

Alibaba Cloud

Server Load Balancer Release notes

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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 .
Courier font	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.Release notes

Feature	Release date	Supported region	Supported protocol	Reference
More supported regions for the TLS security policy TLS1.3 and keys in EC format	2019-07-18	UK (London) China (Qingdao) China (Hohhot) China (Chengdu) Japan (Tokyo) India (Mumbai) Australia (Sydney) Malaysia (Kuala Lumpur) US (Silicon Valley) US (Virginia) Germany (Frankfurt) UAE (Dubai)	TCP UDP HTTP HTTPS	Manage TLS security policies Certificate overview
Added support for health check diagnostics	2019-07-10	China (Hangzhou) China (Shanghai) China (Qingdao) China (Beijing) China (Zhangjiakou) China (Hohhot) China (Shenzhen) China (Chengdu)	TCP UDP HTTP HTTPS	Configure health check
Added support for an overview page in the Server Load Balancer (SLB) console	2019-07-10	China (Hangzhou) China (Shanghai) China (Qingdao) China (Beijing) China (Zhangjiakou) China (Hohhot) China (Shenzhen) China (Chengdu)	TCP UDP HTTP HTTPS	Overview page

Feature	Release date	Supported region	Supported protocol	Reference
Added support for health checks of SLB instances	2019-06-25	China (Hangzhou) China (Shanghai) China (Qingdao) China (Beijing) China (Zhangjiakou) China (Hohhot) China (Shenzhen) China (Chengdu)	TCP UDP HTTP HTTPS	Health checks of SLB instances
More supported regions for the feature of repeated UDP or TCP listening port numbers in an SLB instance	2019-06-24	UAE (Dubai) Australia (Sydney) UK (London) Germany (Frankfurt) US (Silicon Valley) US (Virginia) Indonesia (Jakarta) Japan (Tokyo) India (Mumbai) Singapore Malaysia (Kuala Lumpur) China (Hong Kong) China (Shenzhen) China (Hohhot) China (Qingdao) China (Chengdu) China (Zhangjiakou) China (Shanghai)	TCP UDP	Add a TCP listener Add a UDP listener

Feature	Release date	Supported region	Supported protocol	Reference
Added support for backend servers to use secondary private IP addresses of Elastic Network Interfaces (ENIs)	2019-06-12	China (Hangzhou) China (Shanghai) China (Qingdao) China (Beijing) China (Zhangjiakou) China (Hohhot) China (Shenzhen) China (Chengdu)	UDP TCP HTTP HTTPS	Add private IP addresses of ENIs to backend servers
Added support for repeated UDP or TCP listening port numbers in an SLB instance	2019-05-26	UK (London) Australia (Sydney) UAE (Dubai) Germany (Frankfurt) US (Silicon Valley) US (Virginia) Indonesia (Jakarta) Japan (Tokyo) India (Mumbai) Singapore	UDP TCP	Add a TCP listener Add a UDP listener
Added support for keys in EC format	2019-05-20	UK (London)	HTTPS	Certificate requirements
Added support for TLSv1.3	2019-05-20	UK (London)	HTTPS	Manage TLS security policies
Added support for the GET request method in health checks of Layer-7 listeners	2019-05-05	India (Mumbai)	HTTPS HTTP	Configure health check
Added support for querying resources available for purchase in corresponding zones by using API calls	2019-04-29	All regions	HTTPS HTTP UDP TCP	DescribeAvailableResource

Feature	Release date	Supported region	Supported protocol	Reference
Added support for IPv6	2019-04-24	Zone D and Zone E of the China (Shanghai) region and Zone D and Zone E of the China (Shenzhen) region	HTTPS HTTP UDP TCP	Create an IPv6 instance
Added support for IPv6	2019-04-11	Zone E (primary zone) and Zone D (secondary zone) of the China (Shanghai) region	HTTPS HTTP UDP TCP	Create an IPv6 instance
Added support for quota management	2019-01-29	All regions	HTTPS HTTP UDP TCP	Manage quotas
Added support for idle instance management	2019-01-24	All regions	HTTPS HTTP UDP TCP	Manage idle instances
API Inspector	2018-12-21	All regions	HTTPS HTTP UDP TCP	API Inspector
Added support for redirection of HTTP requests to HTTPS	2018-11-20	All regions	HTTP	Redirect HTTP requests to HTTPS
Added support for backend servers to use ENIs (through console)	2018-10-26	All regions	HTTPS HTTP UDP TCP	Add private IP addresses of ENIs to backend servers

Feature	Release date	Supported region	Supported protocol	Reference
Added support for certificates issued by or hosted in the Alibaba Cloud SSL Certificate Service	2018-09-12	All regions	HTTPS HTTP UDP TCP	Certificate overview
Added support for IPv6	2018-09-12	Zone G and Zone F in the China (Beijing) region	HTTPS HTTP UDP TCP	Create an IPv6 instance
Added support for advanced configurations, such as forwarding rules, scheduling algorithms, session persistence, and health checks	2018-09-07	All regions	HTTP HTTPS	Forward requests based on domain names or URLs
Added support for batch modifications to the ports and weights of backend servers	2018-08-31	All regions	HTTPS HTTP UDP TCP	Manage a default server group Manage a VServer group
Upgraded console for the China site	2018-07-28	All regions	HTTPS HTTP UDP TCP	Create an SLB instance

Feature	Release date	Supported region	Supported protocol	Reference
Added support for the consistent hash algorithm (enabling Layer-4 support for QUIC protocol and UDP session persistence)	2018-07-18	Japan (Tokyo) Australia (Sydney) Malaysia (Kuala Lumpur) Indonesia (Jakarta) Germany (Frankfurt) US (Silicon Valley) US (Virginia) UAE (Dubai) China (Hohhot)	UDP TCP	Add a TCP listener Add a UDP listener
Added support for custom TLS versions	2018-06-29	All regions	HTTPS	Manage TLS security policies Add an HTTPS listener
Added support for IPv6	2018-06-15	Zone E and Zone F in the China (Hangzhou) region	HTTPS HTTP UDP TCP	Create an IPv6 instance
Added support for enabling HTTP2.0	2018-05-21	All regions	HTTPS	Add an HTTP listener Add an HTTPS listener
Added support for associating multiple certificates (SNI)	2018-05-21	All regions	HTTPS	Configure a multi-domain-name HTTPS website on an SLB instance

Feature	Release date	Supported region	Supported protocol	Reference
Added support for configuring blacklists and whitelists as access control functions	2018-05-10	All regions	HTTPS HTTP UDP TCP	Configure an access control list
Added support for HTTP-to-HTTPS redirections	2018-05-10	All regions	HTTP	Redirect HTTP to HTTPS
Added support for access logs	2018-05-08	All regions	HTTP HTTPS	Configure access logging
Added support for backend servers to use (ENIs) (through OpenAPI Explorer)	2018-05-01	All regions	HTTPS HTTP UDP TCP	AddBackend Servers
Added support for custom timeouts with Layer-7 listeners	2018-04-18	All regions	HTTP HTTPS	Add an HTTP listener Add an HTTPS listener
Added support for the WS/WSS protocol	2018-02-01	All regions	HTTP HTTPS	WS/WSS support FAQ
Added support for the HTTP2 protocol	2018-02-01	All regions	HTTPS	HTTP/2 support FAQ
Added support for viewing Alibaba Cloud Security thresholds of SLB instances	2017-11-30	All regions	HTTPS HTTP UDP TCP	Anti-DDoS Basic

Feature	Release date	Supported region	Supported protocol	Reference
Guaranteed-performance instances	2017-11-28	All regions	HTTPS HTTP UDP TCP	Guaranteed - performance instance FAQ
Added support for Layer-7 monitoring metrics such as QPS	2017-08-18	All regions	HTTP HTTPS	View monitoring data
Added support for custom timeouts with Layer-4 listeners	2017-08-11	All regions	TCP	Add a TCP listener
Added support for active/standby server groups	2017-02-15	All regions	UDP TCP	Manage an active/standby server group
Added support for HTTP header fields	2016-11-02	All regions	HTTP HTTPS	Add an HTTPS listener Add an HTTP listener
Added support for domain name-based and URL-based forwarding	2016-03-05	All regions	HTTP HTTPS	Forward requests based on domain names or URLs
Added support for multi-zone deployment	2015-12-18	All regions	HTTPS HTTP UDP TCP	Multi-zone deployment
Added support for HTTP health checks for TCP listeners	2015-07-01	All regions	TCP	Add a TCP listener

Feature	Release date	Supported region	Supported protocol	Reference
Added support for VPCs	2015-04-24	All regions	HTTPS HTTP UDP TCP	Create an SLB instance
Added support for the HTTPS protocol	2015-01-29	All regions	HTTPS	Add an HTTPS listener
Official launch of the SLB service	2014-02-11	All regions	HTTP TCP	SLB instance overview