Fan installation and safety

Your spare fan replacement unit can only be used with Trend Micro^{TM} TippingPoint^{TM} S3000/ S8000 Next Generation Firewall (NGFW) appliances and 2200T Threat Protection System (TPS) devices.

It cannot be used as a standalone product.

The Spare Fan kit includes the following items:

- Spare Fan
- Documentation Kit

Fan assembly

All S3000/S8000 Series NGFW appliances and 2200T TPS devices include three replaceable cooling fans.

WARNING!   This accessory CANNOT be hot-swapped. The appliance MUST be powered off before removal or insertion of the fan.
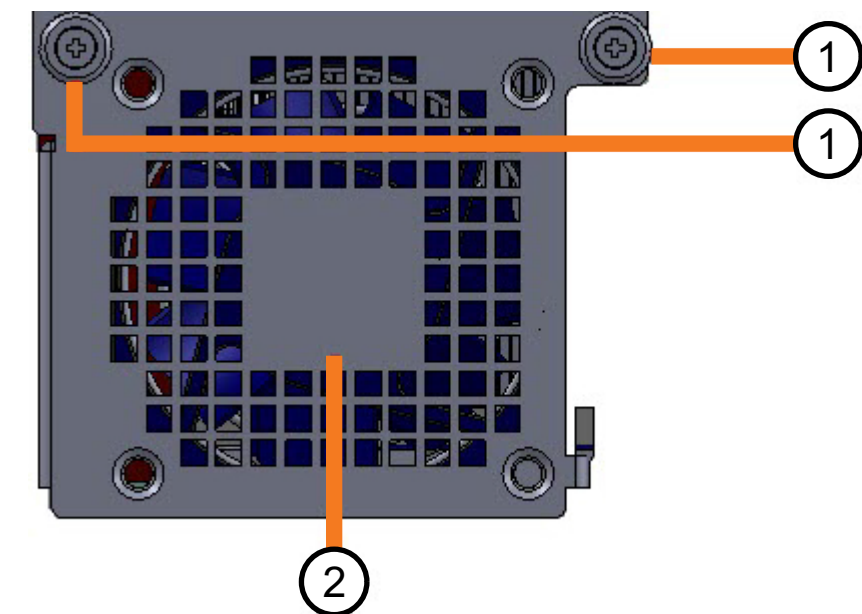

Figure 1-1 Fan module

1   Attachment Screw Knobs

2   Fan Assembly

Identify the faulty fan

Before you begin, determine which fan assembly is faulty and needs to be replaced. When a fan module fails or its RPM rate falls below a certain threshold, the system generates a warning or critical alarm message in its logs. Each fan is identified by its physical proximity to the power supply:

- Rear fan away from power supply
- Rear fan in the center
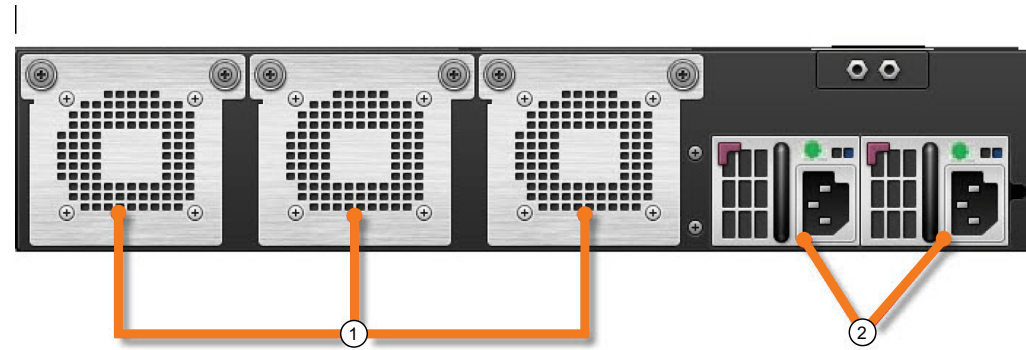- Rear fan near the power supply

Figure 1-1 NGFW Appliance - back panel

1 Fans (3)
2 Power supplies (2)

You can verify the fan's performance using the command line interface (CLI):

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show health fan
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Install the replacement fan

After you identify the faulty fan assembly, follow this procedure to replace the fan.

WARNING! This accessory CANNOT be hot-swapped. The appliance MUST be powered off before removal or insertion of the fan.

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1. Press the Power button to power down the appliance.
2. Remove both power cords.
3. Loosen the top two attachment screw knobs. The screw knobs remain attached to the assembly.
4. Lift the assembly up slightly and pull it from its slot.
5. Set the faulty fan aside.
6. Remove the new fan assembly from the packaging.
7. Align the new fan assembly slightly higher than its open slot and then slide the unit down until it is seated in the connector.
8. Tighten the two attachment screw knobs securely.
9. Plug in the power cords.
10. Press the power button to turn on the appliance.

After you insert the fan module, the system verifies the fan RPM.

Contact information

TippingPoint devices have a full set of documentation. For the most recent documentation updates, check the Threat Management Center (TMC) Web site at https://tmc.tippingpoint.com.

If you need technical support, call 1-866-681-8324 (1-866-681-TECH) or send an e-mail to tippingpoint.support@trendmicro.com.

Safety and compliance

This accessory complies with the following Safety Standards:

- UL 507
- UL 1007
- IEC/EN 60950-1
- CSA C22.2 No. 113-08

Reduction of hazardous substances

TippingPoint products comply with the RoHS Directive 2011/65/EU.

CE   Trend Micro
Model Farm Road
Cork, Ireland
Eircode T12 VP44

Waste electrical and electronic equipment

The host product of this custom accessory complies with the labeling requirement of the Waste Electrical and Electronic Equipment (WEEE) Directive 2002/96/EC.

Turkish recycling notice

Türkiye Cumhuriyeti: EEE Yönetmeliğine Uygundur

Ukraine Compliance Statement

Україна: Обладнання відповідає вимогам Технічного регламенту щодо обмеження використання деяких небезпечних речовин в електричному та електронному обладнані, затвердженого постановою Кабінету Міністрів України від 3 грудня 2008 № 1057.

Ukraine: The equipment complies with requirements of the Technical Regulation, approved by the Resolution of Cabinet of Ministry of Ukraine as of December 3, 2008 No. 1057, in terms of restrictions for the use of certain dangerous substances in electrical and electronic equipment.