

Router Port Mapping Setting



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Generally, an enterprise has only one public IP address. To ensure that multiple people can access the Internet at the same time, a server must be deployed on the public network for access. In this case, port mapping is required on the router (TP-LINK).

Different routers are set in different ways. The following part describes how to set the TP-LINK router.

For details on setting a router, see the information at the following URL:

<http://jingyan.baidu.com/article/3f16e003b6ed3a2591c103d5.html>

You also can search for router port mapping at <https://www.baidu.com/>.

The following ports need to be set.

Source Device	Source IP Address	Source Port	Destination Device	Destination IP Address	Destination Port (Interception)	Protocol	Port Description
Web browser	IP address of the NetEco client	Random port	NetEco server	IP address of the NetEco server	8010	TCP	Port for logging in to the NetEco server using HTTP. The window immediately jumps to port 8443 after the login.
Web browser	IP address of the NetEco client	Random port	NetEco server	IP address of the NetEco server	8443	TCP	Port for logging in to the NetEco server in TLS encryption mode and displayed on the service interface.
Mobile terminal	IP address of the NetEco client	Random port	NetEco server	IP address of the NetEco server	33000	TCP	Port for logging in to the NetEco server in TLS encryption mode and displayed on the service interface.



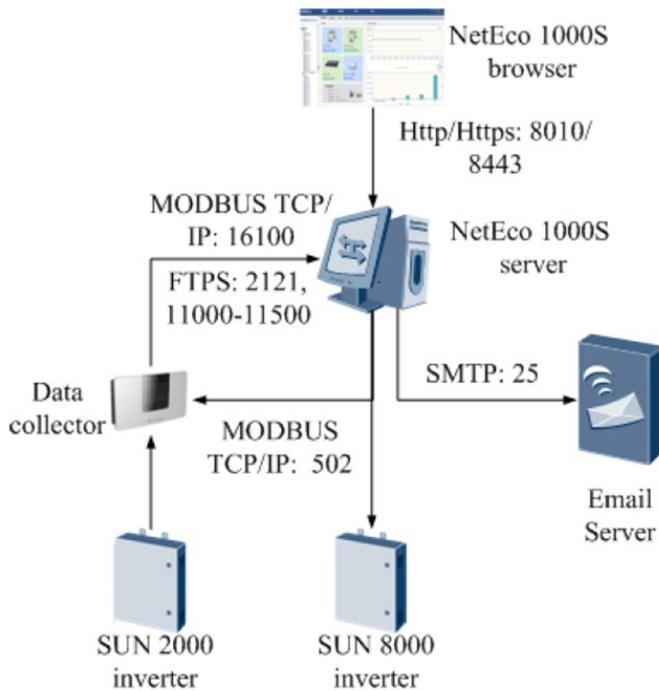
Source Device	Source IP Address	Source Port	Destination Device	Destination IP Address	Destination Port (Interception)	Protocol	Port Description
Managed device	IP address of the managed device	Random port	NetEco server	IP address of the NetEco server	16100	TCP	Port for the communication between managed devices and the NetEco server using the Modbus TCP after the managed devices are proactively connected to the NetEco server and a TLS channel is set up.
NetEco server	IP address of the NetEco server	Random port	Email server	IP address of the email server	25	TCP	Port for the email server to receive emails from the NetEco server using SMTP.
NetEco server	IP address of the NetEco server	Random port	IP address of the email server	IP address of the email server	465	TCP	Port for the email server to receive emails from the NetEco server using SMTPS in TLS encryption mode.
Managed device (FTP client)	IP address of the managed device	Random port	NetEco server (FTP server)	IP address of the NetEco server	11000-11500	TCP	Port for data transmission in FTP passive mode.
Managed device (FTP client)	IP address of the managed device	Random port	NetEco server (FTP server)	IP address of the NetEco server	2121	TCP	Command channel port in FTP passive mode.

The following provides the procedure for implementing TP-LINK router port mapping:

1. View the IP address of the gateway of your computer (192.168.1.1 by default), and type `http://192.168.1.1` in the address box of the browser. Type the user name and password. The router setting page is displayed. The default user name is **admin**. You can check it on the label at the back of the router.
2. Click **Forwarding rule** to **Virtual Server** in sequence, and then click **Add a new entry**.
3. Type the port numbers (8010 and 8443) and the IP address (LAN IP address of the NetEco server).

If the SmartLogger and the NetEco are deployed remotely and are not on the same network segment, you also need to set the following ports (used for the communication between the SmartLogger and the NetEco).

Port view:



4. After the settings are complete, access the NetEco server using the public IP address, for example, <http://public IP address:8010>.

You can also access the NetEco server using the mobile app.

You can check the public IP address on the Running status tab page of the router setting page.