

Billing Management Con... x hoe to launch a mapR clu... x MapR Community Edition... x How to Launch MapR on... x Create A New Stack x

https://www.mapr.com/how-launch-mapr-aws-marketplace

Amazon Key Pair for security. Don't have a Key Pair defined? [Define one here.](#)

LAUNCH INSTRUCTIONS

1. Select the region in which you want to launch your MapR cluster from the drop-down list below.
2. Select the correct MapR version. **Note: You must select the version that matches the listing that you selected.** So if you purchased M5 Enterprise Edition Plus, you must select M5 Enterprise Edition from the list. If you select a version that does not match the listing, the cluster will not launch and you will need to start over.
3. [Launch Selected Cluster on AWS](#)

(Note: After you're done with this step, come back to this page for the rest of your instructions.)

You can now refer to the documentation below that will explain more of what you will see on AWS.

- This will bring you to the Cloud Formation Template selection screen (see figure below). If desired, rename your cluster from the default name that has automatically been input for you. Note that cluster names must be unique, so never reuse the same name.

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https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/new?stackName=MapRStack-11-17-2015-12-27&templateURL=https:%2F%2Fs3.ama...

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Select Template

Specify Details Options Review

Select the template that describes the stack that you want to create. A stack is a group of related resources that you manage as a single unit.

Design a template Use AWS CloudFormation Designer to create or modify an existing template. [Learn more.](#)

Choose a template A template is a JSON-formatted text file that describes your stack's resources and their properties. [Learn more.](#)

- Select a sample template
- Upload a template to Amazon S3
 No file chosen
- Specify an Amazon S3 template URL
 [View in Designer](#)

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Stack name:

Parameters

ClusterInstanceCount: Size of MapR cluster

ClusterName: MapR Cluster ID

InstanceSpotPrice: SpotPrice to bid for requested instances (0.00 will result in using on-demand instances)

InstanceType: Instance Type for MapR Cluster nodes

KeyName: Name of an existing EC2 KeyPair within the AWS account; all instances will launch with this KeyPair

MapREdition: MapR Software Edition

PersistentStorage: Allocated EBS storage for each block device (in GB; 4 devs per node); 0 indicates ephemeral storage only

RemoteAccessCIDR: SSH and MapR Control System web access will be allowed from this CIDR range (default is to allow all)

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Select Template
Specify Details
Options
Review

Options

Tags

You can specify tags (key-value pairs) for resources in your stack. You can add up to 10 unique key-value pairs for each stack. [Learn more.](#)

	Key (127 characters maximum)	Value (255 characters maximum)	
1	<input type="text" value="0208"/>	<input type="text" value="MarketplacePOC"/>	<input type="button" value="+"/>

Advanced

You can set additional options for your stack, like notification options and a stack policy. [Learn more.](#)

[Billing Management Console](#) | [How to launch a mapR cluster](#) | [MapR Community Edition](#) | [How to Launch MapR on AWS](#) | [Create A New Stack](#)

<https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/new?stackName=MapRStack-11-17-2015-12-27&templateURL=https://s3.amazonaws.com/mapr-public-files/Marketplace/MapR-M7-Cluster-with-Spark.template>

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Select Template
 Specify Details
 Options
Review

Review

Template

Template URL <https://s3.amazonaws.com/mapr-public-files/Marketplace/MapR-M7-Cluster-with-Spark.template>
Description CloudFormation template to create a MapR Cluster (with spot instance support)
Estimate cost Cost

Stack details

Stack name	MapRStack-11-17-2015-12-27
ClusterInstanceCount	3
ClusterName	TCSPPOC
InstanceSpotPrice	0.00
InstanceType	d2.xlarge
KeyName	0208
MapREdition	M7
PersistentStorage	20
RemoteAccessCIDR	0.0.0.0/0
Create IAM resources	True

Options

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<https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/new?stackName=MapRStack-11-17-2015-12-27&templateURL=https://s3.amazonaws.com/mapr-public-files/Marketplace/MapR-M7-Cluster-with-Spark.template>

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Review

Tags

0208	MarketplacePOC
-------------	----------------

Advanced

Notification Timeout	none
Rollback on failure	Yes

Capabilities

i The following resource(s) require capabilities: [AWS::IAM::InstanceProfile, AWS::IAM::Role]

This template might include Identity and Access Management (IAM) resources, which can include groups, IAM users, and IAM roles with certain permissions. Ensure that the template you are using is from a trusted source. [Learn more.](#)

I acknowledge that this template might cause AWS CloudFormation to create IAM resources.

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<https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks?tab=events&filter=active>

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Create Stack Actions Design template

Filter: Active By Name: Showing 0 stacks

[Design template](#)

Create a Stack

AWS CloudFormation allows you to quickly and easily deploy your infrastructure resources and applications on AWS. You can use one of the templates we provide to get started quickly with applications like WordPress or Drupal, one of the many sample templates or create your own template.

You do not currently have any stacks. Click the **Create New Stack** button below to create a new AWS CloudFormation Stack.

[Create New Stack](#)

Create a Template from your Existing Resources

If you already have AWS resources running, the CloudFormer tool can create a template from

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<https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks?tab=events&filter=active&stackId=arn:aws:cloudformation:us-east-1:1148381745671:stack>

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Create Stack Actions Design template

Filter: Active By Name: Showing 1 stack

Stack Name	Created Time	Status	Description
<input checked="" type="checkbox"/> MapRStack-11-17-2015-12-27	2015-11-17 14:29:08 UTC+0550	CREATE_IN_PROGRESS	CloudFormation template to create a MapR Cluster (with spot instance support)

Overview Outputs Resources **Events** Template Parameters Tags Stack Policy

2015-11-17	Status	Type	Logical ID	Status Reason
▶ 14:29:36 UTC+0550	CREATE_COMPLETE	AWS::EC2::VPC	VPC	
▶ 14:29:36 UTC+0550	CREATE_COMPLETE	AWS::EC2::InternetGateway	InternetGateway	
▶ 14:29:30 UTC+0550	CREATE_IN_PROGRESS	AWS::IAM::Role	InstanceIAMRole	Resource creation Initiated
▶ 14:29:19 UTC+0550	CREATE_COMPLETE	AWS::CloudFormation::WaitConditionHandle	ClusterCompleteHandle	
▶ 14:29:19 UTC+0550	CREATE_IN_PROGRESS	AWS::EC2::VPC	VPC	Resource creation Initiated
▶ 14:29:19 UTC+0550	CREATE_IN_PROGRESS	AWS::EC2::InternetGateway	InternetGateway	Resource creation Initiated
▶ 14:29:19 UTC+0550	CREATE_IN_PROGRESS	AWS::CloudFormation::WaitConditionHandle	ClusterCompleteHandle	Resource creation Initiated

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https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/new?stackName=MapRStack-11-17-2015-15-15&templateURL=https:%2F%2Fs3.ama...

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Select Template
Specify Details
Options
Review

Specify a stack name and parameter values. You can use or change the default parameter values, which are defined in the AWS CloudFormation template. [Learn more.](#)

Stack name

Parameters

ClusterInstanceCount Size of MapR cluster

ClusterName MapR Cluster ID

InstanceSpotPrice Spot Price to bid for requested instances (0.00 will result in using on-demand instances)

InstanceType Instance Type for MapR Cluster nodes

KeyName Name of an existing EC2 KeyPair within the AWS account; all instances will launch with this KeyPair

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https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/new?stackName=MapRStack-11-17-2015-15-15&templateURL=https:%2F%2Fs3.ama...

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Select Template
Specify Details
Options
Review

Specify a stack name and parameter values. You can use or change the default parameter values, which are defined in the AWS CloudFormation template. [Learn more.](#)

Stack name

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ClusterInstanceCount Size of MapR cluster

ClusterName MapR Cluster ID

InstanceSpotPrice Spot Price to bid for requested instances (0.00 will result in using on-demand instances)

InstanceType Instance Type for MapR Cluster nodes

KeyName Name of an existing EC2 KeyPair within the AWS account; all instances will launch with this KeyPair

MapREdition MapR Software Edition

PersistentStorage Allocated EBS storage for each block device (in GB; 4 devs per node); 0 indicates ephemeral storage only

RemoteAccessCIDR SSH and MapR Control System web access will be allowed from this CIDR range (default is to allow all)

Cancel Previous **Next**

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<https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/new?stackName=MapRStack-11-17-2015-15-15&templateURL=https://s3.amazonaws.com/...>

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Select Template
 Specify Details
Options
 Review

Options

You can specify tags (key-value pairs) for resources in your stack. You can add up to 10 unique key-value pairs for each stack. [Learn more.](#)

Key (127 characters maximum)	Value (255 characters maximum)
1 1986	Marketplace_POC

Advanced
 You can set additional options for your stack, like notification options and a stack policy. [Learn more.](#)

Cancel Previous **Next**

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<https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/new?stackName=MapRStack-11-17-2015-15-15&templateURL=https://s3.amazonaws.com/...>

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Select Template
 Specify Details
 Options
Review

Review

Template

Template URL <https://s3.amazonaws.com/mapr-public-files/Marketplace/MapR-M5-Cluster-with-Spark.template>
Description CloudFormation template to create a MapR Cluster (with spot instance support)
Estimate cost [Cost](#)

Stack details

Stack name	MapRStack-TCS
ClusterInstanceCount	3
ClusterName	TCSPOC
InstanceSpotPrice	0.00
InstanceType	d2.xlarge
KeyName	1986
MapREdition	M5
PersistentStorage	20
RemoteAccessCIDR	0.0.0.0/0
Create IAM resources	False

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1986 Marketplace_POC

Advanced

Notification Timeout: none
Rollback on failure: Yes

Capabilities

i The following resource(s) require capabilities: [AWS::IAM::InstanceProfile, AWS::IAM::Role]

This template might include Identity and Access Management (IAM) resources, which can include groups, IAM users, and IAM roles with certain permissions. Ensure that the template you are using is from a trusted source. [Learn more.](#)

I acknowledge that this template might cause AWS CloudFormation to create IAM resources.

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CloudFormation Manager

Filter: Active By Name: Showing 1 stack

Stack Name	Created Time	Status	Description
<input checked="" type="checkbox"/> MapRStack-TCS	2015-11-17 15:17:48 UTC+0550	CREATE_IN_PROGRESS	CloudFormation template to create a MapR Cluster (with spot instance support)

Overview Outputs Resources **Events** Template Parameters Tags Stack Policy

2015-11-17	Status	Type	Logical ID	Status Reason
▶ 15:18:57 UTC+0550	CREATE_COMPLETE	AWS::EC2::Route	PublicRoute	
▶ 15:18:56 UTC+0550	CREATE_COMPLETE	AWS::EC2::SubnetRouteTableAssociation	PublicSubnetRouteTableAssociation	
▶ 15:18:41 UTC+0550	CREATE_IN_PROGRESS	AWS::EC2::Route	PublicRoute	Resource creation Initiated
▶ 15:18:40 UTC+0550	CREATE_IN_PROGRESS	AWS::EC2::SubnetRouteTableAssociation	PublicSubnetRouteTableAssociation	Resource creation Initiated
▶ 15:18:40 UTC+0550	CREATE_IN_PROGRESS	AWS::EC2::Route	PublicRoute	

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Create Stack Actions Design template

Filter: Active By Name: Showing 1 stack

Stack Name	Created Time	Status	Description
<input checked="" type="checkbox"/> MapRStack-TCS	2015-11-17 15:17:48 UTC+0550	ROLLBACK_COMPLETE	CloudFormation template to create a MapR Cluster (with spot instance support)

Overview Outputs Resources Events Template Parameters Tags Stack Policy

Time	Type	Resource	Property	Message
15:50:26 UTC+0550	CREATE_FAILED	AWS::AutoScaling::AutoScalingGroup	ClusterNodes	Rollback requested by user.
15:20:24 UTC+0550	CREATE_IN_PROGRESS	AWS::AutoScaling::AutoScalingGroup	ClusterNodes	Internal Failure
15:20:23 UTC+0550	CREATE_IN_PROGRESS	AWS::AutoScaling::AutoScalingGroup	ClusterNodes	Resource creation Initiated
15:20:21 UTC+0550	CREATE_COMPLETE	AWS::AutoScaling::LaunchConfiguration	ClusterNodeLaunchConfig	
15:20:20 UTC+0550	CREATE_IN_PROGRESS	AWS::AutoScaling::LaunchConfiguration	ClusterNodeLaunchConfig	Resource creation Initiated
15:20:19 UTC+0550	CREATE_IN_PROGRESS	AWS::AutoScaling::LaunchConfiguration	ClusterNodeLaunchConfig	