

# Alibaba Cloud Network Attached Storage Performance specification

Issue: 20190402

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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.	 <b>Danger:</b> 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.	 <b>Warning:</b> 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.	 <b>Notice:</b> 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.	 <b>Note:</b> You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
<b>Bold</b>	It is used for buttons, menus, page names, and other UI elements.	Click <b>OK</b> .
Courier 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 <i>Instance_ID</i></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
{ } or {a b}	It indicates that it is a required value, and only one item can be selected.	swich {stand   slave}



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# 1 Performance

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The performance of Cloud Paralleled File System (CPFS) linearly expands.

As a cloud-based parallel file system, CPFS provides a throughput of hundreds of Gbit /s, an IOPS of millions, and sub-millisecond level latency. The bandwidth and IOPS corresponding to each specification are listed as follows:

Specification	50 TB	100 TB	150 TB	...
Throughput	5 Gbit/s	10 Gbit/s	15 Gbit/s	...
IOPS	350,000	700,000	1,000,000	...