

Alibaba Cloud

Elasticsearch Quick Start

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Document conventions

Style	Description	Example
 Danger	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 Danger: Resetting will result in the loss of user configuration data.
 Warning	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 Warning: Restarting will cause business interruption. About 10 minutes are required to restart an instance.
 Notice	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: If the weight is set to 0, the server no longer receives new requests.
 Note	A note indicates supplemental instructions, best practices, tips, and other content.	 Note: You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click Settings > Network > Set network type .
Bold	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click OK .
<code>Courier font</code>	Courier font is used for commands	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid</code> <i>Instance_ID</i>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

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1.Considerations

This topic describes the issues to consider before you purchase an Alibaba Cloud Elasticsearch instance.

Considerations of purchasing a subscription-based Elasticsearch instance

Discounts are offered on subscription-based Alibaba Cloud Elasticsearch instances based on the subscription duration.

You can request a refund within five days after you have purchased a subscription-based Elasticsearch instance. Refunds are not supported after five days from the date of purchase.

Considerations of purchasing an Elasticsearch instance

Currently, Alibaba Cloud Elasticsearch provides multiple **instance specifications**. The **1-core 2 GB** specification is only for testing purposes. The specification is not covered under our Service Level Agreement (SLA). Do not use Elasticsearch instances of this specification in a production environment. A production environment always requires high resource consumption. This specification provides a low configuration, which may cause service instability in a production environment.


- If you have purchased a **1-core 2 GB** instance and the instance is being used in a production environment, we recommend that you perform a **升配集群** to improve the stability and availability of your services. When you upgrade a cluster, additional fees may be charged. For more information, see [Pricing](#).
- The minimum specification for an Elasticsearch instance used in a production environment is **2-core 4 GB**.

Considerations of purchasing disks for Elasticsearch instances

Before you determine the size of the disks purchased for your Elasticsearch instance, make sure that you understand the types of data that will be stored in Elasticsearch.

Alibaba Cloud Elasticsearch is used to store the following types of data:

- User data that has been pushed to Elasticsearch.
- Index replicas. The number of index replicas is user-configurable. However, each index must have a minimum of one replica.
- Alibaba Cloud Elasticsearch cluster logs, including the operation log, access log, and slow log. The amount of storage space that Elasticsearch consumes increases with the number of queries and pushes that Elasticsearch has received. By default, Elasticsearch only retains log data generated in the last seven days. Cluster logs currently are not accessible to users.
- X-Pack monitoring indexes for troubleshooting. X-Pack is a plug-in of Alibaba Cloud Elasticsearch. Monitoring indexes include the following:
 - `.monitoring-es-6-2018.01.08`: The indexes consume a large amount of storage space. By default, Elasticsearch only keeps indexes created in the last seven days.
 - `.monitoring-kibana-6-2018.01.08`: The amount of storage space that the indexes consume increases with the number of the indexes. By default, Elasticsearch only keeps indexes created in the last seven days.
 - `.watcher-history-3-2018.01.08`: The indexes consume only a small amount of storage space. You need to manually delete these indexes if you no longer need them.

 **Notice** The smaller the disk space, the higher the disk utilization of the Elasticsearch cluster logs and X-Pack monitoring indexes.

2. Create an Elasticsearch instance