

Elastic MapReduce

Release Notes

Product Documentation



Copyright Notice

©2013-2019 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

Trademark Notice



All trademarks associated with Tencent Cloud and its services are owned by Tencent Cloud Computing (Beijing) Company Limited and its affiliated companies. Trademarks of third parties referred to in this document are owned by their respective proprietors.

Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

Release Notes

Last updated : 2021-09-28 15:50:28

August 2021

Update	Description	Release Date	Documentation
Added support for YARN resource scheduling.	Added support for UI-based YARN resource scheduling configuration.	August 31, 2021	YARN Resource Scheduling

July 2021

Update	Description	Release Date	Documentation
Released a Hadoop cluster version—EMR v2.6.0.	Added support for Spark v3.0.2, Impala v3.4.0, GooseFS v1.0.0, OpenLDAP v2.4.44, Kyuubi v1.1.0, etc.	July 15, 2021	Component Version

June 2021

Update	Description	Release Date	Documentation
Added support for YARN job query.	Added detailed metric statistics for YARN jobs.	June 24, 2021	YARN Job Query
Added support for Impala query management.	Added detailed metric statistics for Impala query jobs.	June 24, 2021	Impala Query Management

Update	Description	Release Date	Documentation
Added support for automatic scaling for the spot instance mode.	Added support for automatically adding compute nodes of the spot instance mode.	June 03, 2021	Auto Scaling
Added support for graceful scale-in.	When a scale-in action is triggered, nodes that are executing tasks will not be released immediately. Instead, they will be released after completing the tasks.	June 03, 2021	Graceful Scale-In
Added support for integrating Knox with Tez.	Added support for viewing Tez tasks via UI.	June 03, 2021	Integrating Knox with Tez
Added availability zones.	Added support for Singapore Zone 3 and Tokyo Zone 2.	June 03, 2021	N/A
Added regions.	Added support for regions such as Moscow, Frankfurt, Virginia, Bangkok, Mumbai, Tokyo, Toronto, and Seoul.	June 03, 2021	N/A

May 2021

Update	Description	Release Date	Documentation
Released a Kafka cluster version—Kafka v1.0.0.	Added support for Kafka v1.1.1, KafkaManager v2.0.0.2, Knox v1.2.0, and ZooKeeper v3.6.1.	May 13, 2021	Kafka Development Guide
Released a Doris cluster version—Doris v1.0.0.	Added support for Doris v0.13.0 and Knox v1.2.0.	May 13, 2021	Doris Development Guide

April 2021

Update	Description	Release Date	Documentation
Released a Hadoop cluster version—EMR v3.2.0.	Added support for Hadoop v3.2.2, Spark v3.0.2, Presto v350, Flink v1.12.1, Alluxio v2.5.0, Ranger v2.1.0, Iceberg v0.11.0, and Hudi v0.7.0.	April 30, 2021	Component Version
Added the **Start/Stop Services** feature.	Added support for starting or stopping all services on a node.	April 27, 2021	Starting/Stopping Services
Released a Hadoop cluster version—EMR v2.5.1.	Added support for Alluxio v2.5.0 and Hudi v0.5.1. Alluxio supports COS Transparent-URI.	April 10, 2021	Support for COS Transparent-URI

February 2021

Update	Description	Release Date	Documentation
Released the EMR service in new regions on Tencent Cloud Chinese.	Added support for the Bangkok, Seoul, Tokyo, Virginia, and Toronto regions on Tencent Cloud Chinese.	February 02, 2021	N/A

January 2021

Update	Description	Release Date	Documentation
Added the cluster script feature.	Added support for running a specified script on multiple nodes at a time for higher efficiency.	January 26, 2021	Cluster Scripts

Update	Description	Release Date	Documentation
Added support for cross-model configuration change.	You can select other models to change the node configuration when the current model is sold out.	January 26, 2021	Adjusting Configuration
Added the auto scaling feature.	The auto scaling feature automatically adds or removes task nodes, helping you save costs while meeting the requirement for cluster computing power.	January 26, 2021	Auto Scaling
Added new monitoring metrics.	<ol style="list-style-type: none"> Added new monitoring metrics for the HDFS, Yarn, HBase, Hive, and Druid services. Added support for monitoring on the Kudu and Alluxio services. 	January 13, 2021	Node Monitoring Metrics
Released the EMR service in Singapore on the international version.	Added support for Singapore Zone 1 and Singapore Zone 2 on the international version.	January 13, 2021	N/A

December 2020

Update	Description	Release Date	Documentation
Released a Hadoop cluster version—EMR v3.1.0.	Added support for Impala v3.4.0, Flink v1.10.0, HBase v2.3.3, Phoenix v5.0.0, Alluxio v2.3.0, Kudu v1.13.0, and ZooKeeper v3.6.1.	December 14, 2020	Component Version

November 2020

Update	Description	Release Date	Documentation
--------	-------------	--------------	---------------

Update	Description	Release Date	Documentation
Released the EMR TianQiong edition.	Added support for Spark materialized views.	November 27, 2020	Component Version EMR TianQiong Introduction
Optimized monitoring and alarming.	<ul style="list-style-type: none"> Added support for setting alarms for disk monitoring metrics in Cloud Monitor (CM). Added support for customizing EMR monitoring dashboard in CM dashboard. Added support for subscribing to EMR event monitoring alarms in CM. 	November 20, 2020	Dashboard

October 2020

Update	Description	Release Date	Documentation
Added support for Cloud Object Storage (COS) password-free access.	Added support for authorizing access to COS through roles. Authorized users do not need to enter an authorization key and private key.	October 26, 2020	N/A
Added new service inspection items to the inspection system.	Added the HDFS, Yarn, HBase, Hive, and ZooKeeper service inspection items, enhancing the health check of metrics.	October 13, 2020	Cluster Inspection
Added support for customizing event policies.	Added support for customizing event policies so you can identify cluster events more efficiently.	October 13, 2020	Cluster Event

September 2020

Update	Description	Release Date	Documentation
Released a Hadoop cluster version—EMR v2.5.0.	Upgraded the Alluxio component to the stable version 2.3.0, which delivers better performance in the use cases where compute and storage are separated.	September 17, 2020	Component Version

August 2020

Update	Description	Release Date	Documentation
Released a Hadoop cluster version—EMR v2.4.0.	Added the Kudu component and upgraded some existing components.	August 27, 2020	Component Version
Added support for data migration in ClickHouse clusters.	Improved cluster resource utilization for data security.	August 17, 2020	ClickHouse Data Migration Guide

July 2020

Update	Description	Release Date	Documentation
Added support for custom configuration files.	Added support for custom configuration files, which improves the flexibility of configuration management.	July 29, 2020	Configuration Management
Optimized configuration item editing.	Added descriptions for configuration items and support for restoring them to defaults.	July 29, 2020	N/A

June 2020

Update	Description	Release Date	Documentation
Added support for Druid service monitoring and HBase Thrift role monitoring.	Improved troubleshooting efficiency.	June 15, 2020	Druid Monitoring Metrics
Released a Hadoop cluster version—EMR v2.3.0.	Added support for the TensorFlow and Jupyter Notebook components.	June 15, 2020	TensorFlow Overview Jupyter Notebook Overview
Released ClickHouse v1.1.0 for ClickHouse clusters.	Upgraded the ClickHouse component version to the LTS version, and added support for the Superset component.	June 15, 2020	N/A
Added support for cluster events and cluster inspections.	Added support for recording major change events and exception events in clusters in the console for improved efficiency of cluster troubleshooting. Added support for one-time inspections and periodical inspections, making it easier to keep track of the health of your clusters and to deal with exceptions and risks in time.	June 4, 2020	Cluster Event Cluster Inspection

May 2020

Update	Description	Release Date	Documentation
--------	-------------	--------------	---------------

Update	Description	Release Date	Documentation
Optimized console interactions, UI, and operation paths.	Improved operation path hierarchy for easier service management.	May 15, 2020	N/A
Added support for service monitoring for ClickHouse clusters.	Made it easier to keep track of the operation status of ClickHouse clusters.	May 15, 2020	ClickHouse Monitoring Metrics
Added support for monitoring status for role management.	Made it easier to keep track of the real-time status of role processes.	May 15, 2020	N/A

April 2020

Update	Description	Release Date	Documentation
Added new cluster types.	Added support for the ClickHouse and Druid clusters to provide more real-time query solutions.	April 15, 2020	ClickHouse Overview Druid Overview
Optimized bootstrap actions.	Added support for the running occasions of bootstrap actions before a cluster starts. Added support for adjusting bootstrap actions after a cluster is created, so you can change your bootstrap actions based on business changes.	April 15, 2020	N/A
Optimized service restart policies.	Added support for setting service restart policies, so you can select a proper restart method and a policy for handling restart exceptions.	April 15, 2020	N/A

March 2020

Update	Description	Release Date	Documentation
Optimized the cluster monitoring page.	Optimized the cluster overview, service monitoring, and node monitoring pages for improved readability. Monitoring metrics now support customization and heat maps about nodes.	March 2020	N/A
Added support for log search.	Added support for filtering by log file, node IP, and time range, and viewing cluster log content. (Currently, this feature is supported only in the Guangzhou region.)	March 2020	Log Search
Released EMR v2.2.0.	Upgraded Hadoop to v2.8.5. Upgraded common components such as Spark, Hive, and HBase. Added the Hudi, Superset, Livy, Impala, Zeppelin, and Kylin components.	March 2020	Component Version

February 2020

Update	Description	Release Date	Documentation
Added support for sharing Hive metadatabase.	Added support for associating an external Hive metadatabase to store the Hive metadata of a new cluster, so multiple Hive clusters can share metadata.	February 2020	Hive Metadata Management
Optimized cluster operation logs.	Added display items for cluster operation logs to increase the readability of operation logs.	February 2020	N/A
Released the international version.	Released the international version in the Beijing, Shanghai, Guangzhou, and Mumbai regions.	February 2020	N/A

January 2020

Update	Description	Release Date	Documentation
Added support for cloud disk encryption.	Added support for cloud disk encryption for Cloud Block Storage (CBS) users on the allowlist when creating an EMR cluster.	January 2020	Cloud Disk Encryption
Added support for mounting cloud disks to a task node.	Added support for mounting cloud disks to a task node when creating or scaling out a cluster.	January 2020	N/A
Released EMR in the Nanjing region.	Released EMR in the Nanjing region.	January 2020	N/A

December 2019

Update	Description	Release Date	Documentation
Released the feature of delivering group configuration.	Added support for delivering group configuration. If the configuration of a node is different from that of the configuration group to which the node belongs, the configuration of the configuration group can be delivered to the node.	December 2019	N/A
Released the feature of resource-level CAM authorization.	Added support for CAM authorization at the resource level.	December 2019	N/A

Update	Description	Release Date	Documentation
Released the feature of associating CHDFS.	Added support for associating CHDFS and reading/writing data on CHDFS.	December 2019	Mounting CHDFS
Released the AMD model.	Released the AMD Standard SA2 model in the Beijing, Shanghai, and Guangzhou regions.	December 2019	Instance Types
Added the cluster monitoring overview page.	Added the cluster monitoring overview page, which provides the views about the cluster, node, and service status.	December 2019	Cluster Overview
Added support for selecting metric display granularity as needed on the service monitoring page.	Optimized the service monitoring page, so you can select a metric display granularity as needed.	December 2019	N/A
Added support for node service deployment and load status views on the node monitoring page.	Optimized the node monitoring page, which provides the views about node service deployment and load status.	December 2019	N/A

November 2019

Update	Description	Release Date	Documentation
Added support for node specification management.	Added support for setting the default specification of nodes based on their billing mode. The default specification is pay-as-you-go.	November 2019	Node Specification Management

Update	Description	Release Date	Documentation
Added support for the configuration of the ZooKeeper, Alluxio, and Flink components.	Added support for the configuration of the ZooKeeper, Alluxio, and Flink components.	November 2019	N/A
Released the feature of tagging clusters and nodes.	Added support for tagging clusters and nodes.	November 2019	Setting Tag
Released new models in the Beijing, Shanghai, and Guangzhou regions.	Released the S5, M5, C3, and CN3 models in the Beijing, Shanghai, and Guangzhou regions.	November 2019	N/A

October 2019

Update	Description	Release Date	Documentation
Released EMR v3.0.0.	Released EMR v3.0.0 with updated versions of major components.	October 2019	Component Version

September 2019

Update	Description	Release Date	Documentation
Added full support for TencentCloud API 3.0.	Added full support for TencentCloud API 3.0. Standardized the output/input parameters of certain existing v3.0 APIs. Added full support for v2.0 APIs in v3.0.	September 2019	N/A

Update	Description	Release Date	Documentation
Modified console configuration.	Disused the escape feature for special characters.	September 2019	N/A
Added support for CM alarm policy configuration.	Added support for configuring alarm policies in CM (in the Elastic MapReduce product category) for key metrics for node and service monitoring.	September 2019	N/A

August 2019

Update	Description	Release Date	Documentation
Released the software configuration feature.	Added support for software configuration, which enables you to create a cluster with custom component parameters. The feature of accessing external clusters was added as well.	August 2019	Software Configuration
Added support for configuring the remote login port when you purchase a cluster.	Added support for enabling or disabling the remote login port when you purchase a cluster.	August 2019	N/A
Added support for mounting multiple cloud disks to a new cluster.	Added support for mounting multiple cloud disks to a new cluster.	August 2019	N/A
Released the feature of scaling specified components.	Added support for scaling specified components.	August 2019	N/A

Update	Description	Release Date	Documentation
Added monitoring metrics.	Added new monitoring metrics for the Spark, Hive, Presto, and ZooKeeper components.	August 2019	N/A

July 2019

Update	Description	Release Date	Documentation
Released the feature of HBase table-level monitoring.	Added support for HBase table-level monitoring, which covers the number of read and write requests and storage of each table in HBase.	July 2019	Service Monitoring
Released EMR in new regions.	Added support for the Singapore, Mumbai, and Chengdu regions.	July 2019	N/A
Released new models.	Released the Standard S4 and Standard Network-Optimized SN3ne models in the Beijing, Shanghai, and Guangzhou regions.	July 2019	N/A
Optimized the interactions of monitoring pages and added new monitoring metrics.	Optimized the interactions of monitoring pages and added new monitoring metrics.	July 2019	N/A
Optimized WebUI proxy address.	Optimized WebUI proxy address.	July 2019	N/A

June 2019

Update	Description	Release Date	Documentation
Released the feature of accessing external clusters.	Added support for accessing external clusters.	June 2019	N/A
Released the feature of setting bootstrap actions.	Added support for setting bootstrap actions.	June 2019	Bootstrap Actions
Released the feature of delivering component parameter configuration to nodes.	Added support for delivering component parameter configuration to nodes.	June 2019	N/A
Released the feature of rolling back parameter configuration.	Added support for rolling back parameter configuration.	June 2019	Configuration Rollback

May 2019

Update	Description	Release Date	Documentation
Released EMR v2.1.0.	Released EMR v2.1.0 with updated versions of main components.	May 2019	Component Version

Update	Description	Release Date	Documentation
Added support for Kerberos security clusters.	Added support for creating security clusters. The open source components in clusters are launched in Kerberos security mode. In this security environment, only authenticated clients can access the services (such as HDFS) of the clusters.	May 2019	Kerberos Introduction
Optimized monitoring metrics.	Optimized the Node, HDFS, YARN, and HBase monitoring metrics.	May 2019	Node Monitoring Metrics
Optimized the style of console.	Improved the style of console for a better interactive experience.	May 2019	N/A
Optimized CVM and TencentDB naming.	Optimized CVM and TencentDB naming with the EMR cluster serial number for easier locating of cluster information.	May 2019	N/A
Changed the setting of public IPs of master nodes to optional.	Changed the setting of public IPs of master nodes to optional.	May 2019	N/A
Released the feature of adjusting the number of common nodes.	Added support for adjusting the number of common nodes as needed.	May 2019	N/A

March 2019

Update	Description	Release Date	Documentation
Released a new model.	Released the I3 model in the Beijing, Shanghai, and Guangzhou regions. This model is a CVM allowlist model, and you can purchase it only if you are in the I3 allowlist.	March 2019	N/A

Update	Description	Release Date	Documentation
Released EMR in a new region.	Made the purchase of EMR clusters available in the Silicon Valley region.	March 2019	N/A
Added support for router nodes.	Added support for router nodes, which are mainly used to relieve the load of master nodes and as task submitters.	March 2019	Node Type Description
Released the feature of adjusting node configuration.	Added support for adjusting node configuration. Nodes can be upgraded to a higher configuration.	March 2019	Adjusting Configuration

January 2019

Update	Description	Release Date	Documentation
Added new components to existing clusters.	Added support for adding new components to existing clusters.	January 2019	Adding Components