Exploring rip_v2_unreach.pcapng

R2 | RIP Multicast | R1

rip_v2_unreach.pcapng

RIP Response

Frame 1 | 2020-07-22T17:53:24.879598Z

Version	RIPv2 (2)
Route Tag	0
IP Address	192.168.2.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	1
Route Tag	0
IP Address	192.168.3.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	2
Route Tag	0
IP Address	192.168.23.0
Netmask	255.255.255.0
Next Hop	0.0.0.0...
	1 more

RIP Response

Frame 2 | 2020-07-22T17:53:37.770292Z

Version	RIPv2 (2)
Route Tag	0
IP Address	192.168.1.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	1

RIP Response

Frame 3 | 2020-07-22T17:53:53.522948Z

Version	RIPv2 (2)
Route Tag	0
IP Address	192.168.2.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	1
Route Tag	0
IP Address	192.168.3.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	2
Route Tag	0
IP Address	192.168.23.0
Netmask	255.255.255.0
Next Hop	0.0.0.0...
	1 more

RIP Response

Frame 4 | 2020-07-22T17:54:04.227543Z

Version	RIPv2 (2)
Route Tag	0
IP Address	192.168.1.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	1

RIP Response

Frame 5 | 2020-07-22T17:54:21.423622Z

Version	RIPv2 (2)
Route Tag	0
IP Address	192.168.2.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	1
Route Tag	0
IP Address	192.168.3.0
Netmask	255.255.255.0

R2 | RIP Multicast | R1

➡️ Next Hop	0.0.0.0
📏 Metric	2
Route Tag	0
🌐 IP Address	192.168.23.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0...
	1 more

RIP Response

Version	RIPv2 (2)
Route Tag	0
🌐 IP Address	192.168.1.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	1

Frame 6 | 2020-07-22T17:54:30.598534Z

RIP Response

Version	RIPv2 (2)
Route Tag	0
🌐 IP Address	192.168.3.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	16

Frame 7 | 2020-07-22T17:54:48.205943Z

RIP Response

Version	RIPv2 (2)
Route Tag	0
🌐 IP Address	192.168.2.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	1
Route Tag	0
🌐 IP Address	192.168.3.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	16
Route Tag	0
🌐 IP Address	192.168.23.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0...
	1 more

Frame 8 | 2020-07-22T17:54:48.528703Z

RIP Response

Version	RIPv2 (2)
Route Tag	0
🌐 IP Address	192.168.3.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	16

Frame 9 | 2020-07-22T17:54:50.206907Z

RIP Response

Version	RIPv2 (2)
Route Tag	0
🌐 IP Address	192.168.1.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	1
Route Tag	0
🌐 IP Address	192.168.3.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	16

Frame 10 | 2020-07-22T17:54:58.526497Z

RIP Response

Version	RIPv2 (2)

Frame 11 | 2020-07-22T17:55:15.984661Z

R2 | RIP Multicast | R1

Route Tag	0
🌐 IP Address	192.168.2.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	1
Route Tag	0
🌐 IP Address	192.168.3.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	16
Route Tag	0
🌐 IP Address	192.168.23.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0...
	1 more

RIP Response (R1 → RIP Multicast)

Frame 12 | 2020-07-22T17:55:28.199977Z

Version	RIPv2 (2)
Route Tag	0
🌐 IP Address	192.168.1.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	1
Route Tag	0
🌐 IP Address	192.168.3.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	16

RIP Response (R2 → RIP Multicast)

Frame 13 | 2020-07-22T17:55:45.814875Z

Version	RIPv2 (2)
Route Tag	0
🌐 IP Address	192.168.2.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	1
Route Tag	0
🌐 IP Address	192.168.3.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	16
Route Tag	0
🌐 IP Address	192.168.23.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0...
	1 more

RIP Response (R1 → RIP Multicast)

Frame 14 | 2020-07-22T17:55:57.71131Z

Version	RIPv2 (2)
Route Tag	0
🌐 IP Address	192.168.1.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	1

RIP Response (R2 → RIP Multicast)

Frame 15 | 2020-07-22T17:56:11.99285Z

Version	RIPv2 (2)
Route Tag	0
🌐 IP Address	192.168.2.0
Netmask	255.255.255.0
➡️ Next Hop	0.0.0.0
📏 Metric	1
Route Tag	0
🌐 IP Address	192.168.23.0
Netmask	255.255.255.0

R2 | RIP Multicast | R1

Next Hop	0.0.0.0
Metric	1

RIP Response

Frame 16 | 2020-07-22T17:56:26.173738Z

Version	RIPv2 (2)
Route Tag	0
IP Address	192.168.1.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	1

RIP Response

Frame 17 | 2020-07-22T17:56:39.339327Z

Version	RIPv2 (2)
Route Tag	0
IP Address	192.168.2.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	1
Route Tag	0
IP Address	192.168.23.0
Netmask	255.255.255.0
Next Hop	0.0.0.0
Metric	1