

Chapter 24

Monitoring Subscriber Management

This chapter describes how to monitor subscriber management on the E-series router.

The following sections describe commands you can use to display status information and statistics for the subscriber management environment:

- Monitoring IP Service Profiles on page 491
- Monitoring Active IP Subscribers Created by Subscriber Management on page 492

Monitoring IP Service Profiles

Purpose Display information for all IP service profiles or for a specific profile.

Action

```
host1#show ip service-profile
ip service-profile west500
  user-name: finance22
  user-prefix: xyz.bos
  domain: xyzcorp.net
  include virtual-router-name
  include mac-address
  include circuit-identifier atm prepend-circuit-type
  password: 4398aa

ip service-profile atlSerPro9
  user-name: salesCorp
  domain: xyzcorp.net
  include virtual-router-name
  include circuit-identifier vlan
  password: u473qv
```

Meaning Table 103 lists the **show ip service-profile** command output field.

Table 103: show ip service-profile Output Fields

Field Name	Field Description
ip service-profile	Name of profile
user-name	Username used to retrieve information from RADIUS for subscriber interfaces
user-prefix	User prefix used to retrieve information from RADIUS for subscriber interfaces

Table 103: show ip service-profile Output Fields (continued)

Field Name	Field Description
domain	Domain used to retrieve information from RADIUS for subscriber interfaces
include ip-address	IP address is included in the service profile
include virtual-router-name	Virtual router is included in the service profile
include mac-address	MAC address is included in the service profile
include circuit-identifier	Circuit identifier that is included in the service profile; atm or vlan, and whether the circuit type is prepended
include hostname	Router hostname is included in the service profile
include dhcp-option 82	Suboptions of DHCP option 82 are included in the service profile: agent-circuit-id or agent-remote-id
password	Password used to retrieve information from RADIUS for subscriber interfaces

Related Topics

- `show ip service-profile` command

Monitoring Active IP Subscribers Created by Subscriber Management

Purpose Display information about active IP subscribers that were created by the JUNOS software's subscriber management feature.

Action `host1#show ip-subscriber 2835349506`

Id	User Name	Ip Address	Virtual Router	Interface
2835349506	user1@isp1.com	192.168.0.1	default	ip192.168.0.1

Id	Login time
2835349506	WED AUG 23 20:46:24 2006

`host1#show ip-subscriber detail`

Subscriber List				
Id	User Name	Ip Address	Virtual Router	Interface
2835349506	user1@isp1.com	192.168.0.1	default	ip192.168.0.1

Id	Login Time	Mac Address	Profile Handle
2835349506	WED AUG 23 20:46:24 2006	3000.0001.9365	13631489

Id	Interface Profile	Service Profile	Option 82
2835349506	myProfile	profile22	FastEthernet 3/1

Meaning Table 104 lists the **show ip-subscriber** command output field.

Table 104: show ip-subscriber Output Fields

Field Name	Field Description
Id	ID of the subscriber
User Name	Username used to retrieve information from RADIUS for the subscriber interface
Ip Address	IP address of the subscriber interface
Virtual Router	Name of the virtual router on which the subscriber interface is configured
Interface	Name of subscriber interface; ip indicates that subscriber manager created this interface
Login Time	Day, date, and time that the subscriber logged in
Mac Address	MAC address of the subscriber
Profile Handle	AAA profile handle
Interface Profile	Interface profile name used to configure the subscriber interface
Service Profile	IP service profile name used by subscriber management to authorize and configure the subscriber interface with AAA
Option 82	DHCP relay agent information (option 82) circuit identifier that describes the physical interface location associated with the subscriber

Related Topics

- **show ip-subscriber** command

