Anti-DDoS

Getting Started

Issue	01
Date	2024-05-11

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1 How Do I Use Anti-DDoS?

- Cloud Native Anti-DDoS Basic (CNAD Basic) protects public IP addresses from Layer 4 to Layer 7 distributed denial of service (DDoS) attacks and reports alarms immediately when an attack is detected. In addition, CNAD Basic improves the bandwidth utilization to further safeguard user services.
- CNAD Basic monitors the service traffic from the Internet to elastic public IP addresses (EIPs) to detect attack traffic in real time. It then scrubs attack traffic based on user-configured defense policies without interrupting services. It also generates monitoring reports that provide visibility into the network traffic security.
- This document provides a quick start guide for CNAD Basic, covering how to view public IP addresses, enable alarm notification, configure service policies, and view monitoring and interception reports.

Step 1: Prepare the Environment

Step 1 Log in to the management console.

Step 2 Select a region in the upper part of the page, click ☰ in the upper left corner of the page, and choose **Compute** > **Elastic Cloud Server (ECS)**.

Step 3 Create an ECS and bind an EIP to it. For details, see section **Purchasing an ECS**.

NOTE

- An EIP must be bound to the ECS so that the ECS can access the Internet.
- If you have an ECS, you can reuse it without the need to create one again.

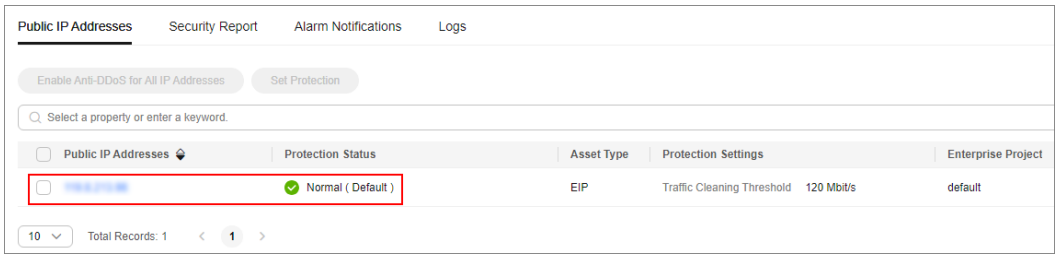
----End

Step 2: View EIPs

Step 1 Click ☰ in the upper left corner of the page and choose **Security & Compliance** > **Anti-DDoS Service**. The **Anti-DDoS** page is displayed.

Step 2 On the **Public IP Addresses** tab page, check whether default protection has been enabled for the public IP address prepared in **Step 1: Prepare the Environment**.

Figure 1-1 Viewing public IP address



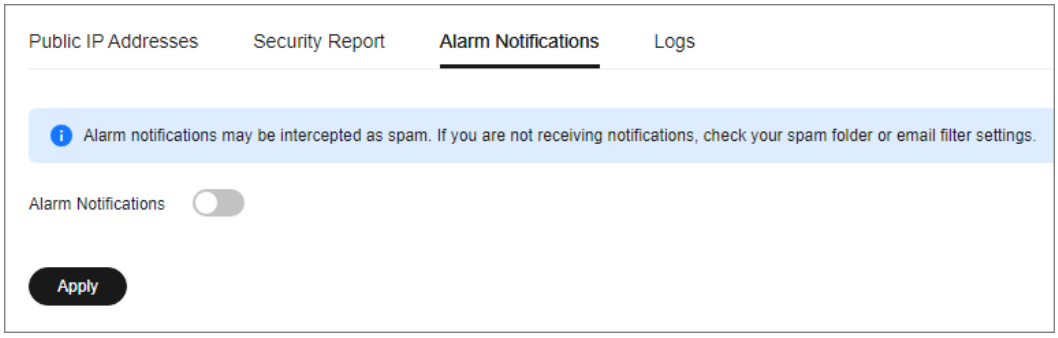
----End

Step 3: Enabling Alarm Notifications

Step 1 Click the **Alarm Notifications** tab.

Step 2 Enable the alarm notification function, set the notification topic, and click **Apply**.

Figure 1-2 Setting alarm notifications



NOTE

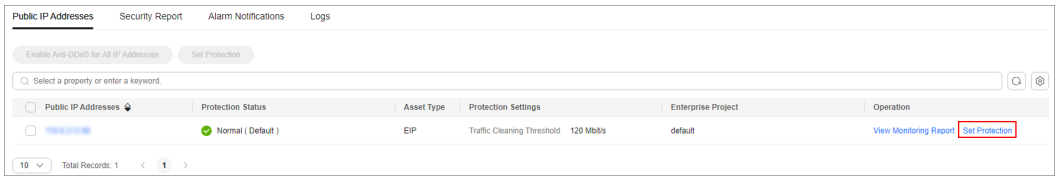
The alarm notification function sends you alarm notifications (by SMS or email) if a DDoS attack is detected.

----End

Step 4: Configuring a DDoS Protection Policy

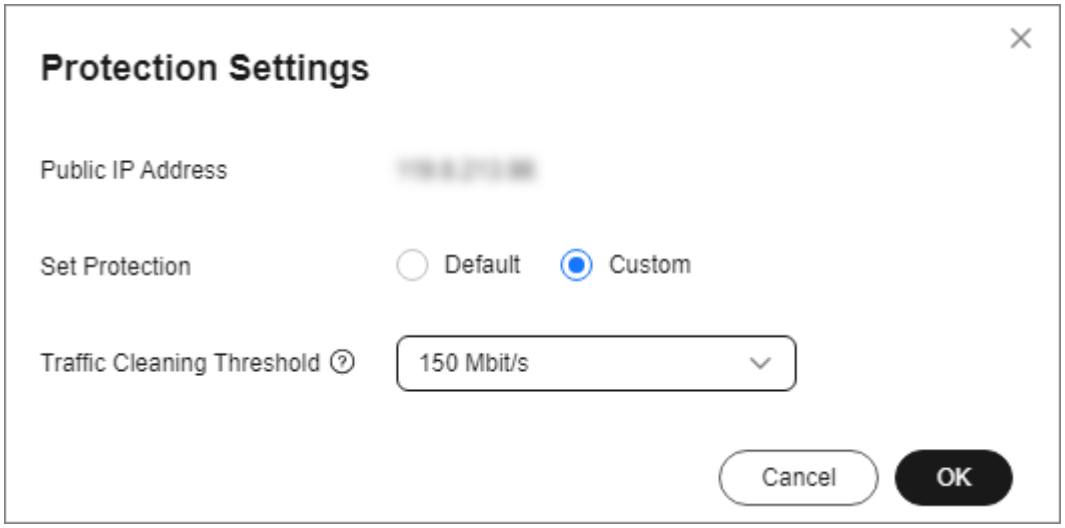
Step 1 Click the **Public IP Addresses** tab, locate the row that contains the target public IP address, and click **Set Protection**.

Figure 1-3 Set Protection



Step 2 Modify the protection settings as required and click **OK**.

Figure 1-4 Modifying protection settings



NOTE

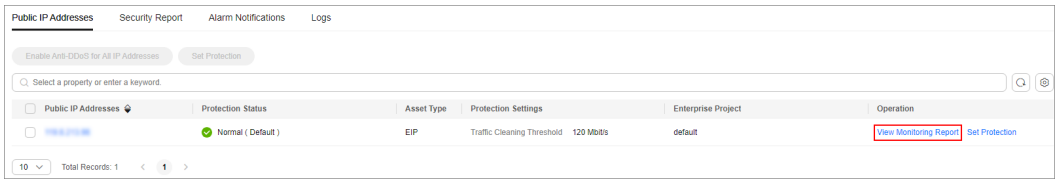
Configure the traffic cleaning threshold based on the actual service access traffic. You are advised to set a value closest to, but not exceeding, the purchased bandwidth.

----End

Step 5: Viewing a Monitoring Report

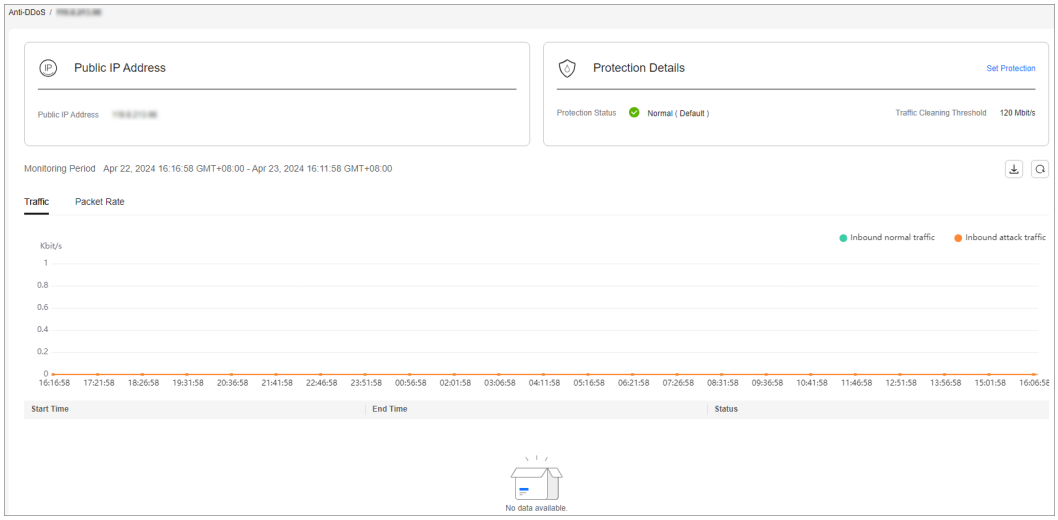
Step 1 Click the **Public IP Addresses** tab, locate the row that contains the target public IP address, and click **View Monitoring Report**.

Figure 1-5 Viewing a monitoring report



You can view the protection status, traffic details, and attack events of a public IP address within the last 24 hours.

Figure 1-6 Monitoring details



----End

2 Getting Started with Common Practices

This section describes Anti-DDoS protection practices.

Table 2-1 DDoS protection

Version	Practice		Description
Anti-DDoS	Routine maintenance	**Configuring Alarm Notifications**	Enable alarm notification for DDoS attacks.
		Connecting to a Server Routed to a Black Hole	Use an ECS to remotely access the server that has been blackholed.

