows EC2 instances to call AWS services on your behalf.

**Lambda**  
Allows Lambda functions to call AWS services on your behalf.

API Gateway	CodeDeploy	EKS	IoT	Rekognition
AWS Support	Config	EMR	Kinesis	S3
AppSync	Connect	ElastiCache	Lambda	SMS
Application Auto Scaling	DMS	Elastic Beanstalk	Lex	SNS
Application Discovery Service	Data Lifecycle Manager	Elastic Container Service	Machine Learning	SWF
Auto Scaling	Data Pipeline	Elastic Transcoder	Macie	SageMaker
Batch	DeepLens	ElasticLoadBalancing	MediaConvert	Service Catalog
CloudFormation	Directory Service	Glue	OpsWorks	Step Functions
CloudHSM	DynamoDB	Greengrass	RDS	Storage Gateway
CloudWatch Events	EC2	GuardDuty	Redshift	Trusted Advisor
CodeBuild	EC2 - Fleet	Inspector		

\* Required Cancel Next: Permissions

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14) Select the policy which has been created and move to the next step.

**aws** Services ▾ Resource Groups ▾ EC2 RDS S3 IA Contents ▾ Global ▾ Support ▾

## Create role

1 2 3

▾ Attach permissions policies

Choose one or more policies to attach to your new role.

Create policy ↻

Filter policies ▾  Showing 1 result

	Policy name ▾	Used as	Description
<input checked="" type="checkbox"/>	MFAA_Policy	Permissions policy (2)	MFAA_Policy

▸ Set permissions boundary

\* Required Cancel Previous Next: Review

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15) Write a Role name and click 'Create role'.

The screenshot shows the AWS IAM console 'Create role' page, specifically the 'Review' step. The page has a dark blue header with the AWS logo and navigation menus for Services, Resource Groups, EC2, RDS, S3, IAM, Contents, Global, and Support. The main content area is white and titled 'Create role' with a progress indicator showing three steps, with the third step (Review) being active. Below the title, there is a 'Review' section with the instruction: 'Provide the required information below and review this role before you create it.' The form contains the following fields:

- Role name\***: A text input field containing 'MFAA\_ROLE.'. Below it, a note says: 'Use alphanumeric and '+=, @, -\_' characters. Maximum 64 characters.'
- Role description**: A text area containing 'Allows EC2 instances to call AWS services on your behalf.'. Below it, a note says: 'Maximum 1000 characters. Use alphanumeric and '+=, @, -\_' characters.'
- Trusted entities**: A text field containing 'AWS service: ec2.amazonaws.com'.
- Policies**: A text field containing 'MFAA\_Policy' with a blue link icon.
- Permissions boundary**: A text field containing 'Permissions boundary is not set'.

At the bottom of the form, there is a legend for '\* Required' and three buttons: 'Cancel', 'Previous', and 'Create role'. The footer of the page includes 'Feedback', 'English (US)', and copyright information: '© 2008 - 2018, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use'.

16) Go back to 'Configure Instance Details' page and select 'Choose an existing IAM role from your account' and choose the IAM name that you created a few minutes ago. Then, click 'Review and Launch'.

The screenshot displays the AWS Management Console interface for configuring an EC2 instance. The navigation bar at the top includes the AWS logo, 'Services', 'Resource Groups', 'EC2', 'RDS', 'S3', and other services. The breadcrumb trail shows the current step: '3. Configure Instance Details'. The main content area is titled 'Step 3: Configure Instance Details' and contains several configuration sections:

- Subnet:** A dropdown menu set to 'NO preference (default subnet in any Availability Zone)' with a 'Create new subnet' link.
- Auto-assign Public IP:** A dropdown menu set to 'Use subnet setting (Enable)'.
- Placement group:** A checkbox labeled 'Add instance to placement group' which is currently unchecked.
- IAM role:** A section with an information icon. It states: 'The AMI you have selected (ami-0e3c78ddb5d9b873e) supports metered pricing and requires an IAM role with the aws-marketplace:MeterUsage permission to record software usage. Learn more.' Below this, there are two radio buttons: 'Automatically create an IAM role with the required permission and the name below' (unchecked) and 'Choose an existing IAM role from your account' (checked). A dropdown menu below the radio buttons is set to 'MFAA\_ROLE', with a 'Create new IAM role manually' link to its right.
- Shutdown behavior:** A dropdown menu set to 'Stop'.
- Enable termination protection:** A checkbox labeled 'Protect against accidental termination' which is unchecked.
- Monitoring:** A checkbox labeled 'Enable CloudWatch detailed monitoring' which is unchecked, with a link 'Additional charges apply' below it.
- Tenancy:** A dropdown menu set to 'Shared - Run a shared hardware instance', with a link 'Additional charges will apply for dedicated tenancy' below it.
- T2/T3 Unlimited:** A checkbox labeled 'Enable' which is unchecked, with a link 'Additional charges may apply' below it.

At the bottom of the configuration area, there is a section for 'Advanced Details' which is currently collapsed. Below the configuration area, there are four buttons: 'Cancel', 'Previous', 'Review and Launch' (highlighted in blue), and 'Next: Add Storage'.

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17) Click 'Launch' to create EC2 for MaxGauge. You will see the message telling you 'Your instance configuration is not eligible for the free usage tier'. That is because the MaxGauge Web Service port(8070) is open for every tier. Customers could click 'Edit security groups' to set IP(source) Restriction.

The screenshot displays the AWS Management Console interface for launching an EC2 instance. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', 'EC2', and other navigation icons. The breadcrumb trail shows the steps: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, and 6. Configure Security Group. The main heading is 'Step 7: Review Instance Launch'. Below the heading, there is a warning message in a yellow box: 'Your instance configuration is not eligible for the free usage tier'. The warning text explains that to be eligible for the free tier, users should check their AMI selection, instance type, configuration options, or storage devices. Below the warning, there are sections for 'AMI Details', 'Instance Type', and 'Security Groups'. The 'AMI Details' section shows the AMI name 'Maxgauge for Amazon Aurora, MySQL, MariaDB' and its target server number per hour as '0.2 / host / hour'. The 'Instance Type' section contains a table with columns for Instance Type, ECUs, vCPUs, Memory (GiB), Instance Storage (GB), EBS-Optimized Available, and Network Performance. The 'Security Groups' section shows the security group name and description. At the bottom right, there are three buttons: 'Cancel', 'Previous', and 'Launch'.

**Warning:** Your instance configuration is not eligible for the free usage tier. To launch an instance that's eligible for the free usage tier, check your AMI selection, instance type, configuration options, or storage devices. Learn more about [free usage tier](#) eligibility and usage restrictions.

**AMI Details**

**Maxgauge for Amazon Aurora, MySQL, MariaDB**  
MFAA - Maxgauge for Amazon Aurora 181001  
Root Device Type: ebs Virtualization type: hvm

**Units**                      **Cost**  
Target Server Number per hour **0.2 / host / hour**

**Note:** This software is variably priced according to its rate of usage. Your bill will be determined by the use of the unit that you specified above.

By launching this product, you will be subscribed to this software and agree that your use of this software is subject to the pricing terms and the seller's [End User License Agreement](#)

**Instance Type**

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.medium	Variable	2	4	EBS only	-	Low to Moderate

**Security Groups**

**Security group name** Maxgauge for Amazon Aurora- MySQL- MariaDB-2-1-AutogenByAWSMP-  
**Description** This security group was generated by AWS Marketplace and is based on recommended settings for Maxgauge for Amazon Aurora, MySQL, MariaDB version 2.1 provided by MaxGauge

Type | Protocol | Port Range | Source | Description

[Cancel](#) [Previous](#) [Launch](#)

18) Now, it's time for key pair settings. You may select an existing key pair or create a new key pair. Key pair will be used for access to EC2 Server, please keep it properly.

The screenshot shows the AWS Management Console interface during the 'Step 7: Review Instance Launch' process. A modal dialog titled 'Select an existing key pair or create a new key pair' is displayed in the center. The dialog contains the following text:

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about [removing existing key pairs from a public AMI](#).

Choose an existing key pair (dropdown menu)

Select a key pair (dropdown menu showing 'mfaa')

I acknowledge that I have access to the selected private key file (mfaa.pem), and that without this file, I won't be able to log into my instance.

Buttons: Cancel, Launch Instances

The background shows the 'Step 7: Review Instance Launch' page with a warning message: 'Your instance configuration is not eligible for the free usage tier'. The page includes sections for AMI Details, Instance Type, and Security Groups.

19) Your instance are now launching. Click 'View instances' to move to instance menu.

**aws** Services ▾ Resource Groups ▾ EC2 ⓘ ⚙️ 🔔 Contents ▾ N. Virginia

## Launch Status

✔️ **Your instances are now launching**  
The following instance launches have been initiated: [i-0e4dd92a921ec0a63](#) [View launch log](#)

ℹ️ **Get notified of estimated charges**  
Create [billing alerts](#) to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

### How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

#### ▾ Getting started with your software

To get started with Maxgauge for Amazon Aurora, MySQL, MariaDB [View Usage Instructions](#)

To manage your software subscription [Open Your Software on AWS Marketplace](#)

#### ▾ Here are some helpful resources to get you started

- [How to connect to your Linux instance](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: User Guide](#)
- [Amazon EC2: Discussion Forum](#)

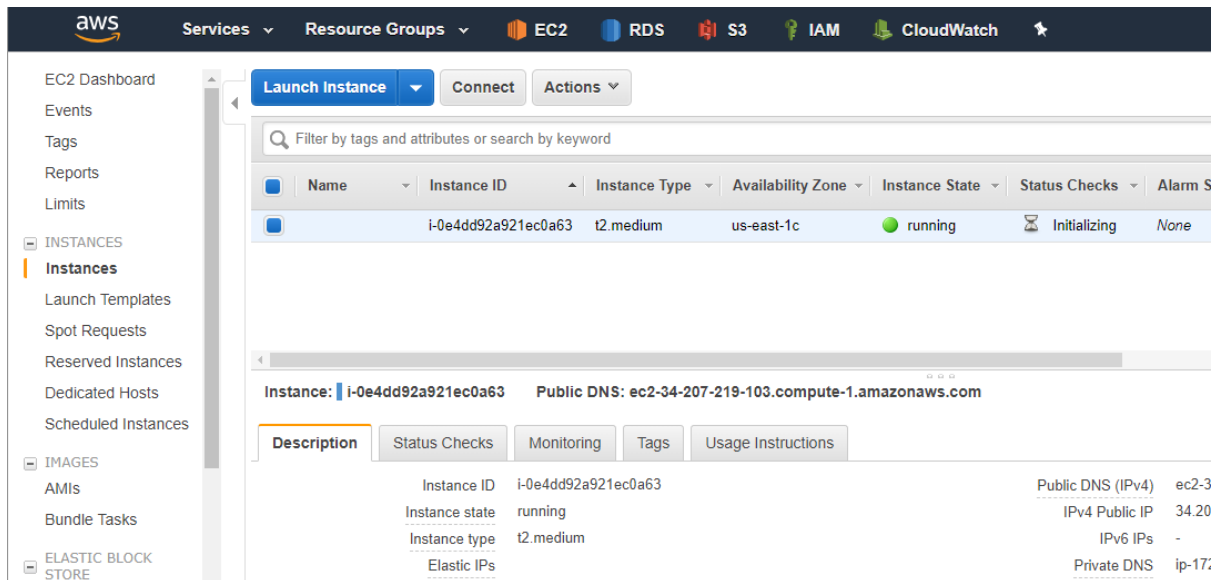
While your instances are launching you can also

- [Create status check alarms](#) to be notified when these instances fail status checks. (Additional charges may apply)
- [Create and attach additional EBS volumes](#) (Additional charges may apply)
- [Manage security groups](#)

[View Instances](#)

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20) You can check the instance which you created in instance menu. Please wait until instance status becomes 'running'.



21) When you see 'running', please use Chrome to access the link below.

http://<Server Public DNS(IPv4)>:8070

e.g.) <http://ec2-13-125-248-182.ap-northeast-2.compute.amazonaws.com:8070>



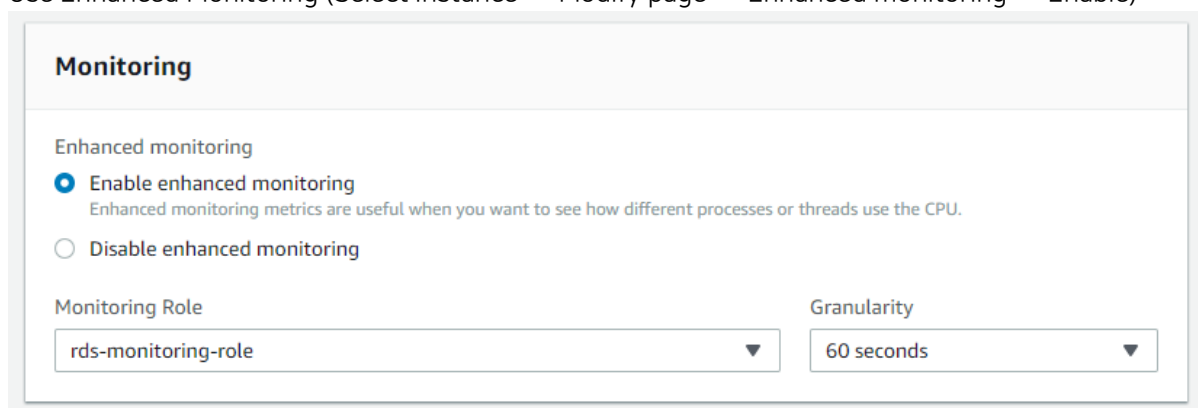
ID : Admin  
PW : Instance ID



22) It is necessary to fill in the basic information for monitoring target database.

Please apply the following 5 steps to monitoring target database.  
(Notice that it is a process for Target DB, not MFAA Server)

1. Use Enhanced Monitoring (Select Instance -> Modify page -> Enhanced monitoring -> Enable)



**Monitoring**

Enhanced monitoring

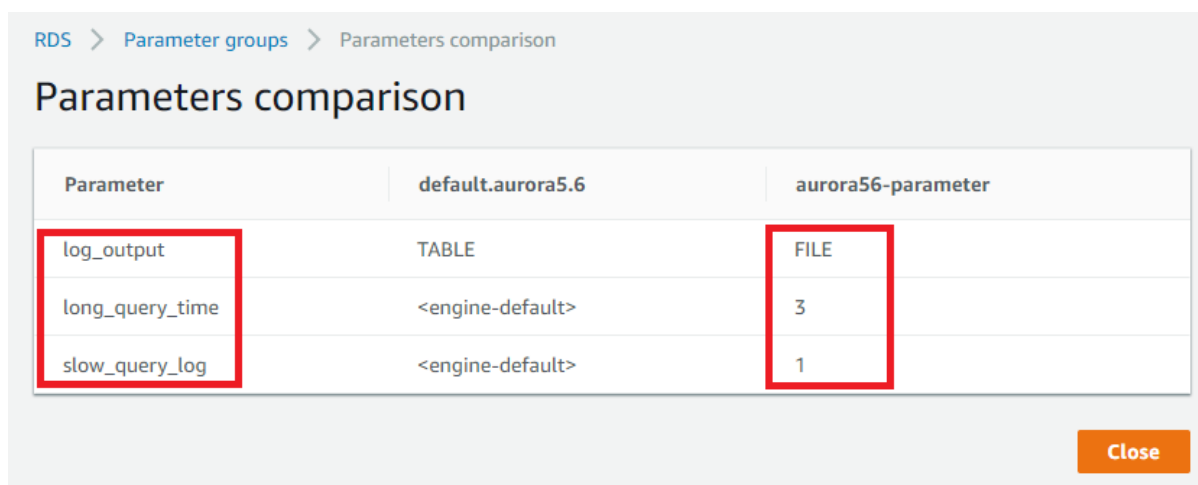
Enable enhanced monitoring  
Enhanced monitoring metrics are useful when you want to see how different processes or threads use the CPU.

Disable enhanced monitoring

Monitoring Role: rds-monitoring-role

Granularity: 60 seconds

2. Parameters setting (log\_output, long\_query\_time, slow\_query\_log)



RDS > Parameter groups > Parameters comparison

### Parameters comparison

Parameter	default.aurora5.6	aurora56-parameter
log_output	TABLE	FILE
long_query_time	<engine-default>	3
slow_query_log	<engine-default>	1

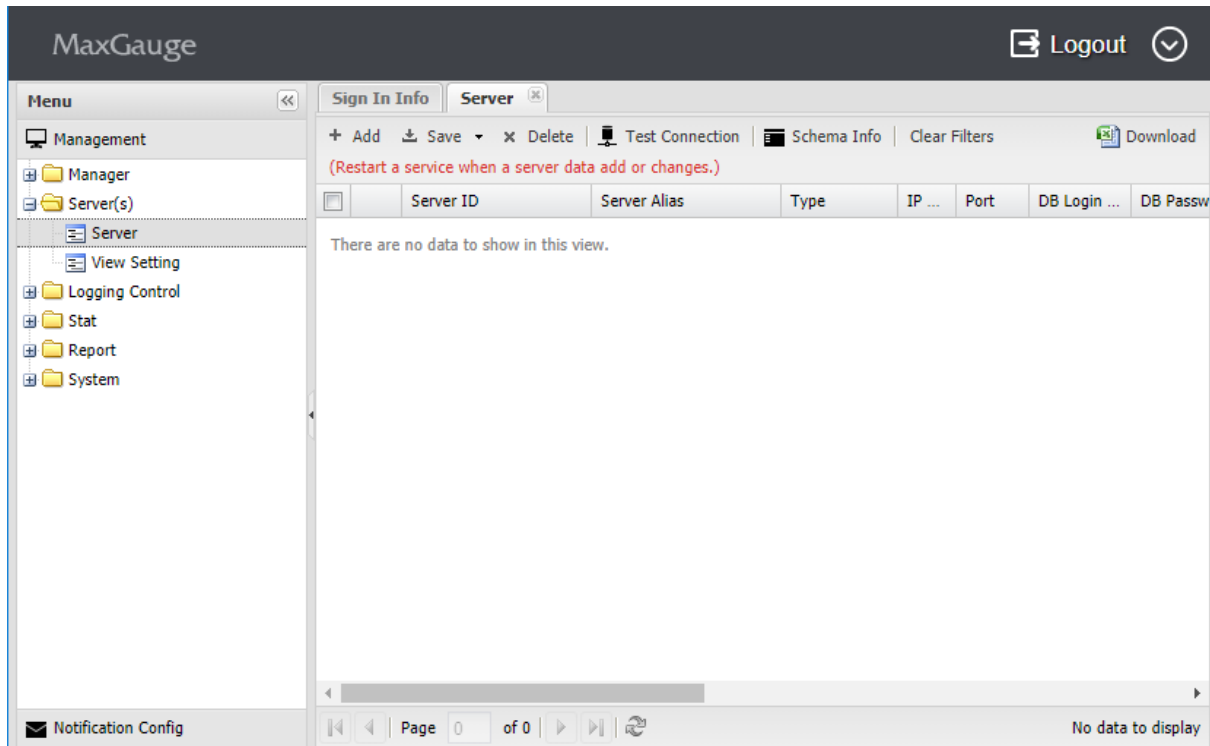
Close

3. Use 3306 Port for MaxGauge Server

4. Create database account

```
CREATE USER 'mfaauser'@'%' IDENTIFIED BY 'password';
GRANT REPLICATION CLIENT ON *.* TO 'mfaauser'@'%' ;
GRANT PROCESS ON *.* TO 'mfaauser'@'%' ;
GRANT SELECT ON performance_schema.* TO 'mfaauser'@'%' ;
GRANT SELECT ON mysql.* TO 'mfaauser'@'%' ;
GRANT SELECT ON <database>.* TO 'mfaauser'@'%' ;
(Access Permissions Setting for the running database)
FLUSH PRIVILEGES;
```

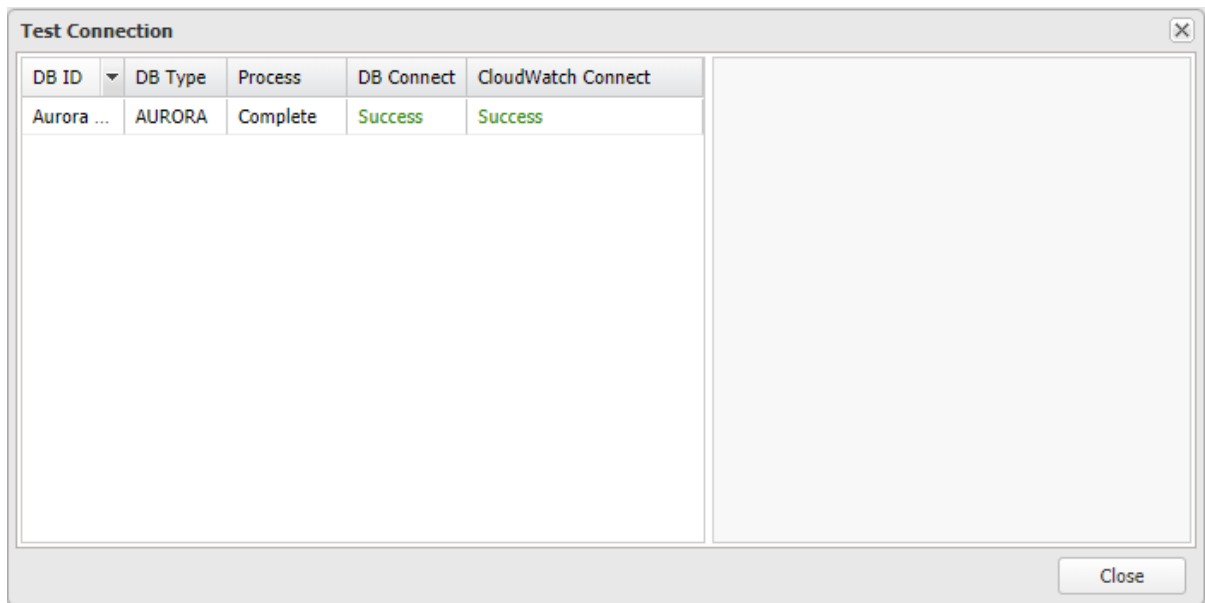
5. After your settings with target DB, move to the next step on MaxGauge web page. After login, click 'Admin' at the top-right corner of the screen. Then click 'Server(s)→Server' on the left-side menu. Click 'Add' to register your target DB.



You should type the database information as below.

Server ID : A random name for management  
Server Alias : A random name for management  
Type : DBMS Type  
IP : Target Database Endpoints  
port : Listener port of Target Database Server (default 3306)  
DB Login ID : mfaauser  
DB Password : password  
Instance Name : Instance name of target database  
Region : Region of target database  
Service Type : Service type (RDS or EC2) of target database

23) After you type all the information, please save and try 'Test Connection'. You should see 'Success' for both DB Connect and CloudWatch Connect.



24) You need to restart MaxGauge to apply the information. Access to MaxGauge EC2 Server and type the following command in order to restart MaxGauge.

To End MaxGauge

```
# /home/ec2-user/maxgauge/bin/all.stop.sh
```

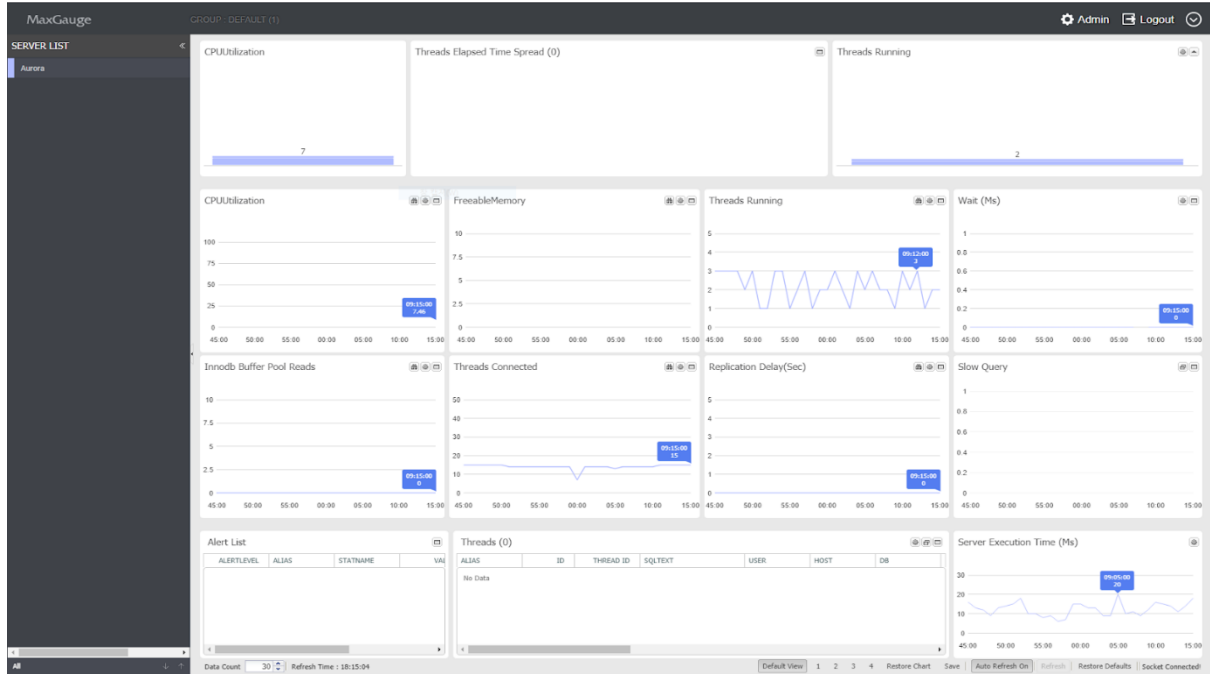
To Start MaxGauge

```
# /home/ec2-user/maxgauge/bin/all.start.sh
```

25) Access to MaxGauge Web page again to confirm whether database monitoring is working.

http://<Server Public DNS(IPv4)>:8070

e.g.) <http://ec2-13-125-248-182.ap-northeast-2.compute.amazonaws.com:8070>



# Apply Credits


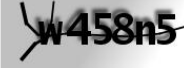
aws Services Resource Groups EC2 RDS S3 IAM Contents Global Support

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## Credits

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