8e6 Technologies

Threat Analysis Reporter

ETHERNET TAP INSTALLATION

FOR TAR-MSA THREAT ANALYSIS REPORTER

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8e6 Threat Analysis Reporter: Ethernet Tap Installation

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Part# TAR-TAP-DOC-080229

Install the Server

Step 1A: Physically Connect the Unit to the Network

This step follows Step 1: Initial Setup Procedures in the Threat Analysis Reporter Quick Start Guide.

After performing initial setup procedures for the Threat Analysis Reporter, the unit should be physically connected to the network. This step requires a standard CAT-5E cable to connect the unit to the network. An additional CAT-5E cable is required if the Ethernet Tap unit will be installed for bandwidth monitoring.

A. Plug one end of a standard CAT-5E cable into the Threat Analysis Reporter's LAN 1 port, the port on the left.

Rear of the chassis

B. Plug the other end of the CAT-5E cable into an open port on the network switch.

If you choose to install the Ethernet Tap for bandwidth monitoring, you will need to connect it to the Threat Analysis Reporter at this point. Refer to Ethernet Tap Installation for instructions on how to connect the Ethernet Tap unit.

Ethernet Tap Installation

Preliminary Setup Procedures

Unpack the Ethernet Tap Unit from the Box

Open the NetOptics Ethernet Tap box and verify that all accessories are included. Save all packing materials in the event that the unit needs to be returned to 8e6 Technologies.

The NetOptics box should contain the following items:

- 1 NetOptics 10/100BaseT Tap
- 2 Power Supply units
- 2 AC Power cords
- 2 Crossover cables
- 2 Straight through cables
- 1 Installation Guide

Other Required Installation Items

In addition to the contents of the NetOptics box, you will need the following item to install the Ethernet Tap unit:

- 1 Standard CAT-5E cable

Inspect the box for damage. If the contents appear damaged, file a damage claim with the carrier immediately.

Install the Ethernet Tap Unit

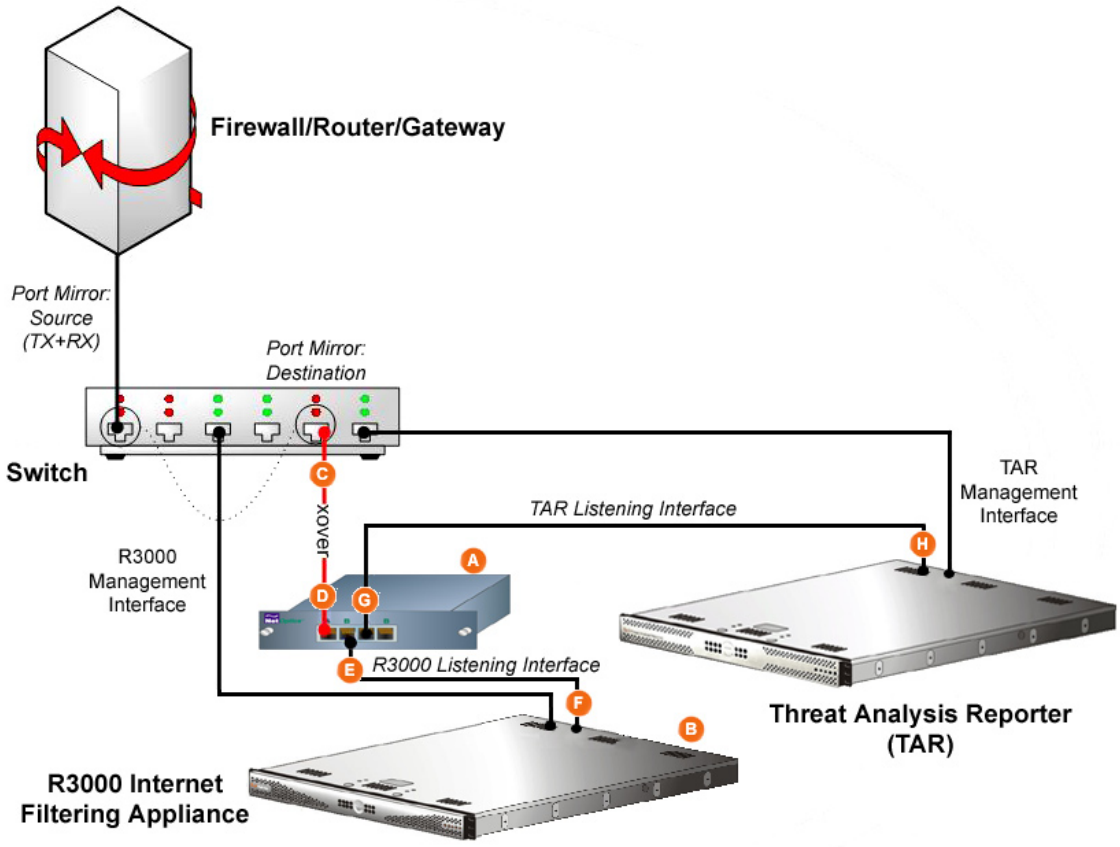


Diagram showing TAR Ethernet Tap installation on the network

This step is a continuation from Step 1A: Physically Connect the Unit to the Network. The procedures outlined in this step require the use of a CAT-5E cable.

A. Provide power to the Ethernet Tap by connecting both power cords from the unit to the power source.

AC power in rear panel of NetOptics 10/100BaseT Tap

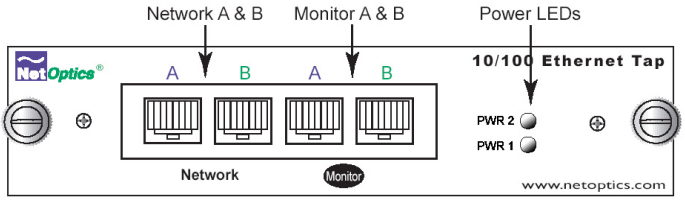
B. If a designated master R3000 (to be used with the Threat Analysis Reporter) is already installed on the network, disconnect the cable that connects this R3000 to the switch.

   If the designated R3000 has not yet been installed, disregard this sub-step and proceed to sub-step C.

C. Using a crossover cable, connect one end to the Switch's port configured to be the destination port of the Port Mirror.

   If adding a Threat Analysis Reporter to an existing installation, this port would be the port that was originally occupied by the listening interface of the R3000.

D. Connect the other end of the crossover cable to the Ethernet Tap's Network A port.



Ports in front panel of NetOptics 10/100BaseT Tap

E. Using a straight through cable, connect one end to the Ethernet Tap's Network B port.

F. Connect the other end of the straight through cable to the R3000's listening interface.

G. Using the second straight through cable, connect one end to the Ethernet Tap's Monitor A port.

H. Connect the other end of the second straight through cable to the Threat Analysis Reporter's listening interface.

Proceed to Step 2: Wizard Setup Procedures of the installation instructions in the Threat Analysis Reporter Quick Start Guide.

8e6 Corporate Headquarters (USA):
828 West Taft Avenue Orange, CA 92865-4232 • Tel: 714.282.6111 or 888.786.7999
Fax: 714.282.6116 (Sales/Technical Support) • 714.282.6117 (General Office)

Satellite Office:
8e6 Taiwan: 7 Fl., No. 1, Sec. 2, Ren-Ai Rd., Taipei 10055, Taiwan, R.O.C.
Tel: 886-2-2397-0300 • Fax: 886-2-2397-0306