

Configuring SNMP Secure Packet Mirroring Traps

To configure SNMP secure traps support, perform the following tasks on your E-series router:

1. Enable packet mirroring support.
2. Configure the packet mirroring application to generate traps.
3. (Optional) Verify the packet mirroring trap configuration.
4. (Optional) Configure the SNMP server to support secure logs.
5. Configure the SNMP server to generate packet mirroring traps.
6. Configure the SNMPv3 user for whom packet mirroring traps are generated.
7. Configure the SNMP server to report packet mirroring traps to a remote host.
8. (Optional) Verify the SNMP server packet mirroring configuration.

The following example illustrates the procedure to configure SNMP secure packet mirroring traps support:

```
host1#mirror-enable
host1#configure terminal
host1(config)#mirror trap-enable
host1(config)#show mirror trap
Traps are enabled
host1(config)#snmp-server secure-log
host1(config)#snmp-server user fredMirrorUser group mirror authentication md5
fred-md5password privacy des fred-despassword
host1(config)#snmp-server enable traps packetMirror trapFilters notice
host1(config)#snmp-server host 192.168.57.103 version 3 fredMirrorUser
cliSecurityAlert packetMirror trapFilters notice
host1(config)#show snmp trap
```

```
Enabled Categories: CliSecurity, PacketMirror, Sonet
SNMP authentication failure trap is disabled
Trap Source: FastEthernet 6/0, Trap Source Address:192.168.120.78
Trap Proxy: enabled
Global Trap Severity Level: 6 - informational
```

Address	Security String	Ver	Port	Trap Categories	
192.168.1.1	host1	v1	162	Cli	
192.168.57.103	fredMirrorUser	v3	162	CliPacketMirror	
192.168.57.162	host2	v3	162	Sonet	
Address	TrapSeverityFilter	Ping TimeOut	Maximum QueueSize	Queue DrainRate	Queue Full discrd methd
192.168.1.1	5 - notice	1	32	0	dropLastIn
192.168.57.103	5 - notice	1	32	0	dropLastIn
192.168.57.162	2 - critical	1	32	0	dropLastIn

- Related Topics**
- Using SNMP Secure Packet Mirroring Traps
 - See Configuring SNMP in *JUNOS System Basics Configuration Guide* for information about JUNOS software SNMP support.
 - mirror trap-enable

- snmp-server clear secure-log
- snmp-server enable traps
- snmp-server host
- snmp-server secure-log
- show mirror trap
- show snmp secure-log