

# Alibaba Cloud 云防火墙

**Tools**

**Issue: 20191119**

# Legal disclaimer

---

Alibaba Cloud reminds you to carefully read and fully understand the terms and conditions of this legal disclaimer before you read or use this document. If you have read or used this document, it shall be deemed as your total acceptance of this legal disclaimer.

1. You shall download and obtain this document from the Alibaba Cloud website or other Alibaba Cloud-authorized channels, and use this document for your own legal business activities only. The content of this document is considered confidential information of Alibaba Cloud. You shall strictly abide by the confidentiality obligations. No part of this document shall be disclosed or provided to any third party for use without the prior written consent of Alibaba Cloud.
2. No part of this document shall be excerpted, translated, reproduced, transmitted, or disseminated by any organization, company, or individual in any form or by any means without the prior written consent of Alibaba Cloud.
3. The content of this document may be changed due to product version upgrades, adjustments, or other reasons. Alibaba Cloud reserves the right to modify the content of this document without notice and the updated versions of this document will be occasionally released through Alibaba Cloud-authorized channels. You shall pay attention to the version changes of this document as they occur and download and obtain the most up-to-date version of this document from Alibaba Cloud-authorized channels.
4. This document serves only as a reference guide for your use of Alibaba Cloud products and services. Alibaba Cloud provides the document in the context that Alibaba Cloud products and services are provided on an "as is", "with all faults" and "as available" basis. Alibaba Cloud makes every effort to provide relevant operational guidance based on existing technologies. However, Alibaba Cloud hereby makes a clear statement that it in no way guarantees the accuracy, integrity, applicability, and reliability of the content of this document, either explicitly or implicitly. Alibaba Cloud shall not bear any liability for any errors or financial losses incurred by any organizations, companies, or individuals arising from their download, use, or trust in this document. Alibaba Cloud shall not, under any circumstances, bear responsibility for any indirect, consequent









ial, exemplary, incidental, special, or punitive damages, including lost profits arising from the use or trust in this document, even if Alibaba Cloud has been notified of the possibility of such a loss.

5. By law, all the contents in Alibaba Cloud documents, including but not limited to pictures, architecture design, page layout, and text description, are intellectual property of Alibaba Cloud and/or its affiliates. This intellectual property includes, but is not limited to, trademark rights, patent rights, copyrights, and trade secrets. No part of this document shall be used, modified, reproduced, publicly transmitted, changed, disseminated, distributed, or published without the prior written consent of Alibaba Cloud and/or its affiliates. The names owned by Alibaba Cloud shall not be used, published, or reproduced for marketing, advertising, promotion, or other purposes without the prior written consent of Alibaba Cloud. The names owned by Alibaba Cloud include, but are not limited to, "Alibaba Cloud", "Aliyun", "HiChina", and other brands of Alibaba Cloud and/or its affiliates, which appear separately or in combination, as well as the auxiliary signs and patterns of the preceding brands, or anything similar to the company names, trade names, trademarks, product or service names, domain names, patterns, logos, marks, signs, or special descriptions that third parties identify as Alibaba Cloud and/or its affiliates.
6. Please contact Alibaba Cloud directly if you discover any errors in this document

.



## Document conventions

Style	Description	Example
	A danger notice 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.
	A warning notice 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 restart an instance.
	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 <b>Notice:</b> If the weight is set to 0, the server no longer receives new requests.
	A note indicates supplemental instructions, best practices, tips, and other content.	 <b>Note:</b> 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.
<b>Bold</b>	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 Instance_ID</code>
[ ] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<b>{{ or {a b}}</b>	<b>This format is used for a required value, where only one item can be selected.</b>	<code>switch {active stand}</code>



# Contents

---

<b>Legal disclaimer.....</b>	<b>I</b>
<b>Document conventions.....</b>	<b>I</b>
<b>1 Packet capture.....</b>	<b>1</b>

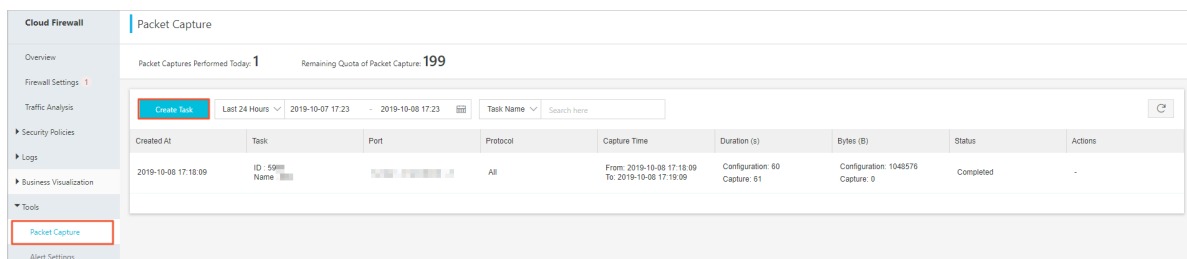


# 1 Packet capture

This topic describes how to create a packet capture task. You can use the packet capture function to analyze the security of data packets sent by a specific source and identify network security risks.



## Procedure

1. Log on to the [Cloud Firewall console](#).
2. Choose Tools > Packet Capture.
3. Click Create Task.



4. In the Create Packet Capture Task dialog box that appears, configure the task parameters.

Parameter	Description
Task Name	The name of the packet capture task. We recommend that you use information such as the task purpose to facilitate task management.
Maximum Bytes	The maximum size of a captured data packet in bytes. If the data packet size exceeds the specified value, the packet is discarded.
Time Limit (s)	The maximum time for capturing packets. Unit: seconds.
Protocol	The type of the protocol used to capture packets. Valid values: All, TCP, UDP, and ICMP.
Address Type	The IP address type. <ul style="list-style-type: none"><li>• IP: The IP address to be filtered. Only data packets that contain the IP address are captured.</li><li>• IP Address Pair: The IP address pair to be filtered. Only data packets that contain the IP address pair are captured.</li></ul>
IP	The IP address to be filtered.

Parameter	Description
Port	The port number to be filtered.
Peer IP	The peer IP address.  <b>Note:</b> This parameter is specified only when Address Type is set to IP Address Pair.
Peer Port	The peer port number.  <b>Note:</b> This parameter is specified only when Address Type is set to IP Address Pair.

Create Packet Capture Task

Task Name \*

Enter a task name.

Maximum Bytes \*

1048576

Enter an integer no greater than 104857600.

Time Limit (s) \*

60

Enter an integer no greater than 6000.

Protocol

☒ All ☐ TCP ☐ UDP ☐ ICMP

Address Type

☒ IP ☐ IP Address Pair

IP \*

For example, 123.3.3.4.

Port \*

-1

Enter an integer from 1 to 65535. -1 indicates all ports.

OK

Cancel

## 5. Click OK.

**Result**

**Choose Tools > Packet Capture. On the page that appears, you can view the created packet capture task and the task status.**