RAToolSet News

Cengiz Alaettinoglu
WeeSan Lee
Rusty Eddy

Recent Releases

- version 3.4.* September ‘96
  - enhancements
  - portability
  - documentation
  - **`relayd`**
  - **`prtraceroute`**
- version 3.5.1 December ‘96
  - **`aoe`** in production
  - **`RtConfig`** enhancements

`RtConfig` Enhancements

- **`-supress_martian`**

```
access-list <n> deny   ip host 0.0.0.0 any
access-list <n> deny   ip 127.0.0.0 0.255.255.255 255.0.0.0 0.255.255.255
access-list <n> deny   ip 10.0.0.0 0.255.255.255 255.0.0.0 0.255.255.255
access-list <n> deny   ip 172.16.0.0 0.15.255.255 255.240.0.0 0.15.255.255
access-list <n> deny   ip 192.168.0.0 0.0.255.255 255.255.0.0 0.0.255.255
access-list <n> deny   ip 192.0.2.0 0.0.0.255 255.255.255.0 0.0.0.255
access-list <n> deny   ip 128.0.0.0 0.0.255.255 255.255.0.0 0.0.255.255
access-list <n> deny   ip 191.255.0.0 0.0.255.255 255.255.0.0 0.0.255.255
access-list <n> deny   ip 192.0.0.0 0.0.0.255 255.255.255.0 0.0.0.255
access-list <n> deny   ip 223.255.255.0 0.0.0.255 255.255.255.0 0.0.0.255
access-list <n> deny   ip 224.0.0.0 31.255.255.255 224.0.0.0 31.255.255.255
access-list <n> deny   ip any 255.255.255.128 0.0.0.127
```

Networks Statement

```
RtConfig> @RtConfig networks AS690
network 206.157.77.0 mask 255.255.255.248
network 206.157.77.8 mask 255.255.255.248
network 152.161.0.0 mask 255.255.0.0
```

Default Policies

```
RtConfig> @RtConfig default AS1880 AS1883
ip default-network 192.121.157.0
ip default-network 192.121.156.0
ip default-network 192.121.154.0
ip default-network 192.121.159.0
ip default-network 192.174.65.0
ip default-network 192.121.158.0
ip default-network 192.121.155.0
ip default-network 192.65.192.0
ip default-network 193.189.192.0
ip default-network 194.29.1.0
ip default-network 194.29.0.0
ip default-network 206.157.77.0
ip default-network 206.157.77.8
ip default-network 152.161.0.0
```

Community and AS Path Manipulation

- Currently being implemented:
  - **`aspath.prepend(AS#, AS#, …)`**

  - **`community.set(#, #, …)`**
  - **`community.append(#, #, …)`**
  - **`community.equals(#, #, …)`**
  - **`community.contains(#, #, …)`**

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  Development environment
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- Randy Bush
- Allan Barrett
- Joachim Schmith
- Dave Meyer
- Craig Labovitz
- Brian Renaud

`RAToolSet` version 3.5.1

- WWW
  - **`http://www.isi.edu/ra/RAToolSet`**
- Anonymous FTP
  - **`ftp.isi.edu:ra/RAToolSet`**
  - includes statically compiled binaries
- Mailing List
  - **`ratoolset@isi.edu`**
  - **`majordomo`** maintained