

Elastic MapReduce

FAQs



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Common Queries Regarding EMR on CVM Cluster Management

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Can a non-highly available cluster be upgraded to a highly available cluster?

Due to the significant differences in deployment architecture between non-highly available clusters and highly available clusters, it is not possible to convert between these two deployment forms. If adjustments are necessary, please repurchase the appropriate deployment form. Note that non-highly available clusters are only for testing purposes and should not be used in a production environment.

What are the available components and their respective versions?

EMR regularly releases new product versions. The components and versions currently available for purchase can be viewed in the [Product Versions](#) section.

After the cluster is created, is it possible to upgrade the component version?

This is not supported.

After the cluster is created, is it possible to add components?

Components can be added, with the selection range being the undeployed components currently supported by the cluster product version.

After the cluster is created, is it possible to modify the project?

Modifying the project to which the cluster belongs is not supported. It is recommended to use the tag function instead of the project capability. The tag function supports tag authentication, tag accounting, and other capabilities.

Can different machine specifications be selected for nodes of the same type?

Nodes of the same type deploy consistent services. For ease of operation and management, it is recommended that nodes of the same type use the same machine specifications. If the machine specifications are sold out or do not meet current requirements, the machine specifications can be modified for expansion.

Is it possible to reduce the configuration of existing nodes?

In the EMR on CVM scenario, a variety of services are deployed on each node type, sharing the same node's computing, memory, and disk resources. If the node's physical configuration is reduced, it is easy for the total resource usage in the actual service configuration file to exceed the total physical resources of the node, which will render the cluster unusable. Therefore, the function to reduce the configuration of existing nodes is not provided. If the current configuration of Core nodes, TASK nodes, and Router nodes is too high and there is a lot of surplus, you can expand nodes with lower configurations first and then reduce nodes with higher configurations, achieving a reduction through node replacement.

Is it possible to reduce the capacity of Core nodes?

Core nodes are primarily used for data storage and by default, do not support reduction in capacity. If a reduction is indeed necessary, please contact us through a [work order](#).

Billing FAQs

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Is it possible to switch from a pay-as-you-go model to an annual or monthly subscription?

Indeed, it is possible to transition from a pay-as-you-go cluster to an annual or monthly subscription cluster, as well as converting pay-as-you-go nodes within an annual or monthly subscription cluster to monthly subscription nodes. For more details, please refer to [Switching from Pay-as-you-go to Annual or Monthly Subscription](#).

Will there be additional charges for adding components after the cluster has been created?

EMR charges are based on the nodes deployed in the cluster, and no additional fees will be incurred for adding components.

Why does the EMR on CVM console display automatic renewal for nodes, while the associated CVM console does not show automatic renewal?

The nodes of the EMR cluster are composed of CVMs, and the billing type and automatic renewal are uniformly managed by EMR.

Does the renewal of EMR on CVM nodes also renew the Cloud Block Storage (CBS)?

The system disk does not require separate renewal and aligns with the node renewal cycle. The renewal of the cloud disk in the data disk depends on whether the node renewal operation is set through the EMR console. When manually renewing or setting nodes to automatic renewal through the EMR console, the cloud disk in the data disk does not require separate renewal. However, if the renewal is set through the cost center, it needs to be set separately. For more details, please refer to [Cluster Renewal](#).

Does EMR on CVM support automatic renewal?

Automatic renewal is supported. When creating a yearly or monthly cluster, automatic renewal can be set. Subsequent expansion of yearly or monthly nodes also supports setting automatic renewal. If automatic renewal is not set during creation, it can be set for nodes after the cluster is created. For more details, please refer to [Automatic Renewal](#).