

Alibaba Cloud ApsaraDB for POLARDB

FAQs

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Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information 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.
	This warning information 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 restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	 Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus, page names, and other UI elements.	Click OK.
<code>Courier</code> font	It is used for commands.	Run the <code>cd / d C :/ windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[] or [a b]	It indicates that it is an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<code>{}</code> or <code>{a b}</code>	It indicates that it is a required value, and only one item can be selected.	<code>switch {stand slave}</code>

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1 FAQs

What is POLARDB?

POLARDB is a MySQL-compatible relational database service, with a focus on online transactional processing (OLTP) scenarios.

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[DO NOT TRANSLATE]

Is data storage separate from compute processes in the POLARDB architecture?

Yes. The decoupling of the compute and storage pools improves user experience for high availability, data backups, fault recovery, and scalability.

What is the maximum storage limit of a POLARDB database?

POLARDB supports a capacity of up to 100 TB per database instance.

How does POLARDB perform an automated failover?

When you purchase a POLARDB cluster, you will obtain a primary instance and a read-only instance. If a primary instance fails, the system will automatically promote the read-only instance to become primary while restoring the primary instance. If a read-only instance fails, the system will automatically create a replacement while restoring the faulty instance.

What method is used in POLARDB for data backups?

Snapshots are used in POLARDB for data backups.

What is the maximum number of read-only instances I can have in POLARDB?

You can purchase up to 15 read-only instances per POLARDB cluster.

How long does it take to create a read-only instance?

It only takes 2-5 minutes to create a read-only instance, regardless of your data volume.

What protocol for high-speed networks is used in the POLARDB architecture?

POLARDB uses dual-port Remote Direct Memory Access (RDMA) protocol to ensure high I/O throughput between DB servers, chunk servers, and data replicas. Each port can deliver up to 25 Gbps with low latency.