

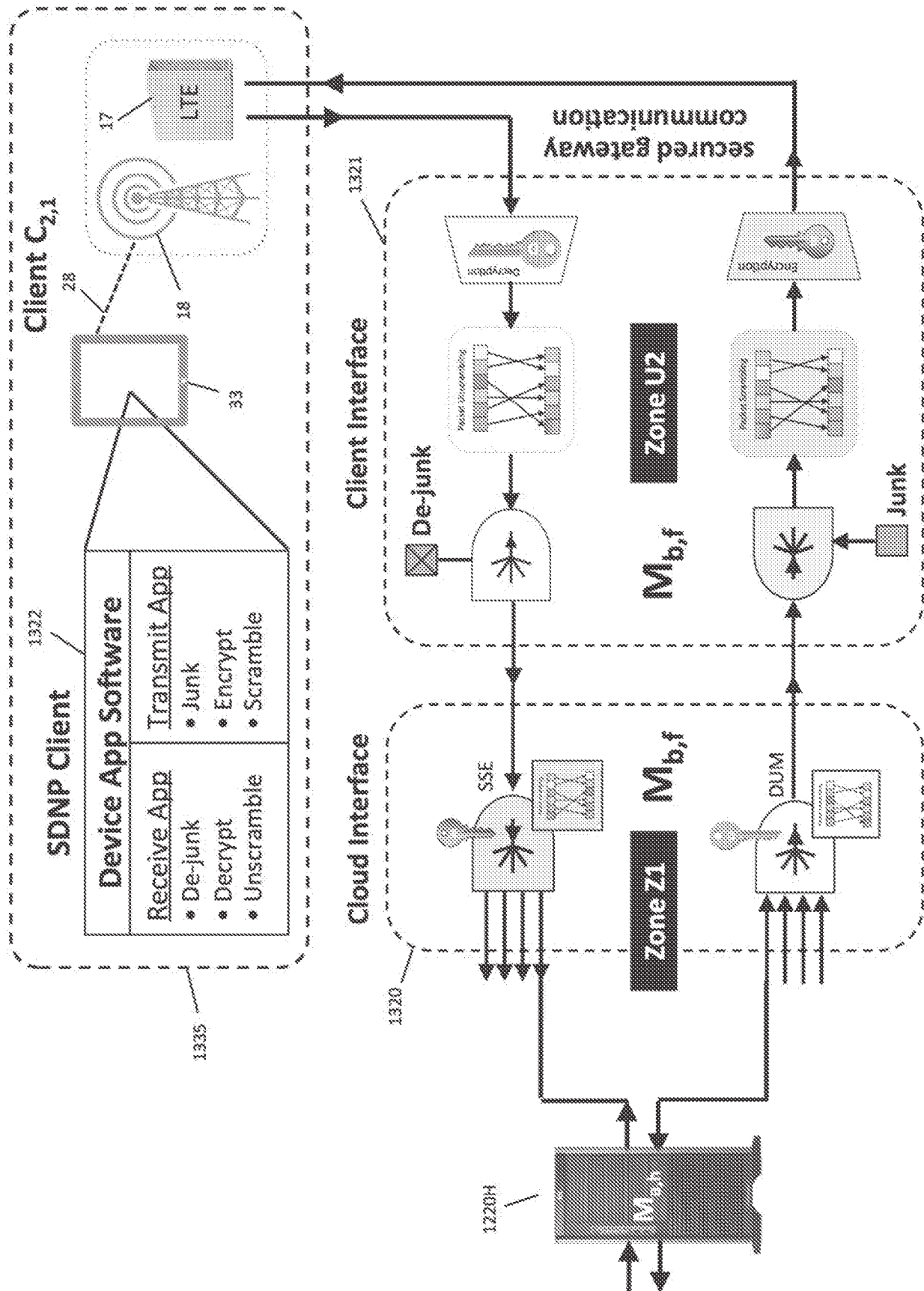


Figure 978

SDNP Client Interface

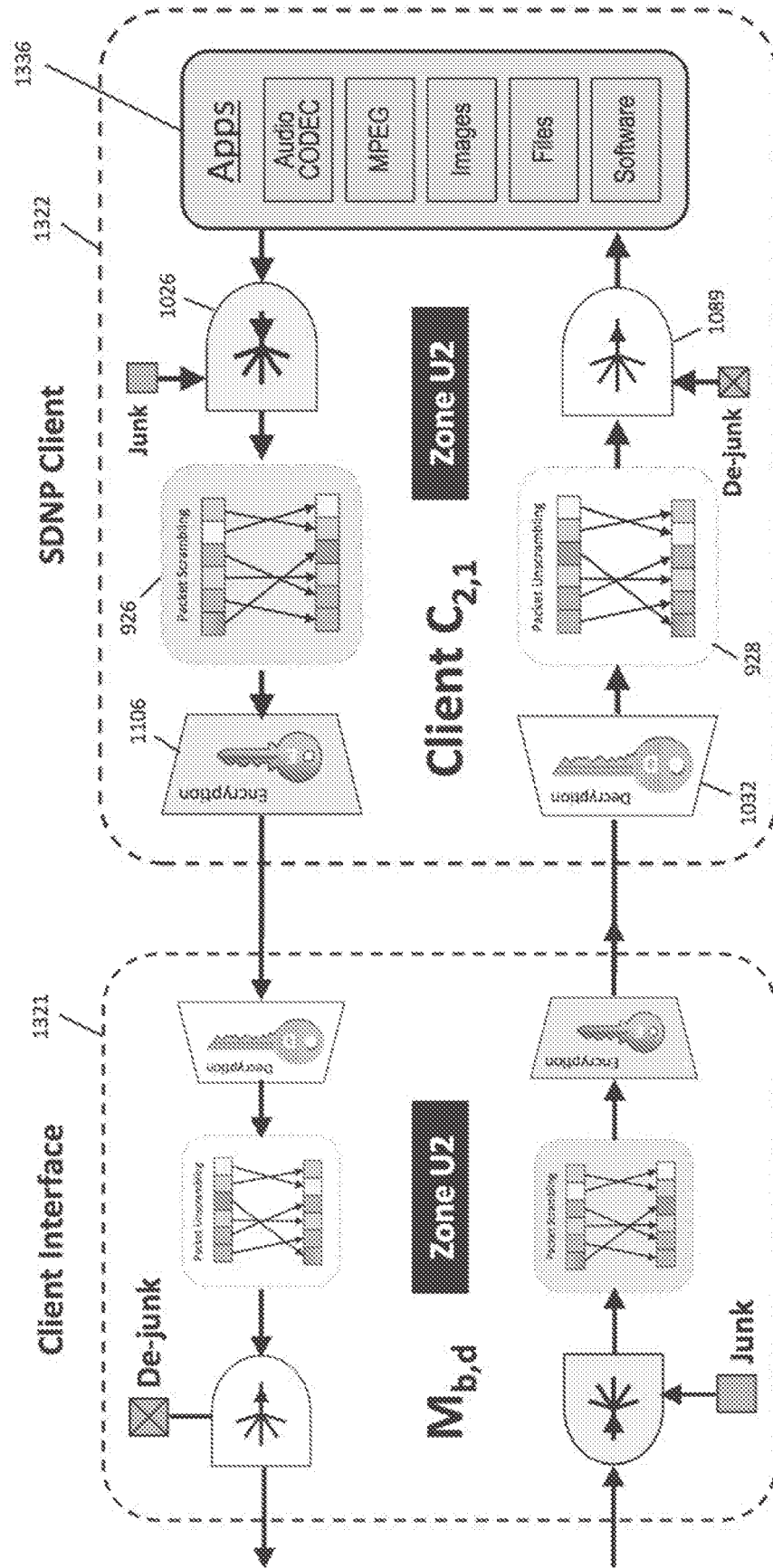


Figure 98

Key Management by Zone

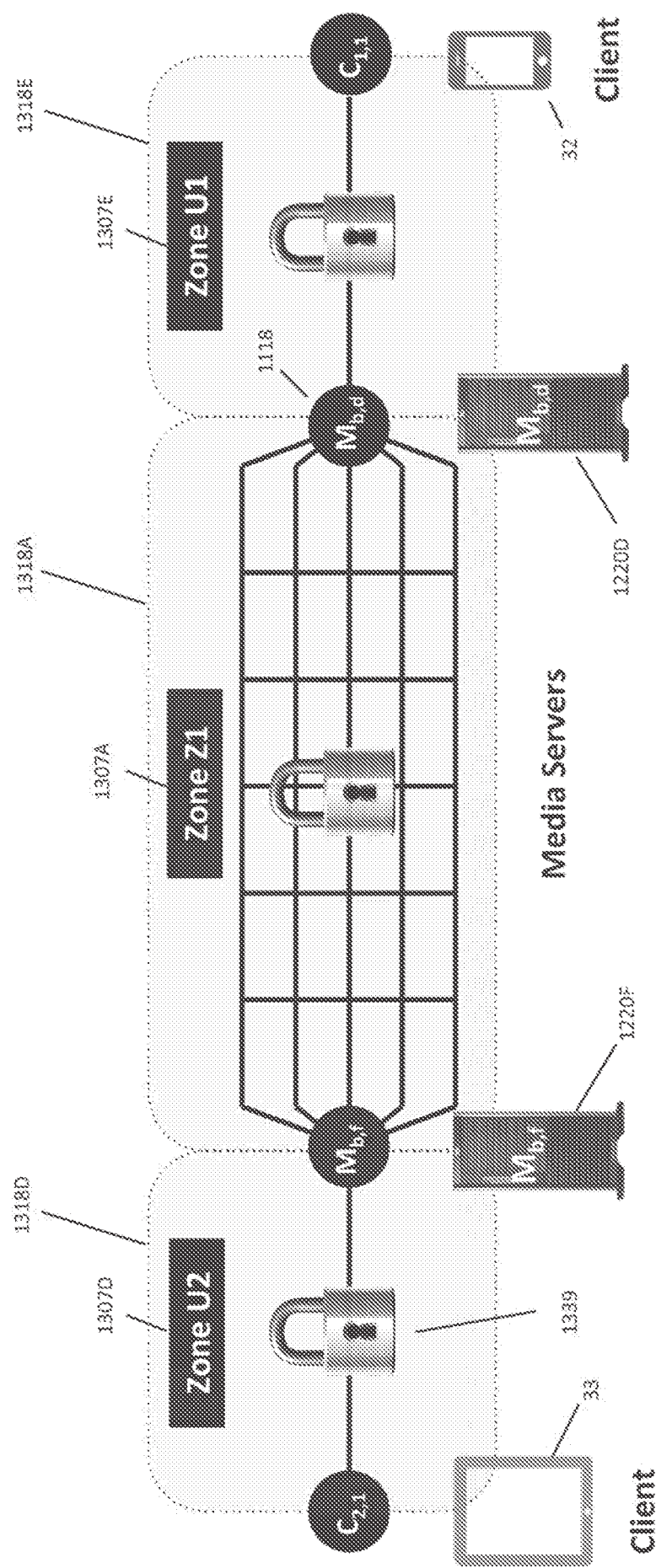


Figure 99A

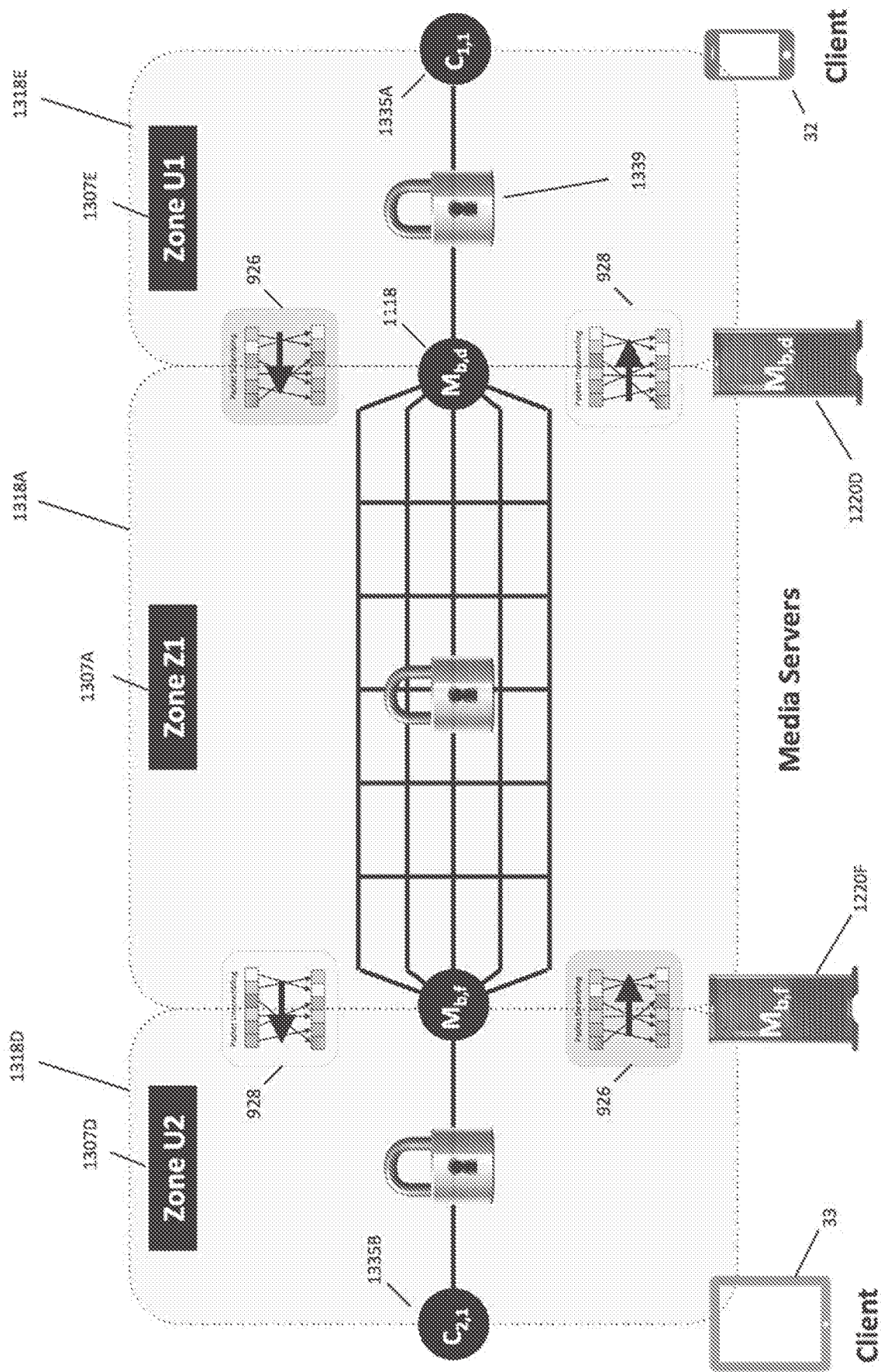


Figure 998

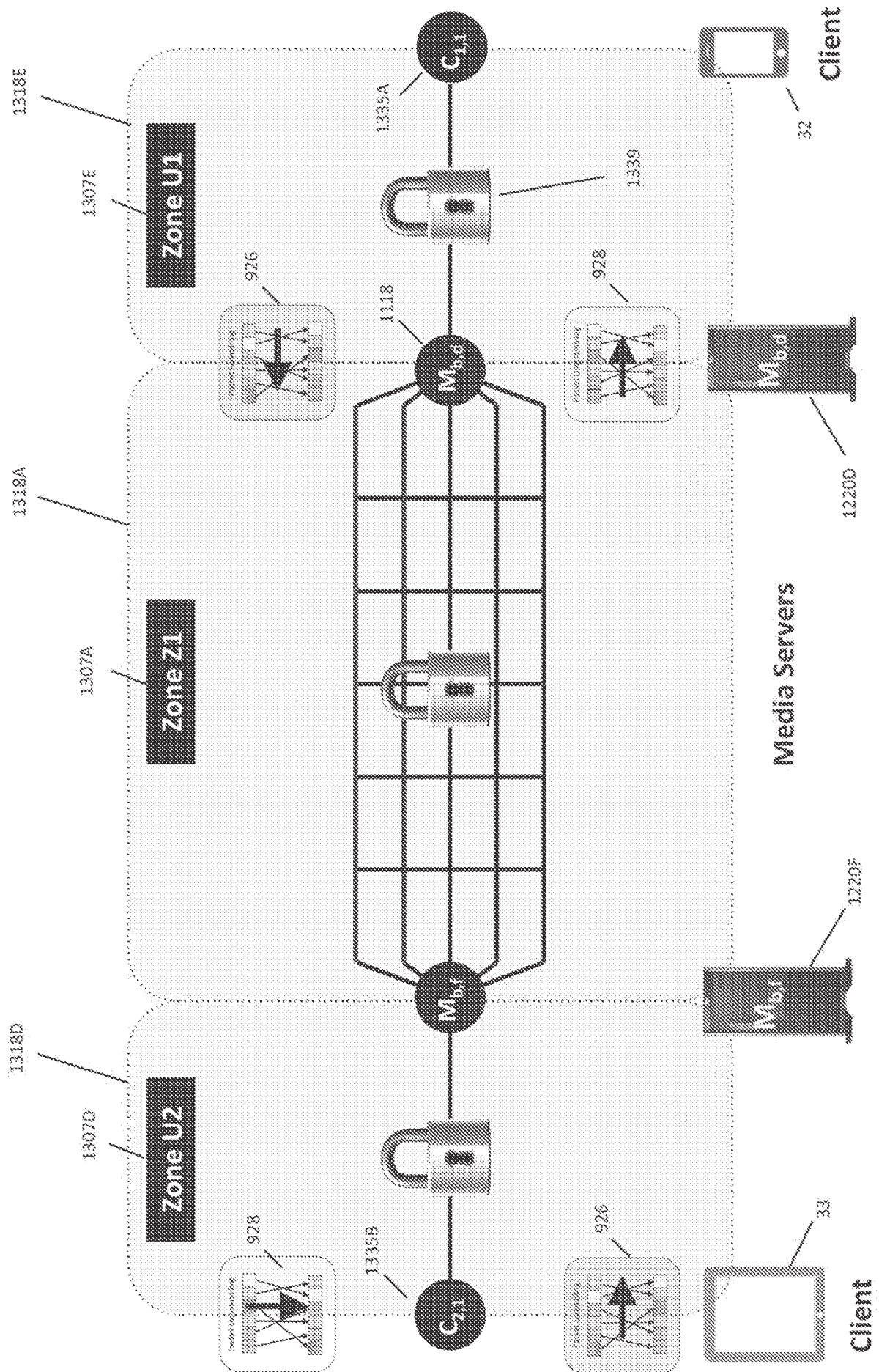


Figure 99C

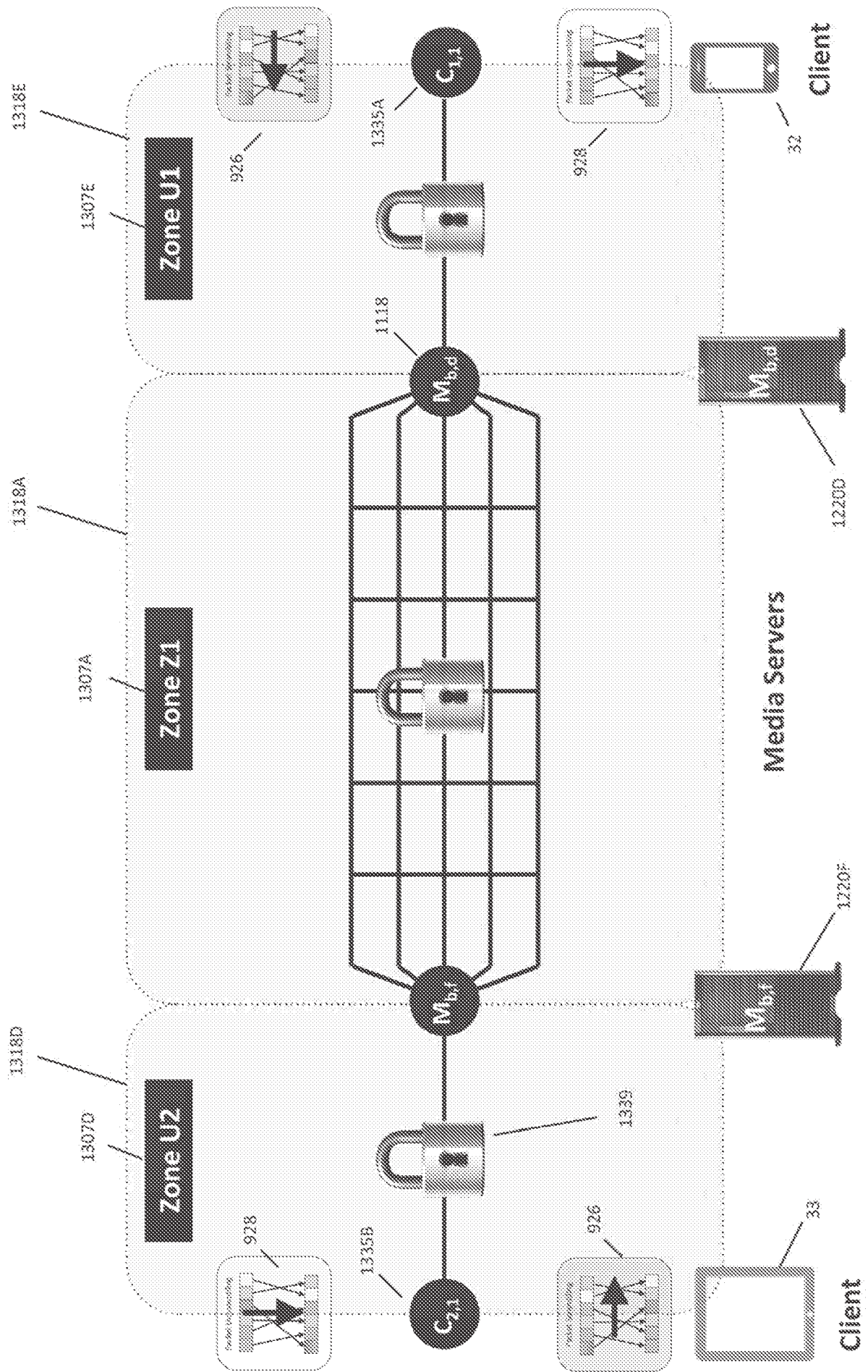


Figure 99D

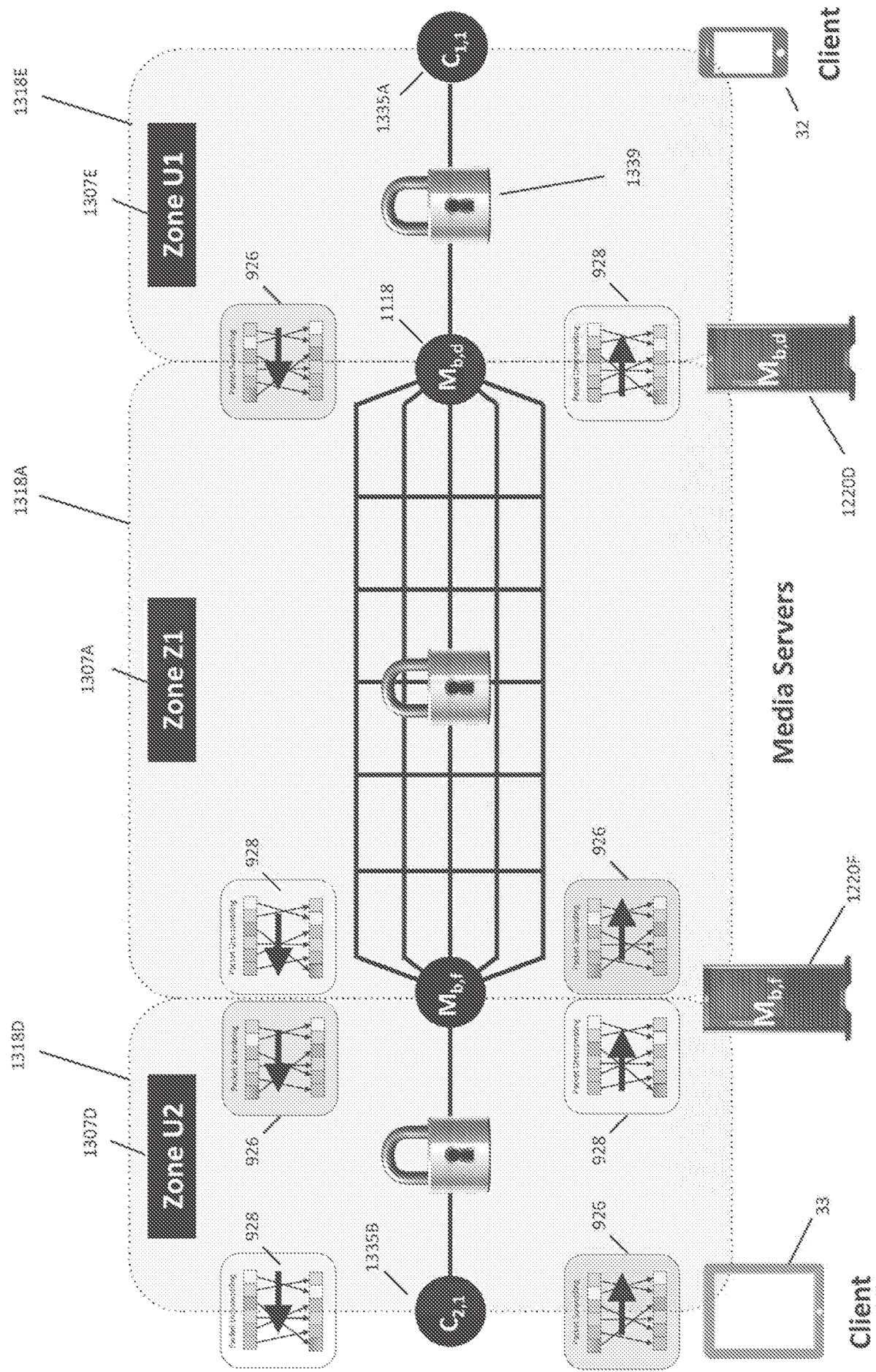


Figure 99E

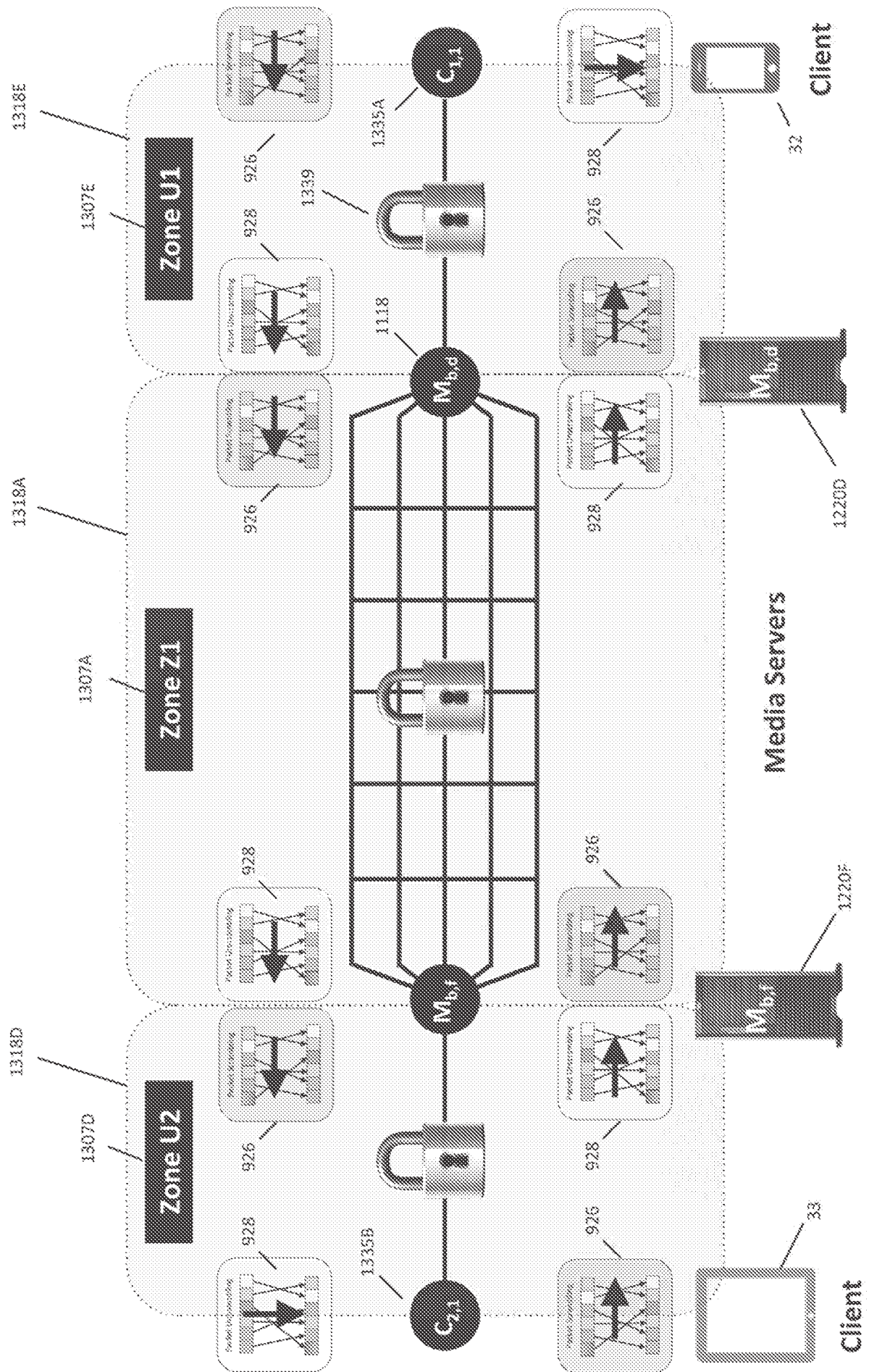
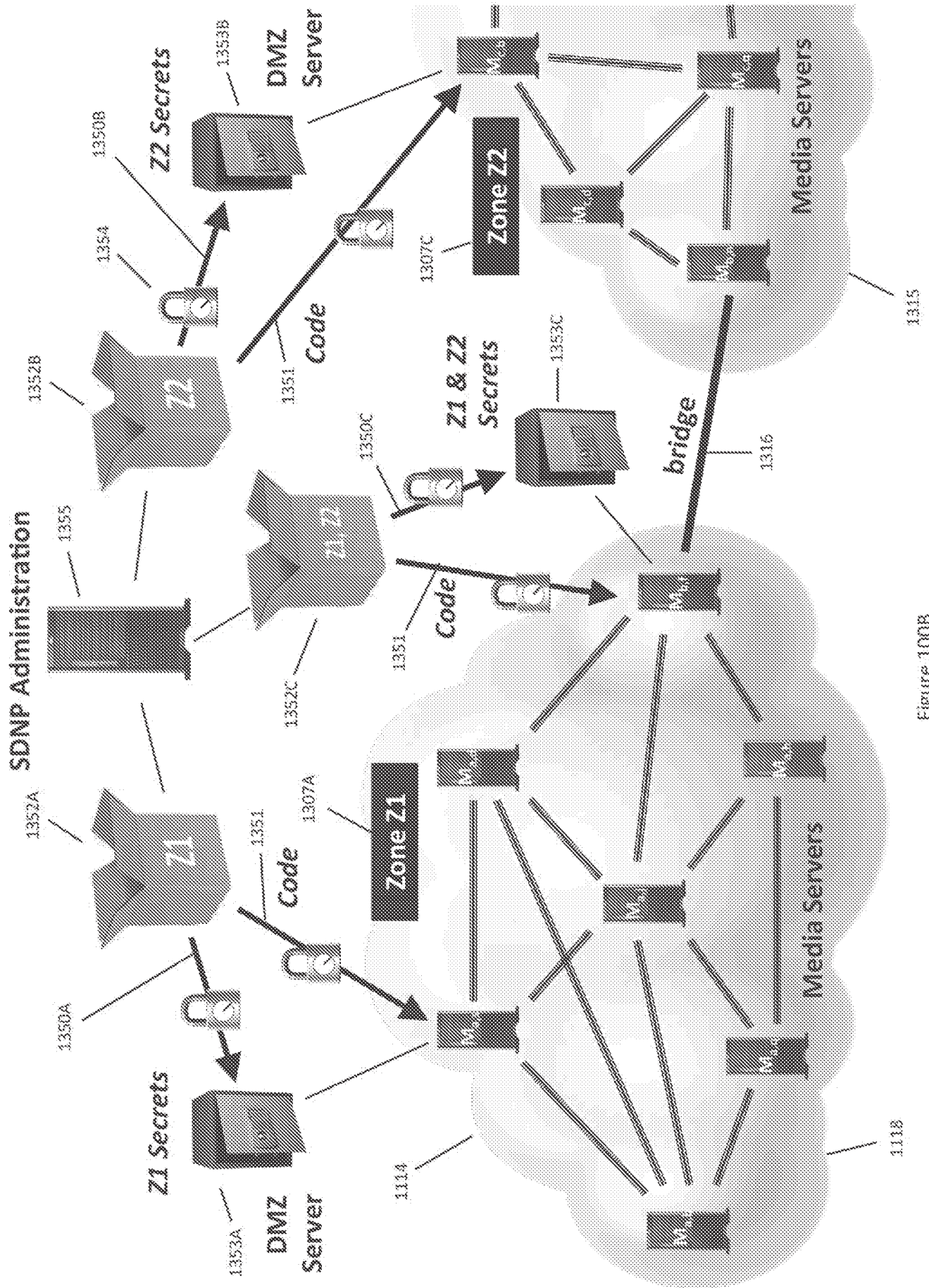


Figure 99F



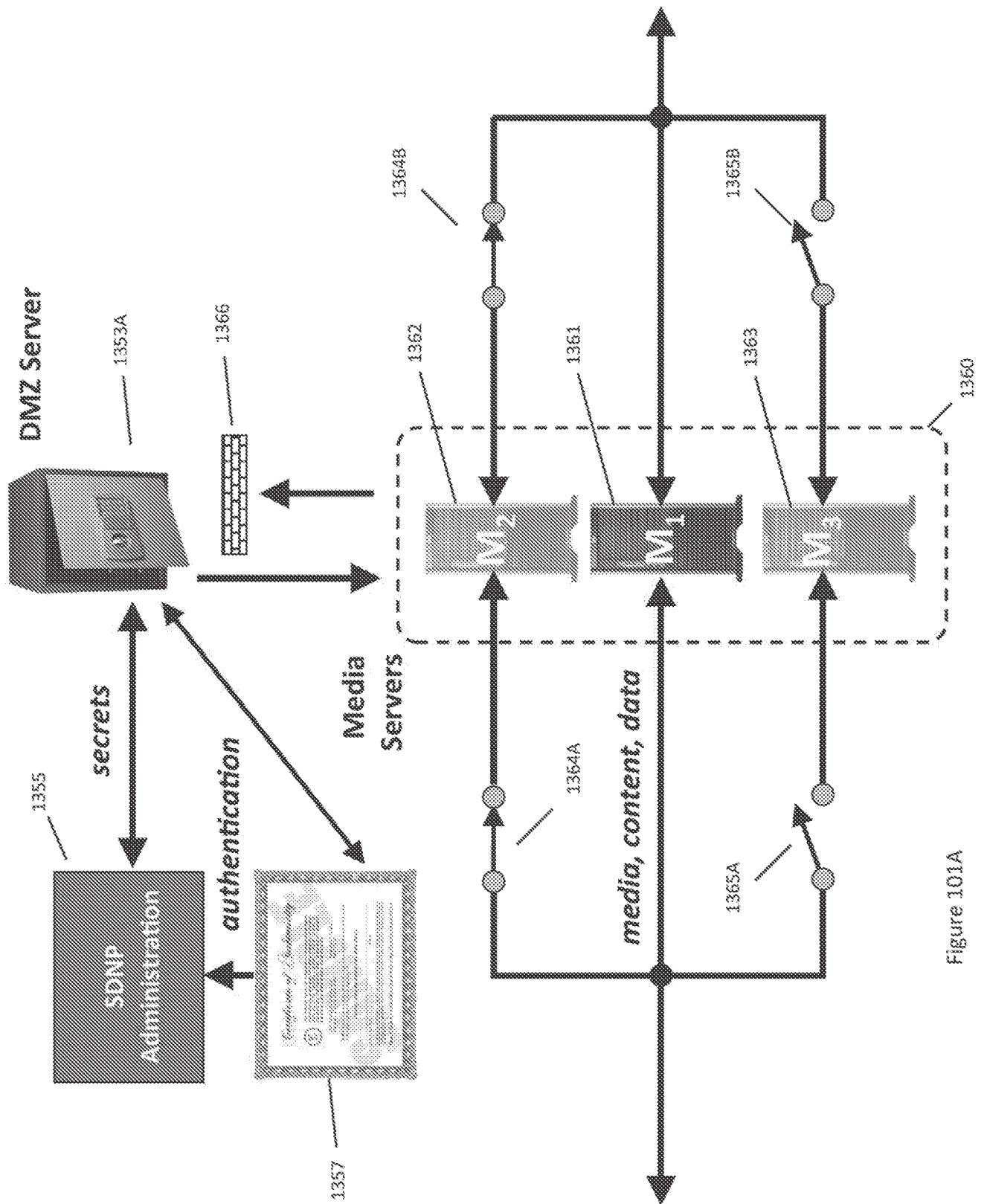


Figure 101A

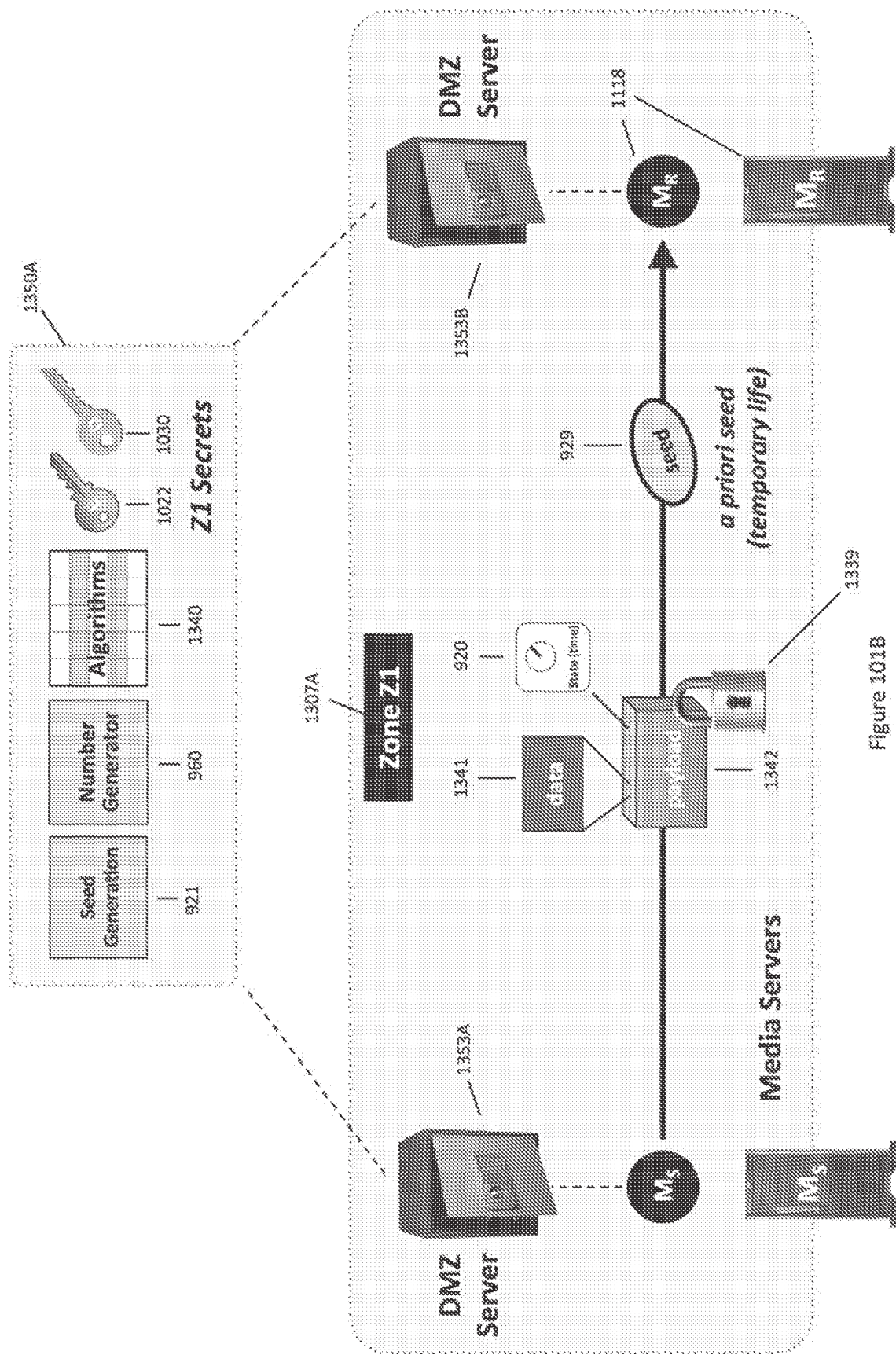


Figure 1018

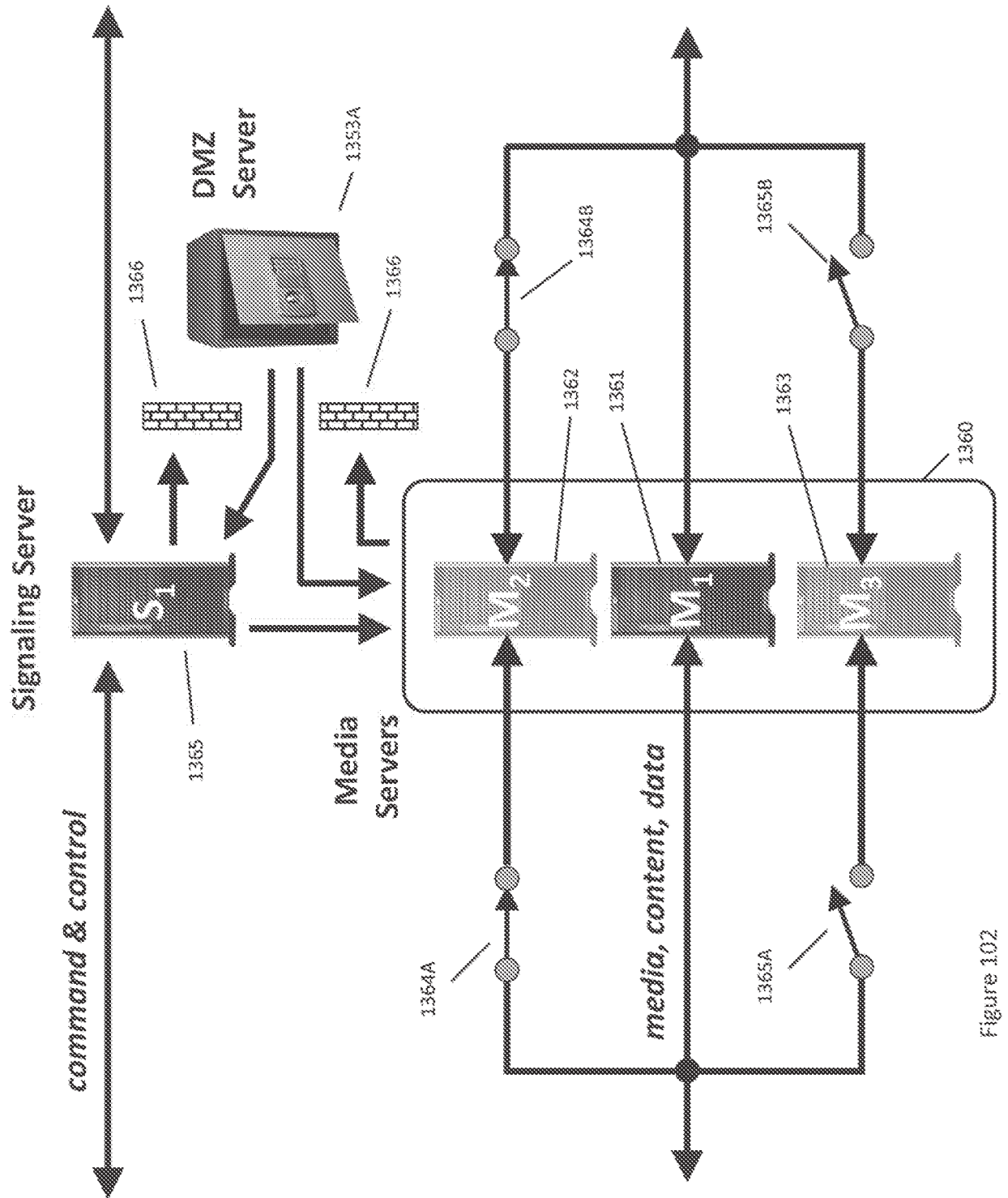


Figure 102

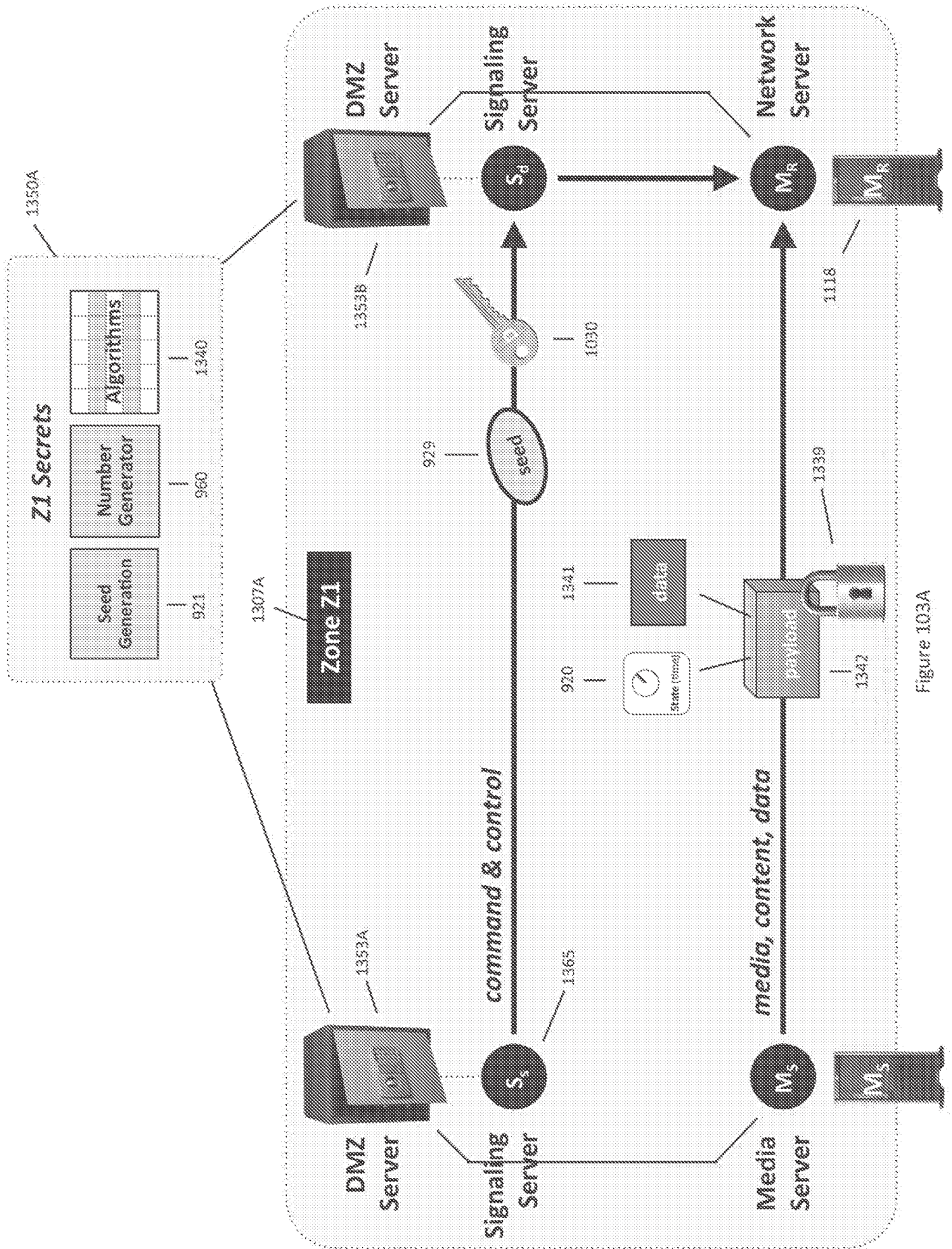


Figure 103A

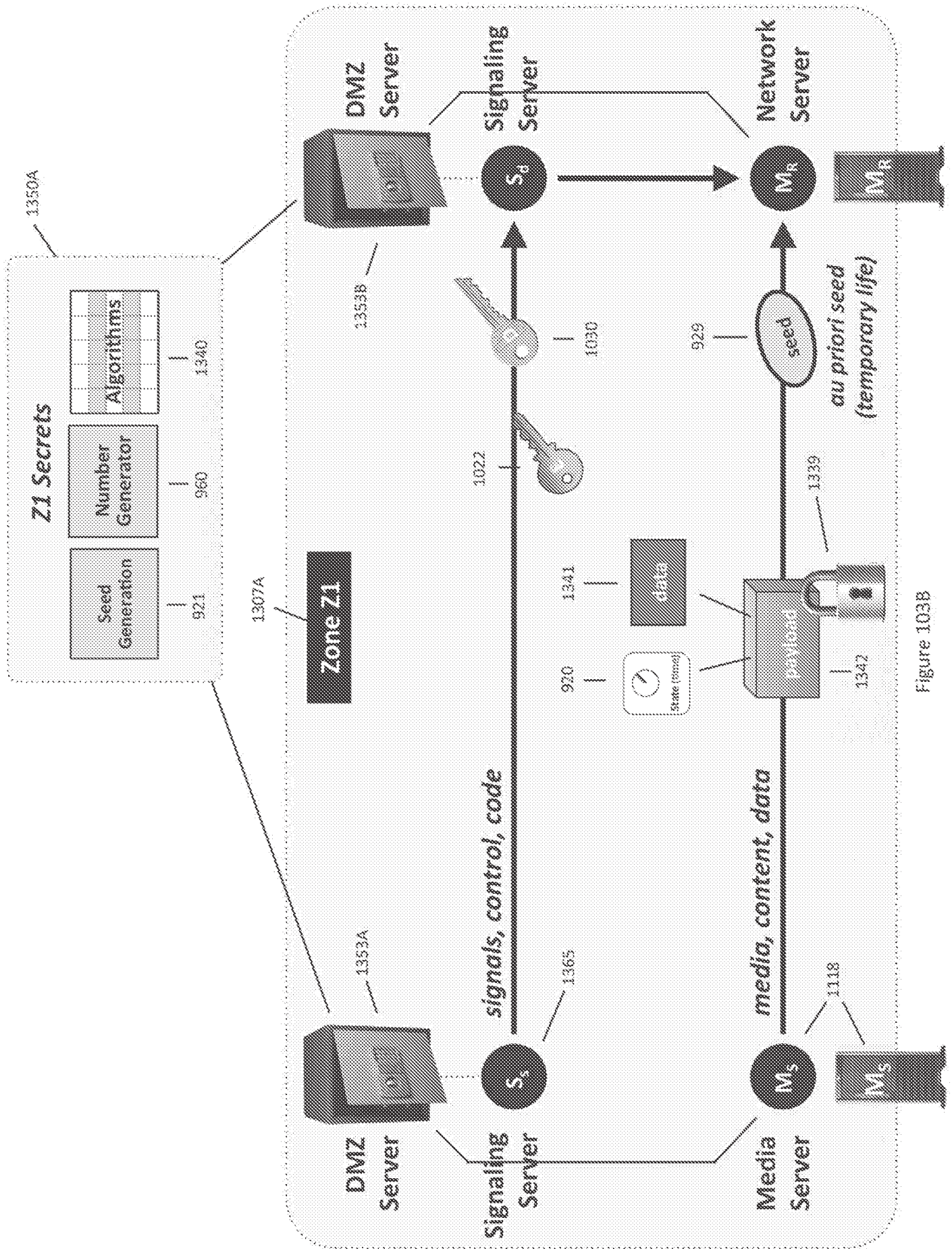
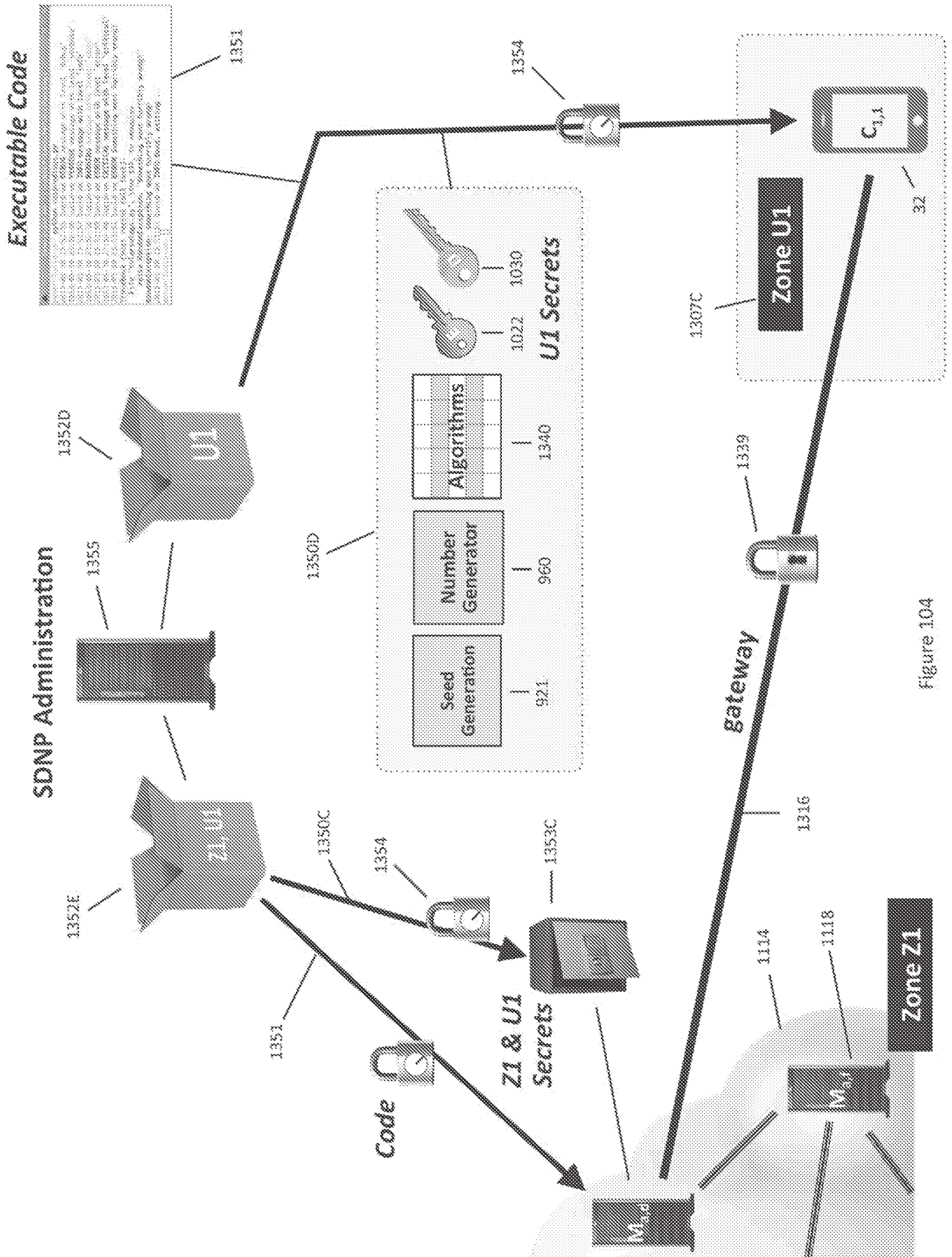


Figure 103B



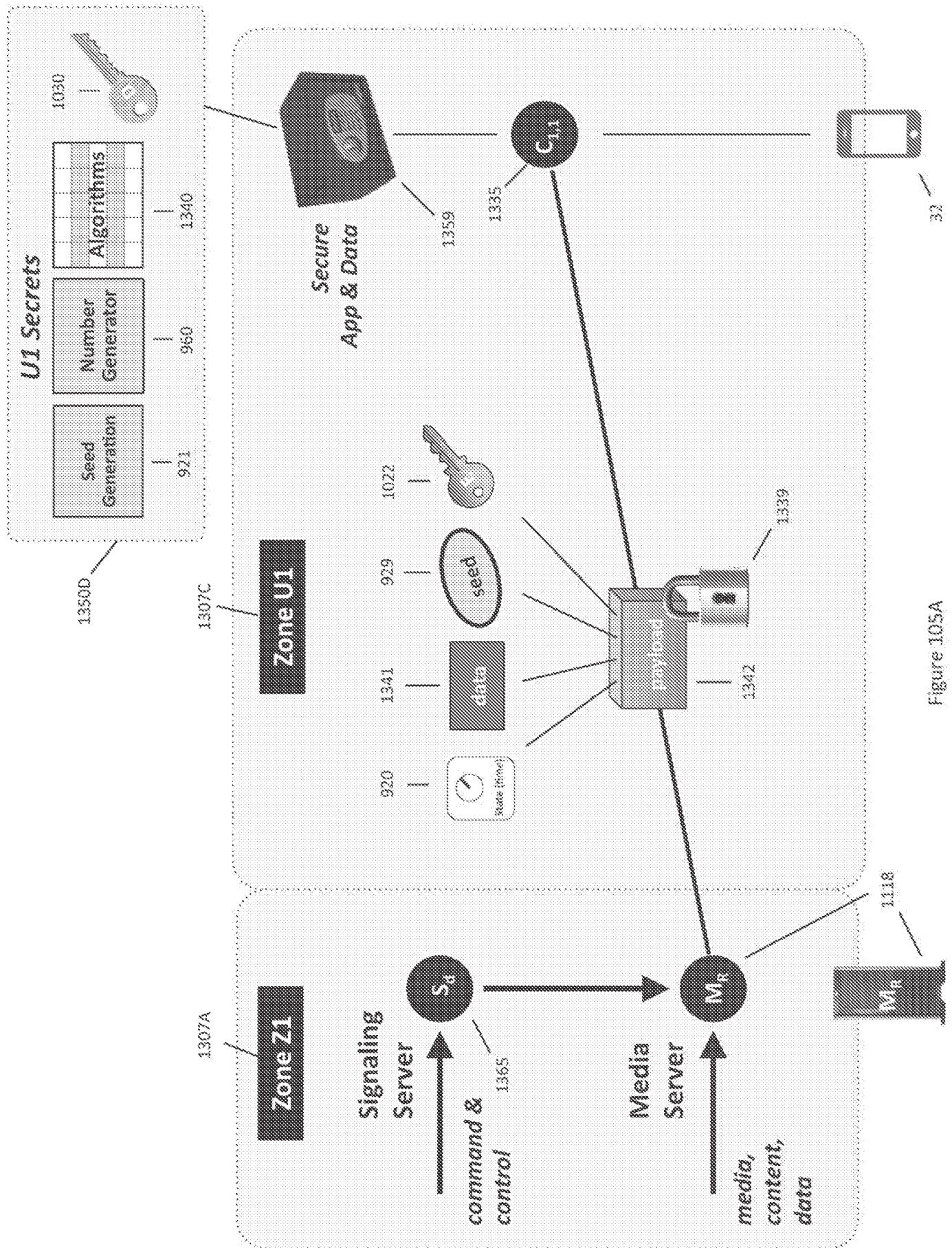


Figure 105A

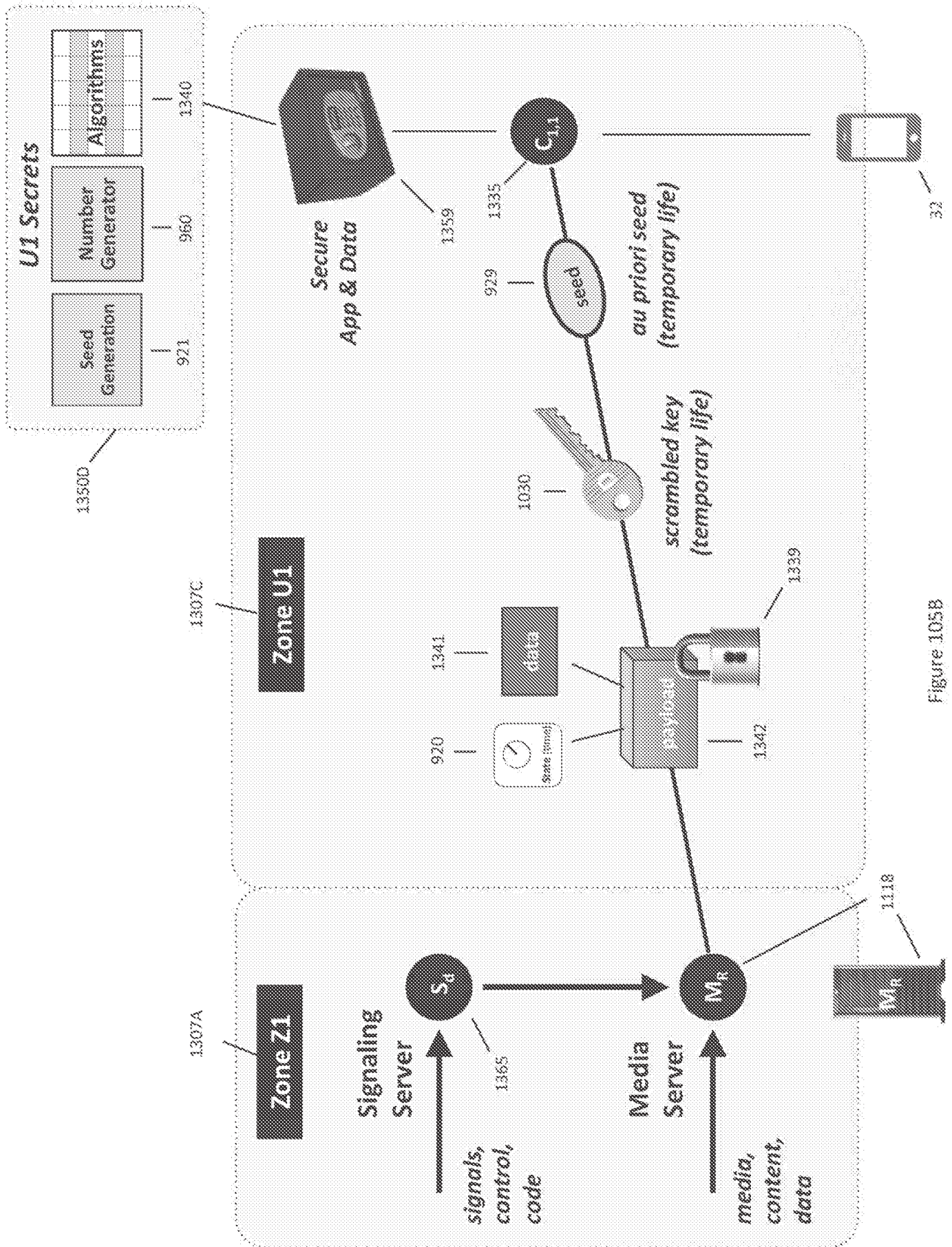


Figure 105B

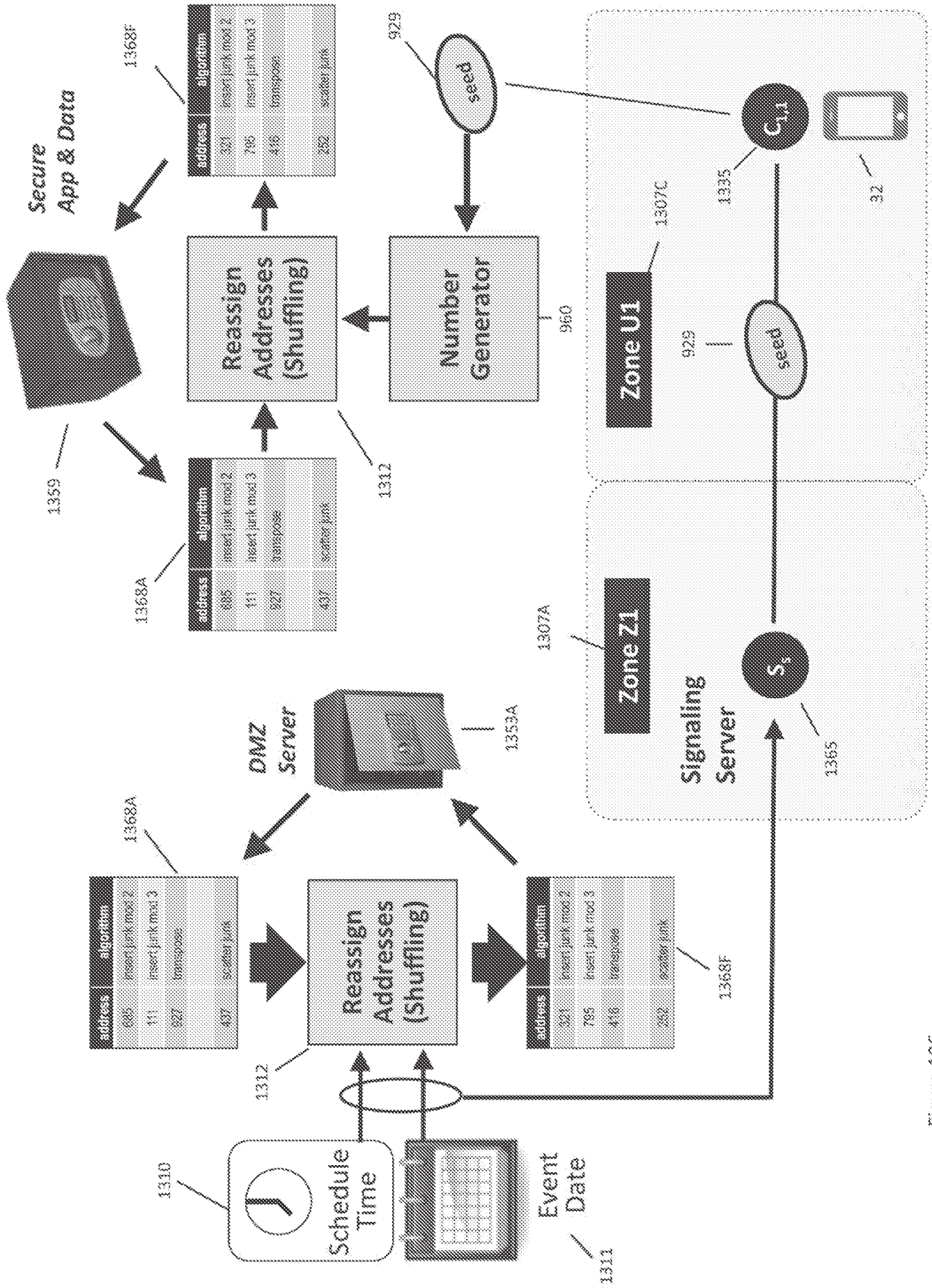
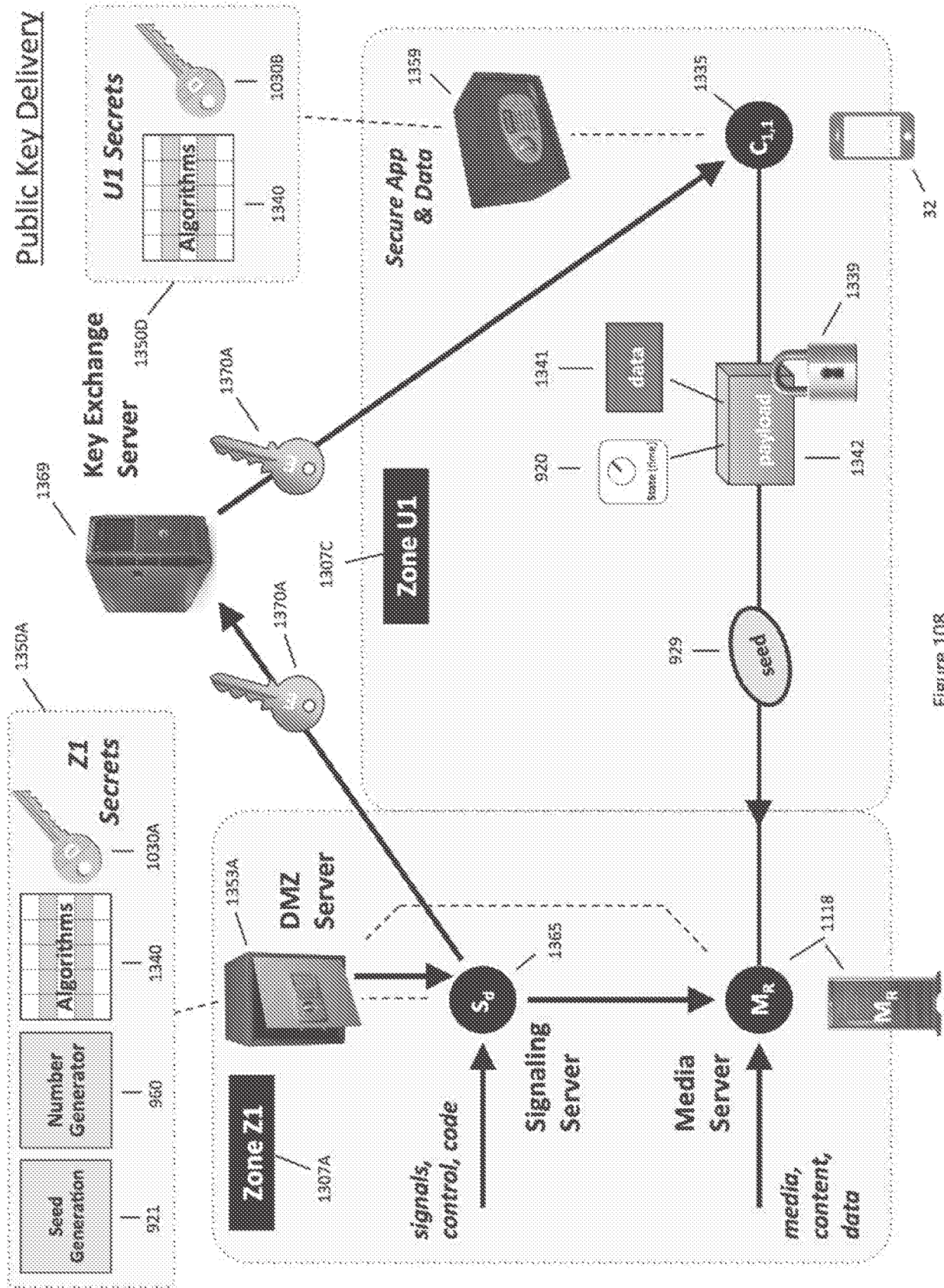
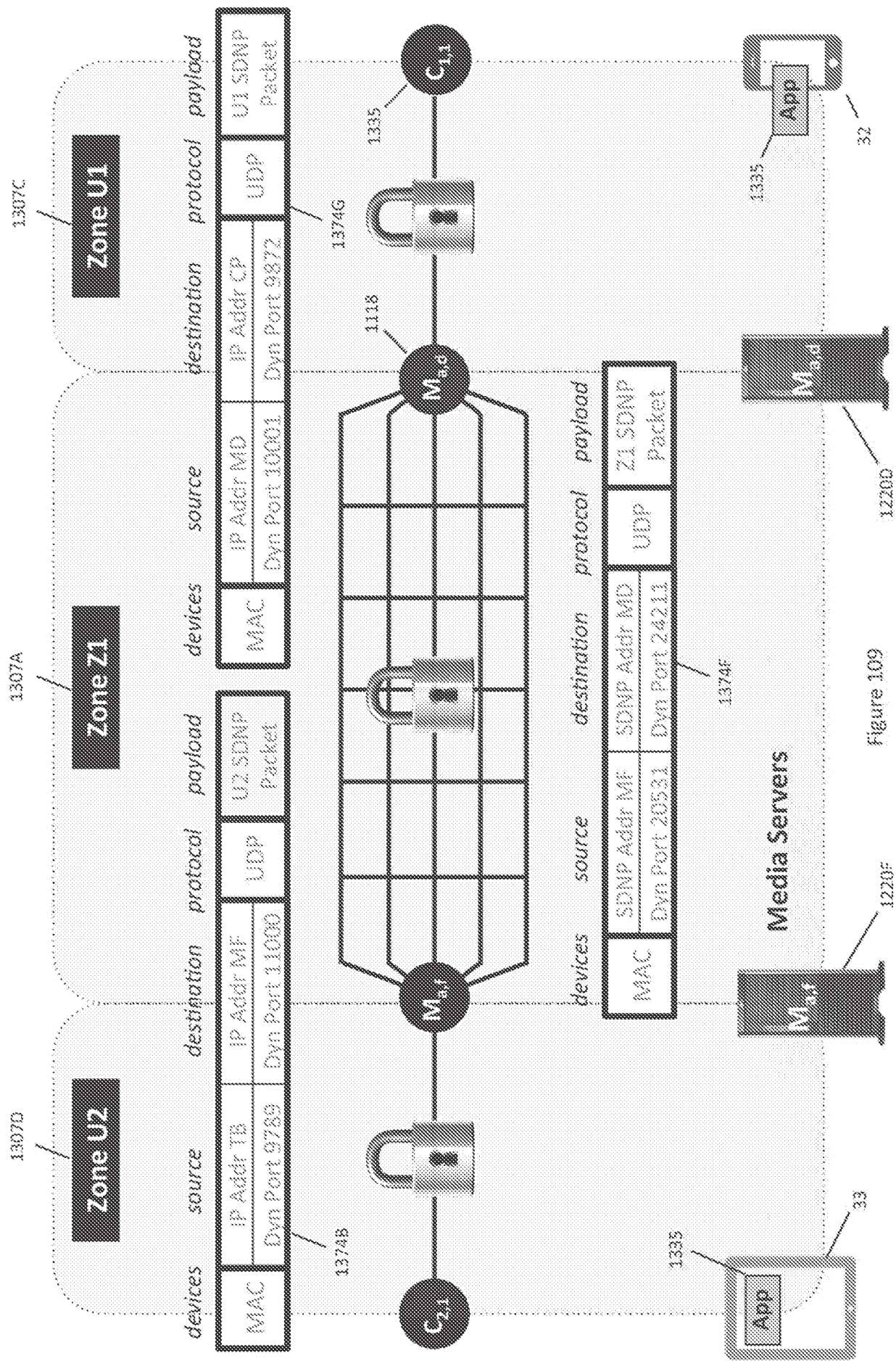


Figure 106





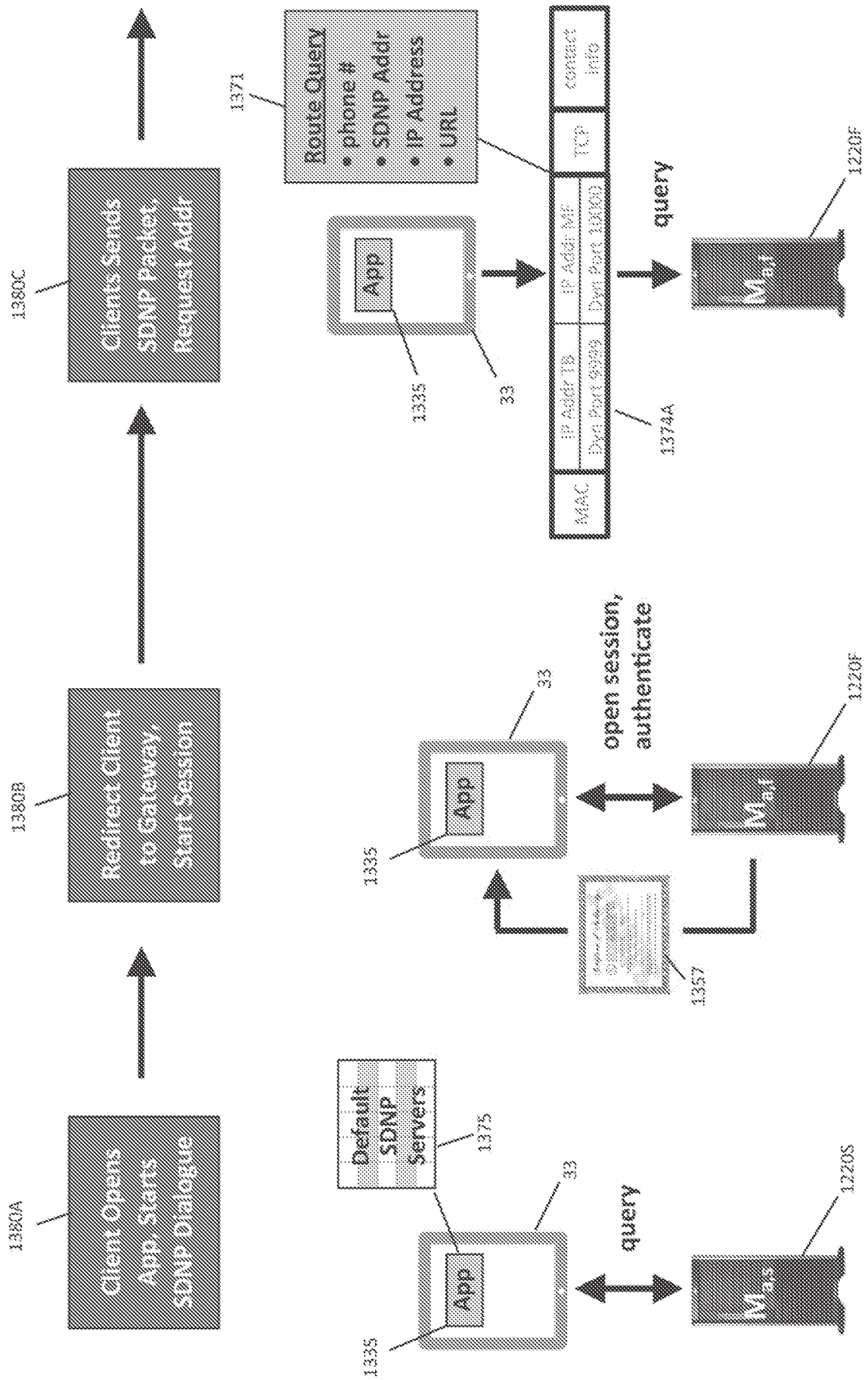


Figure 110A

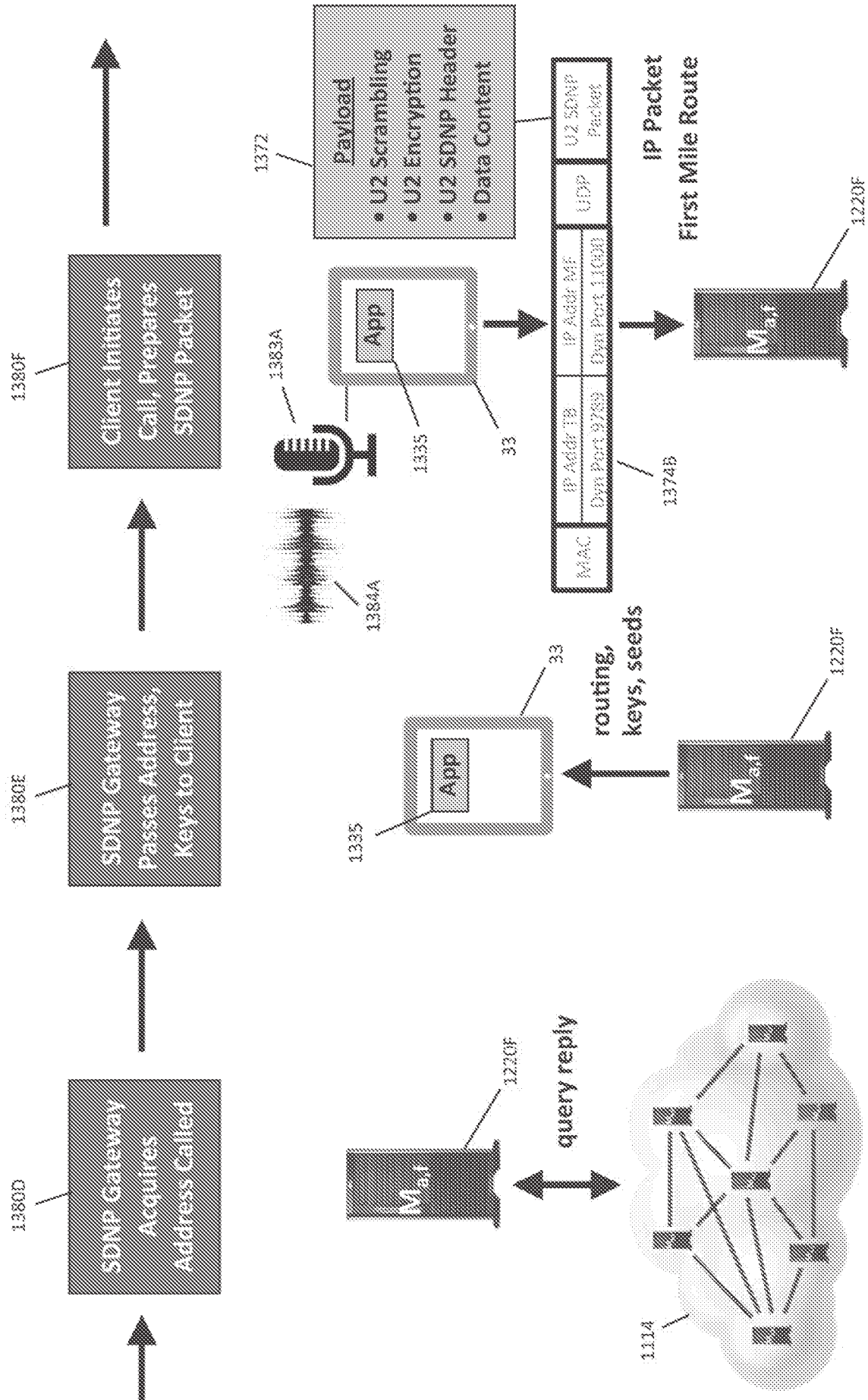


Figure 110B

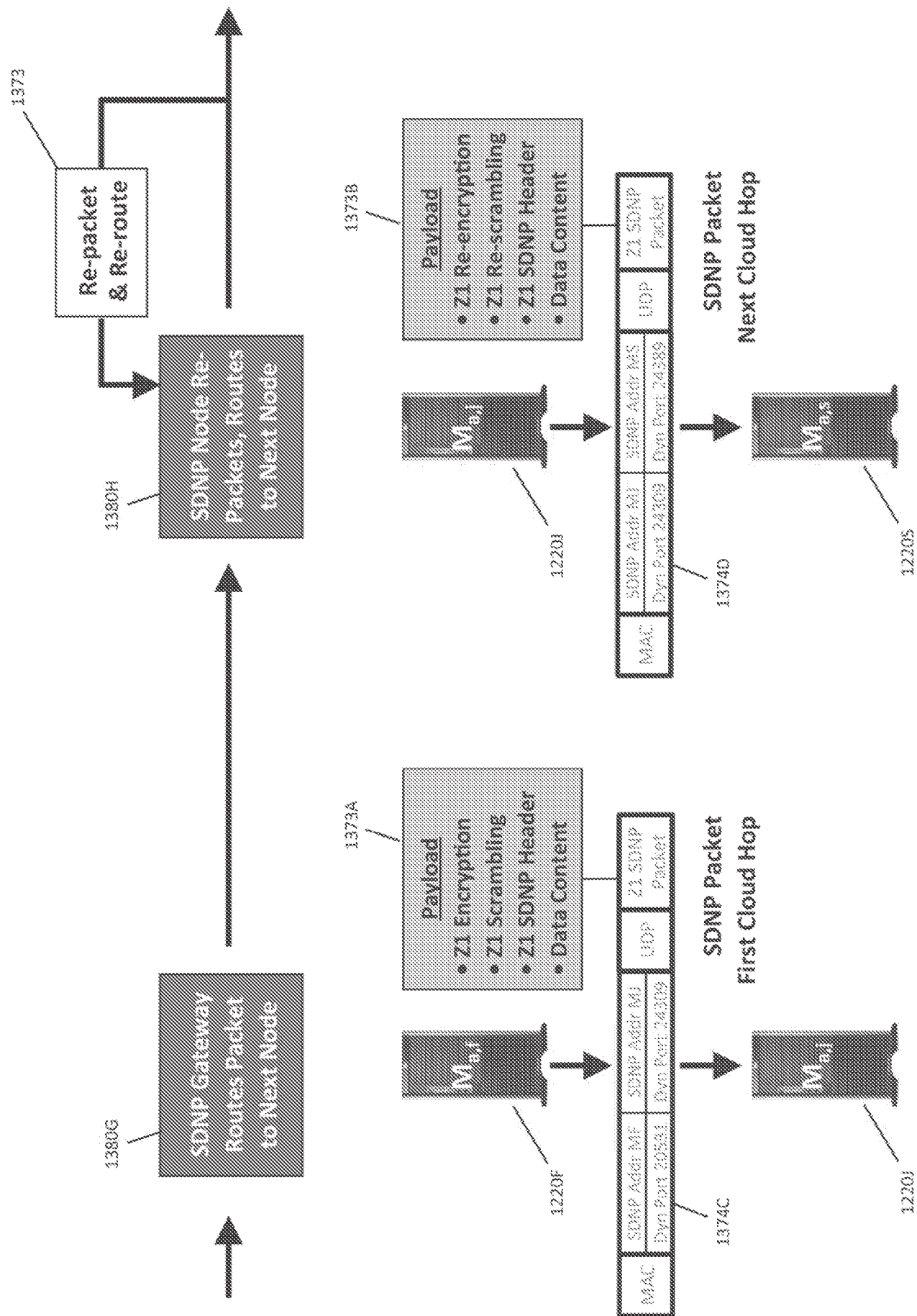


Figure 110C

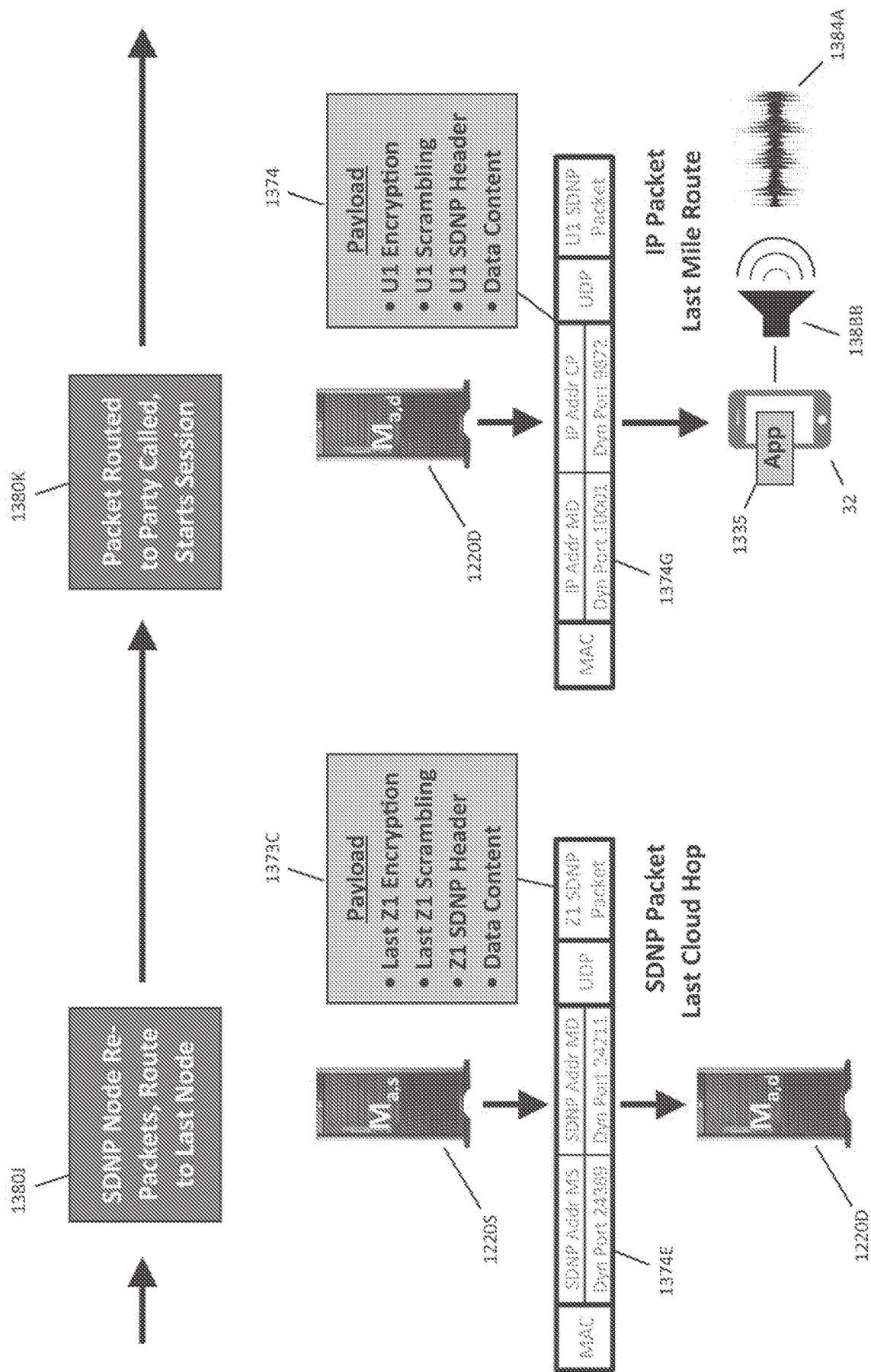


Figure 110D

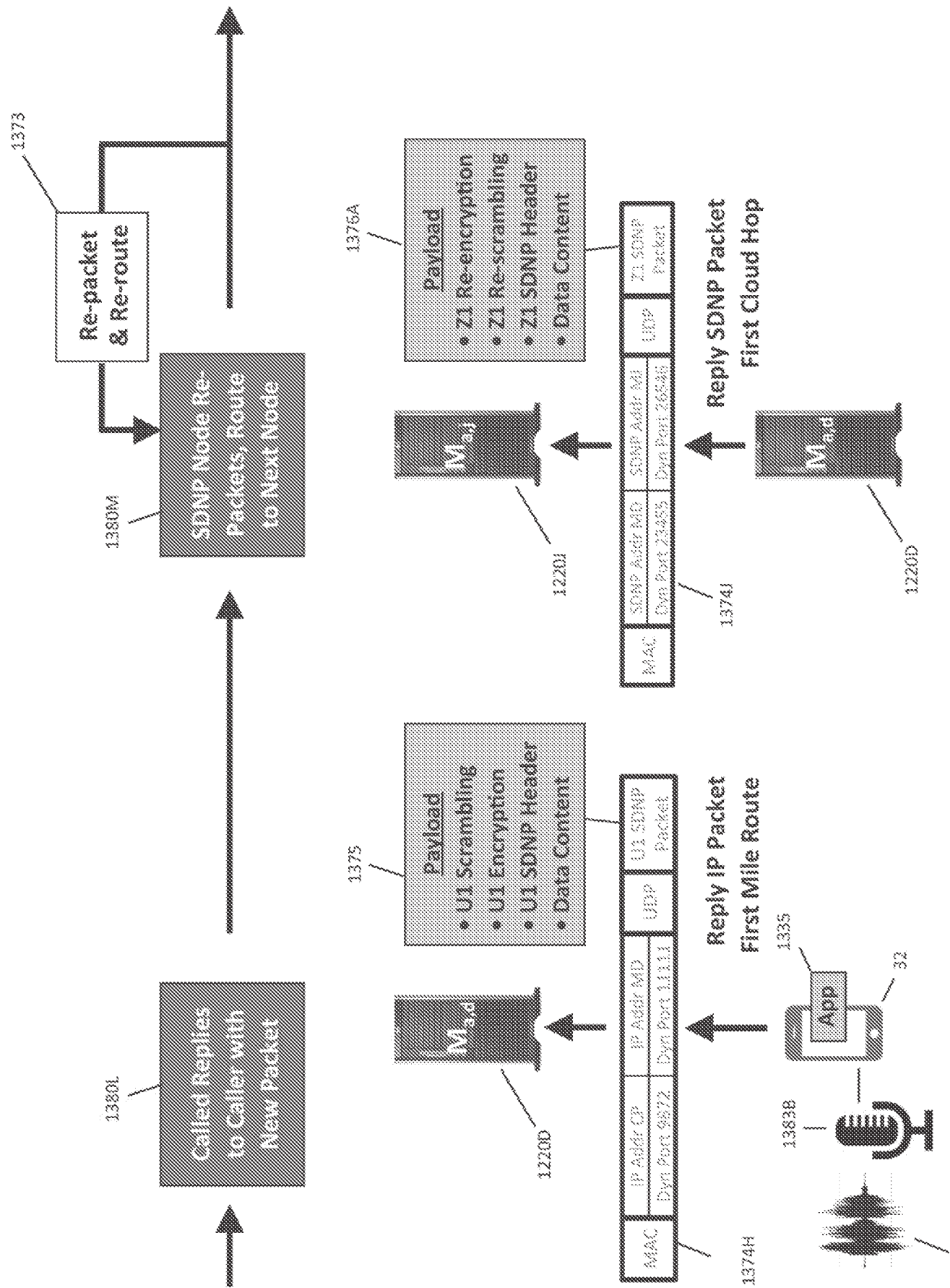


Figure 110E

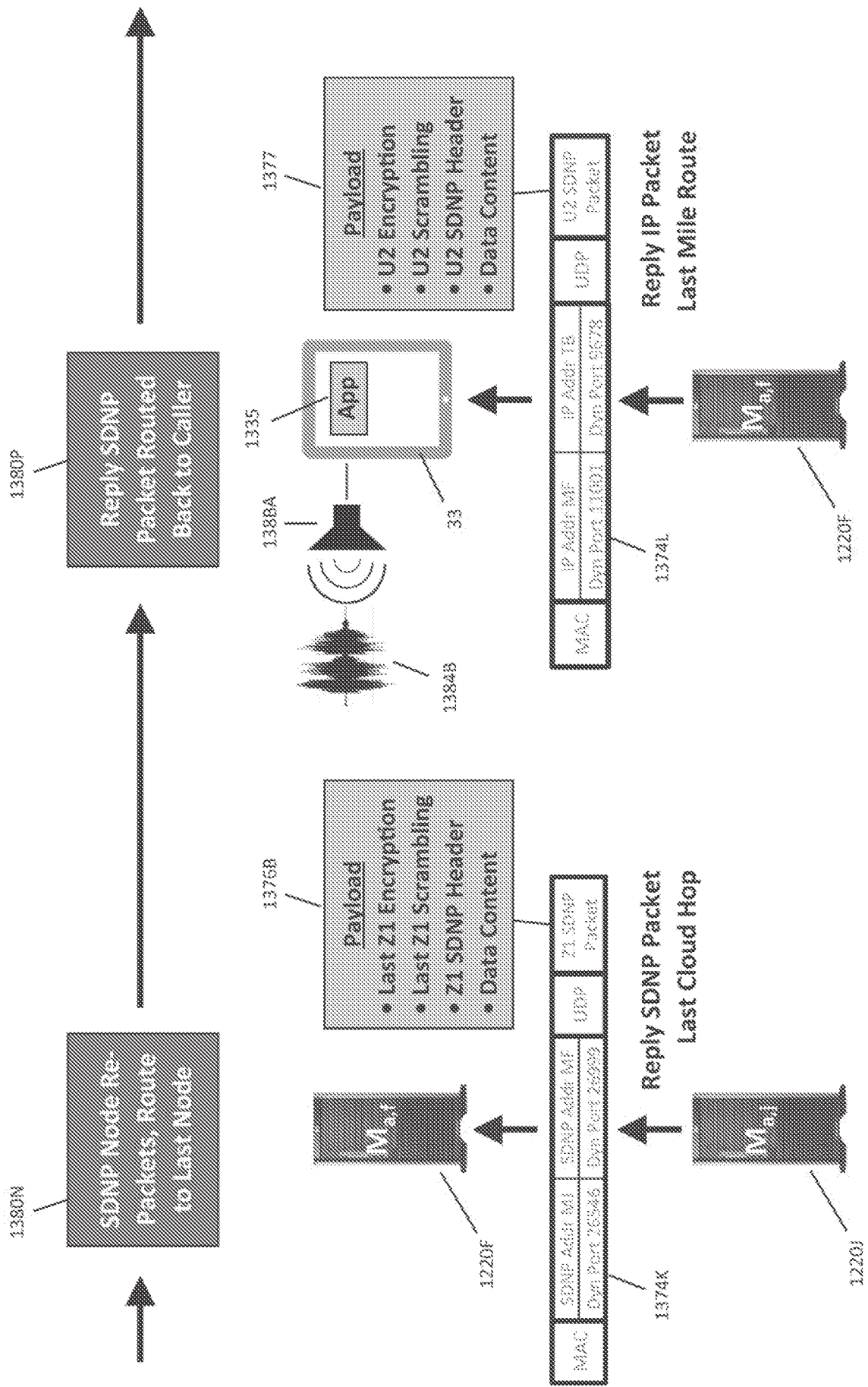


Figure 110F

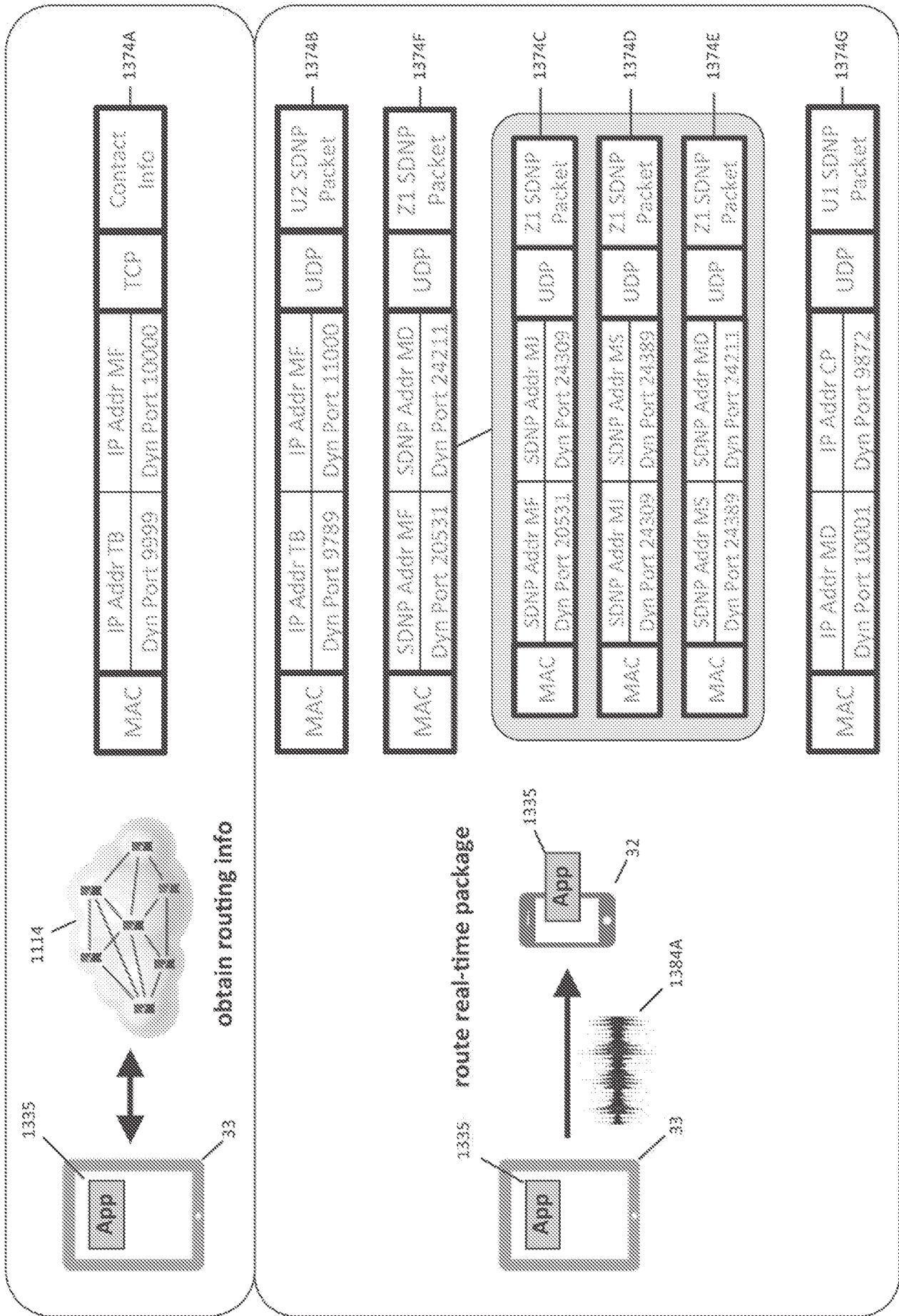


Figure 111A

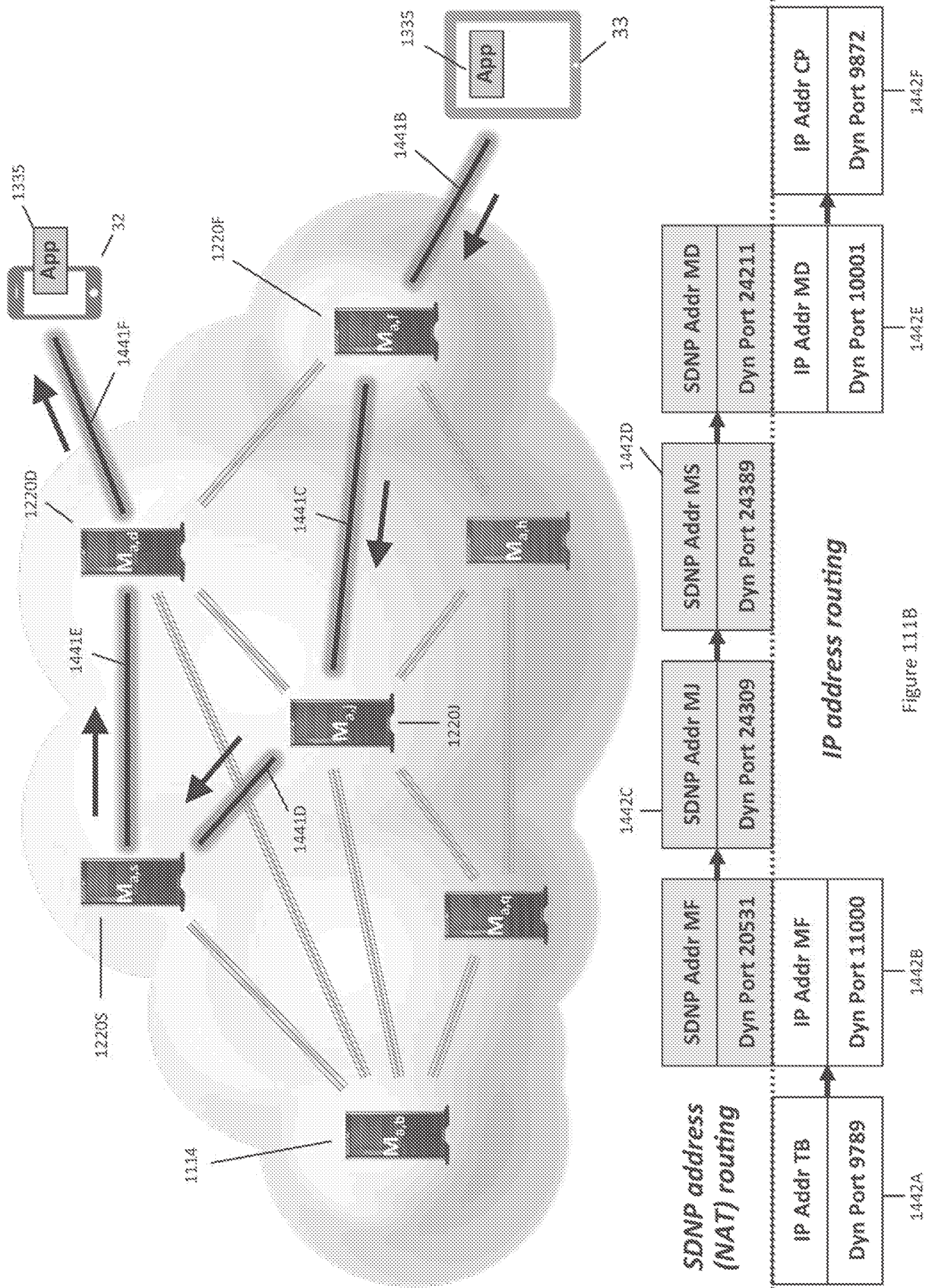


Figure 111B

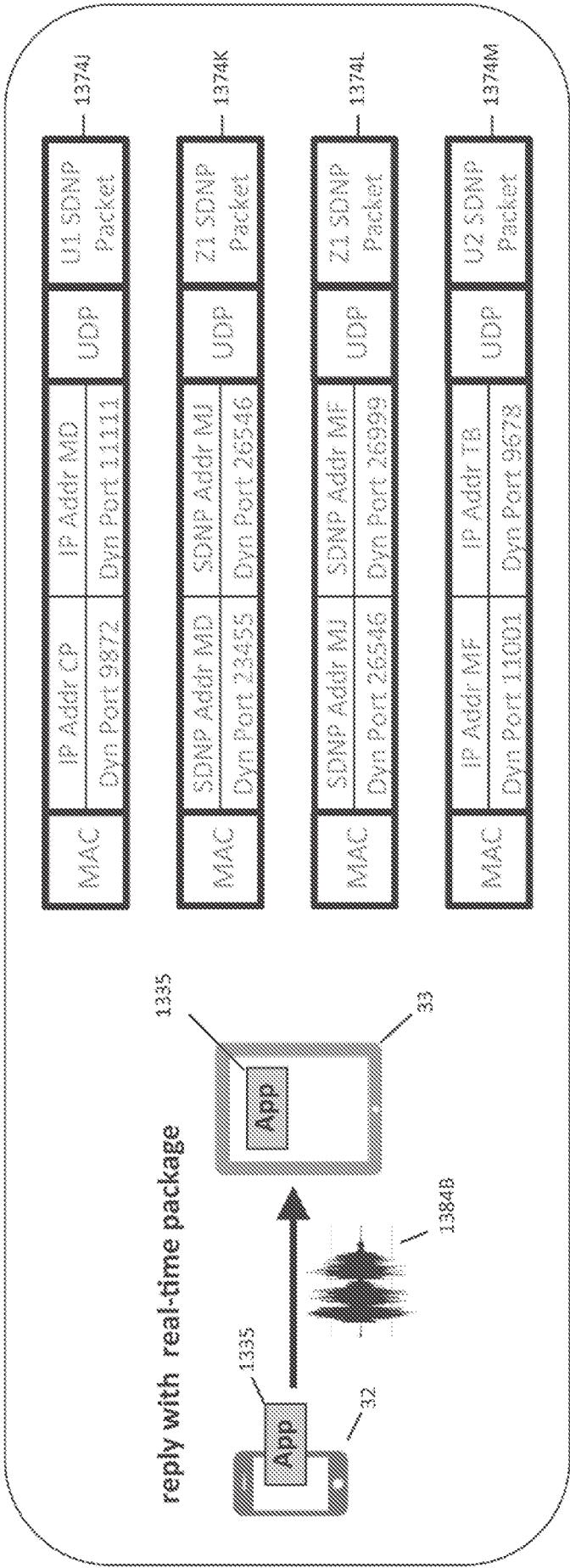


Figure 112A

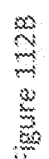
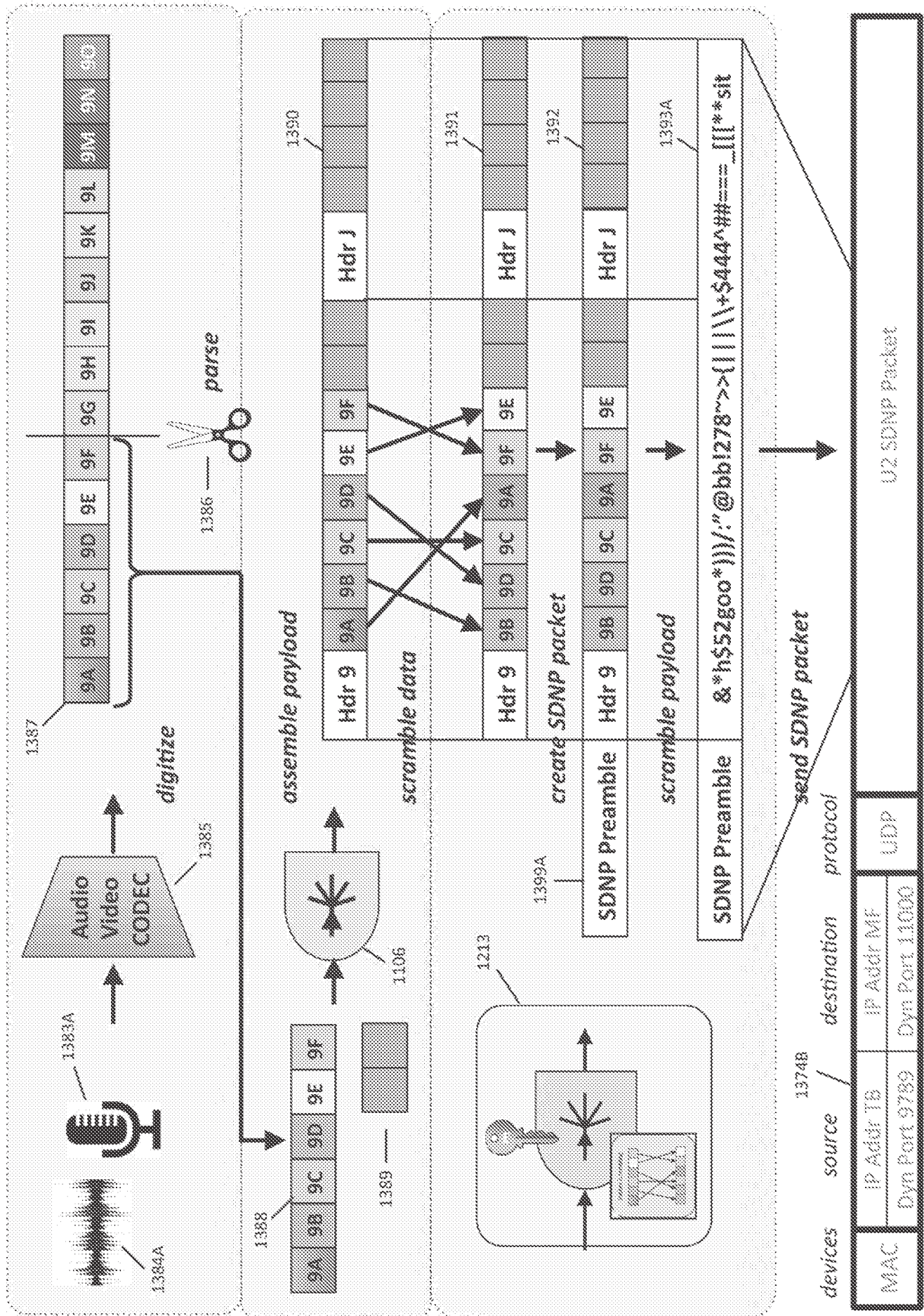


Figure 128



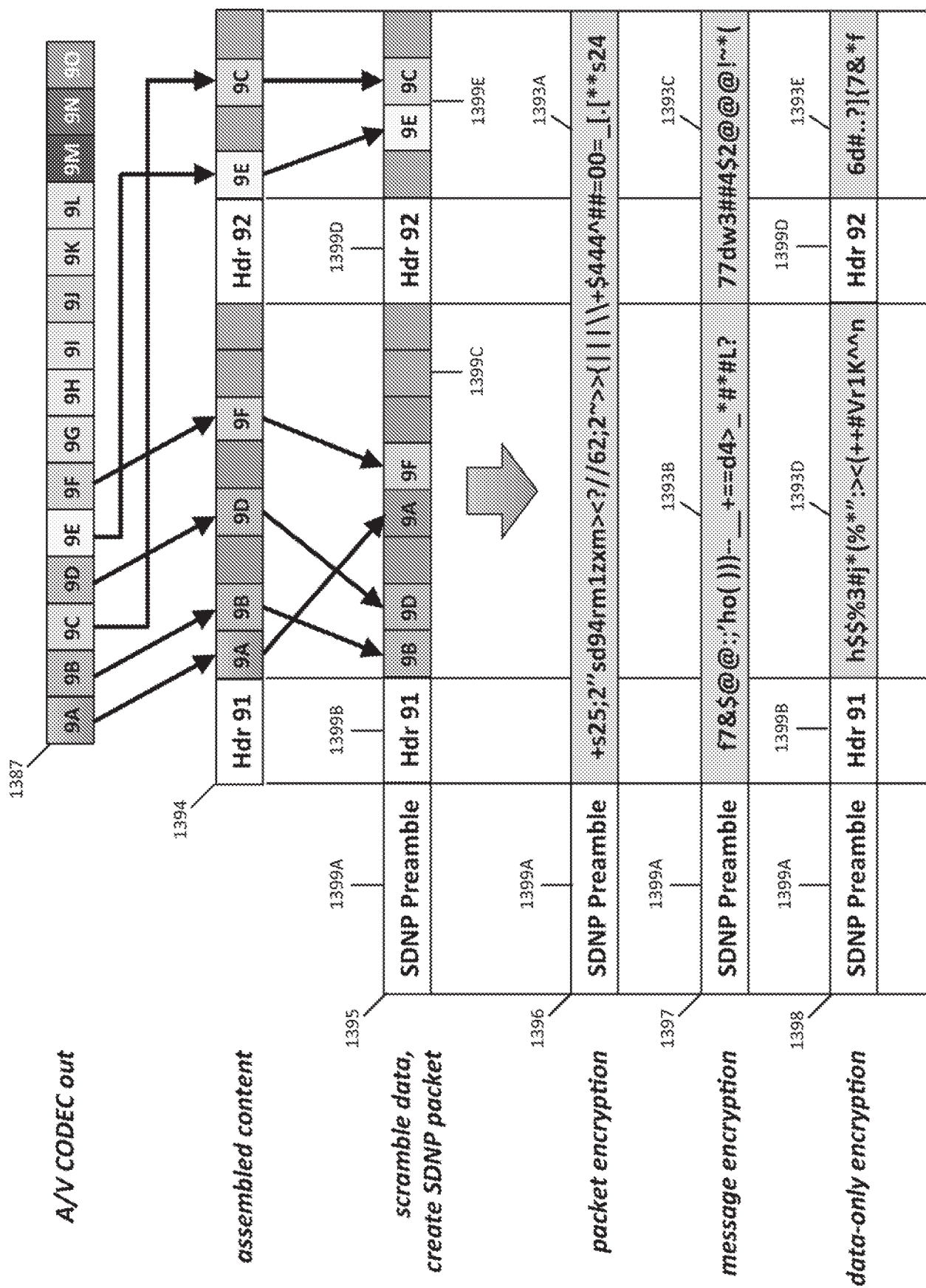


Figure 113B

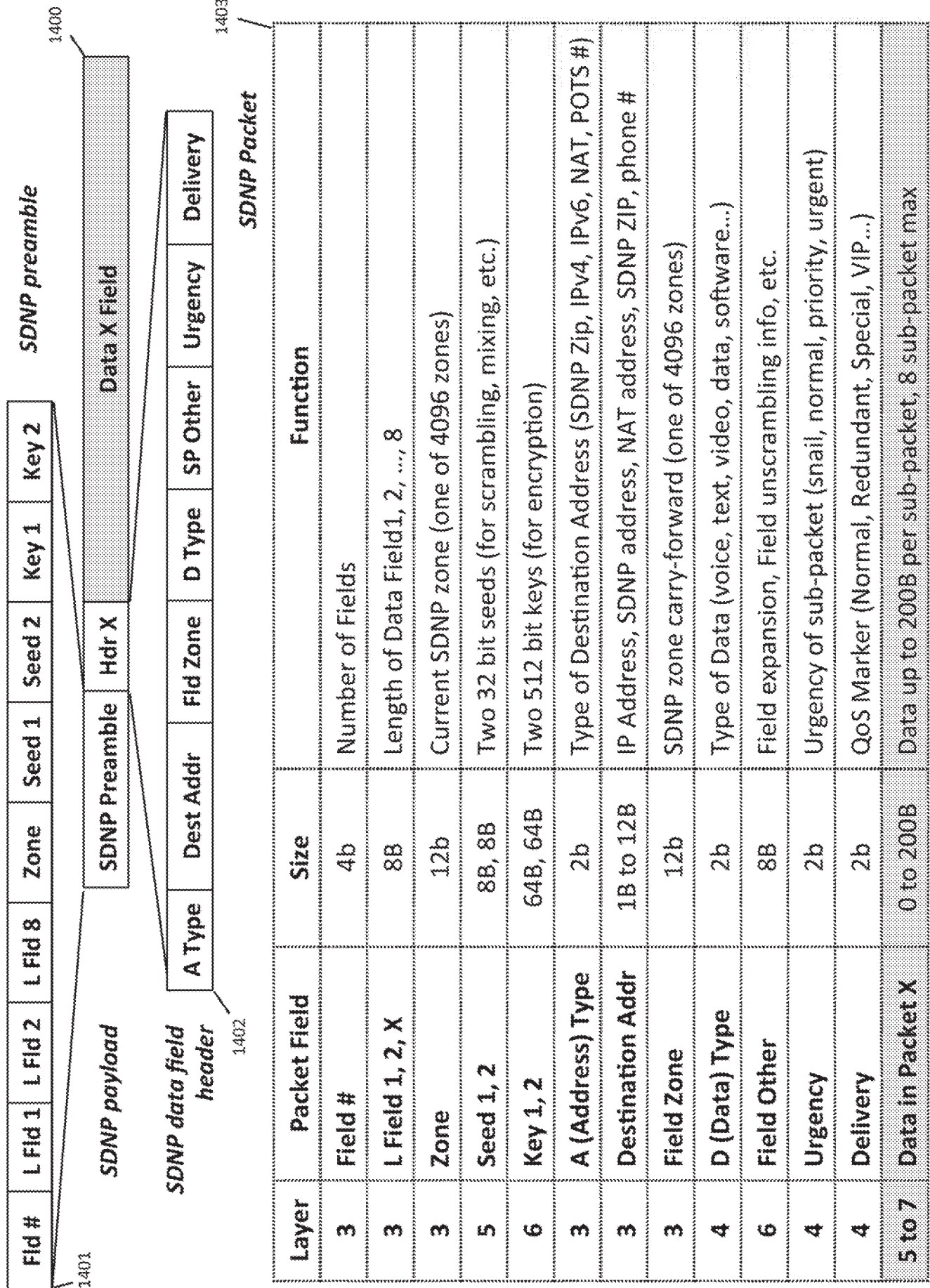


Figure 114

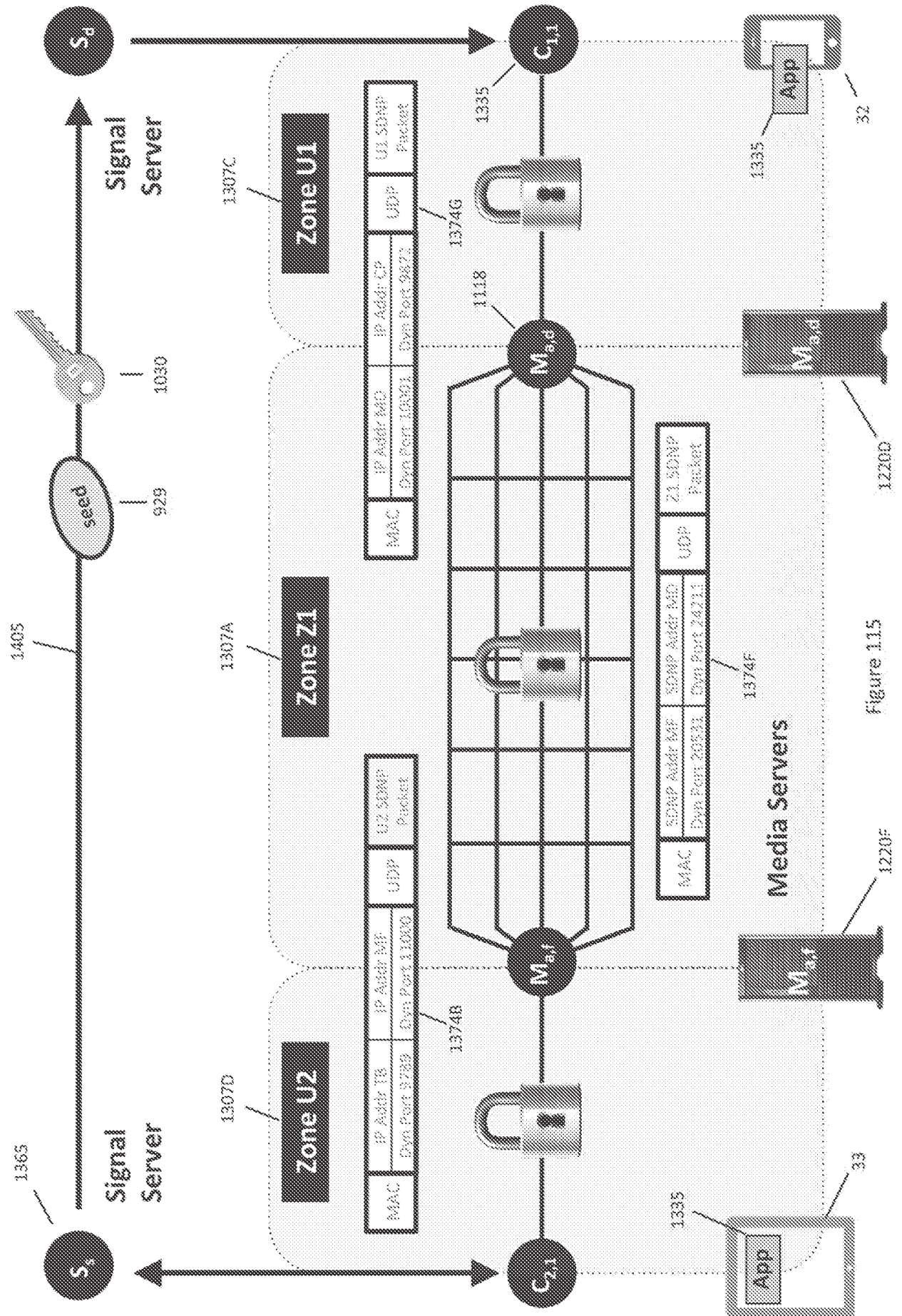


Figure 115

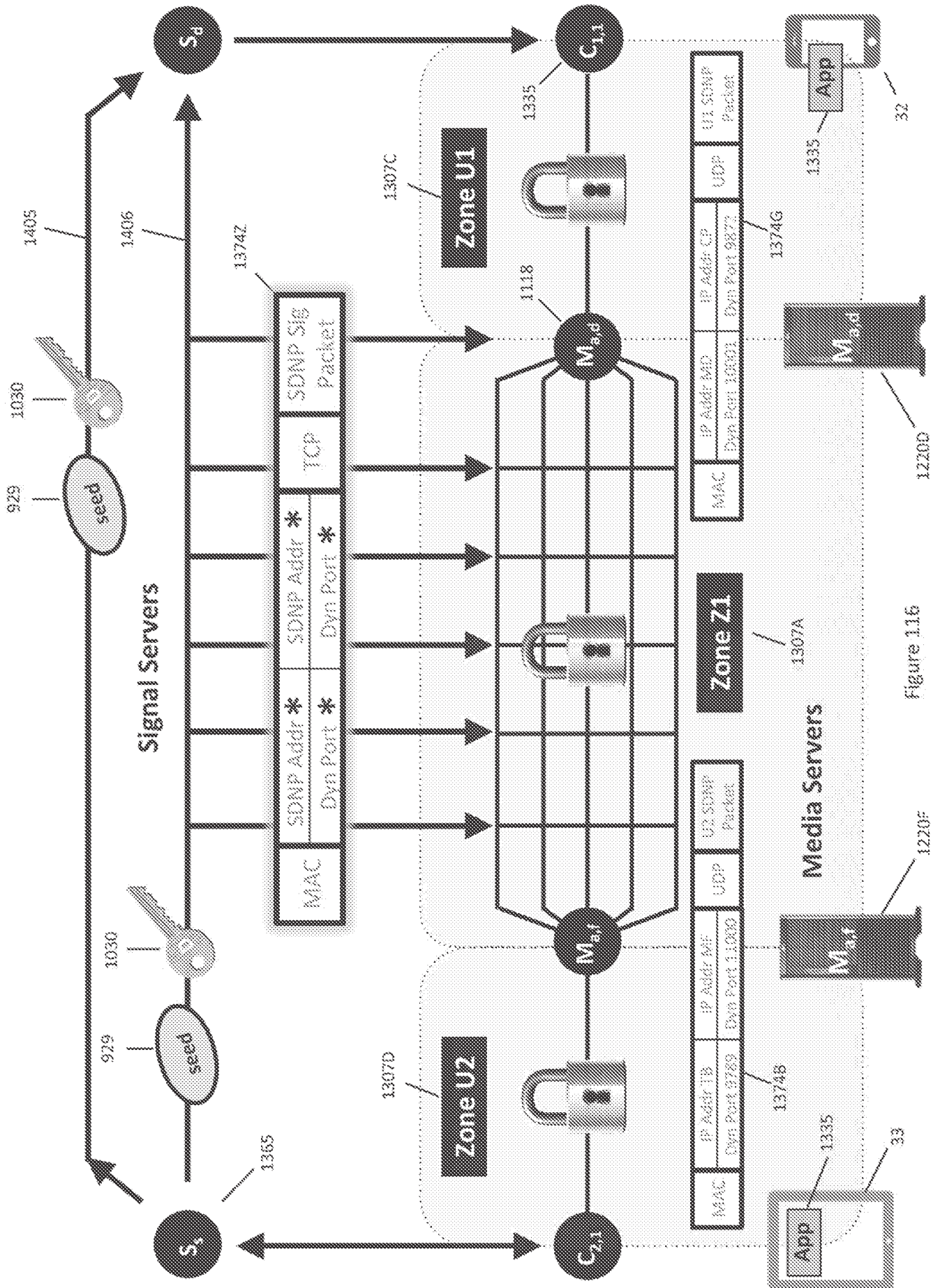


Figure 116

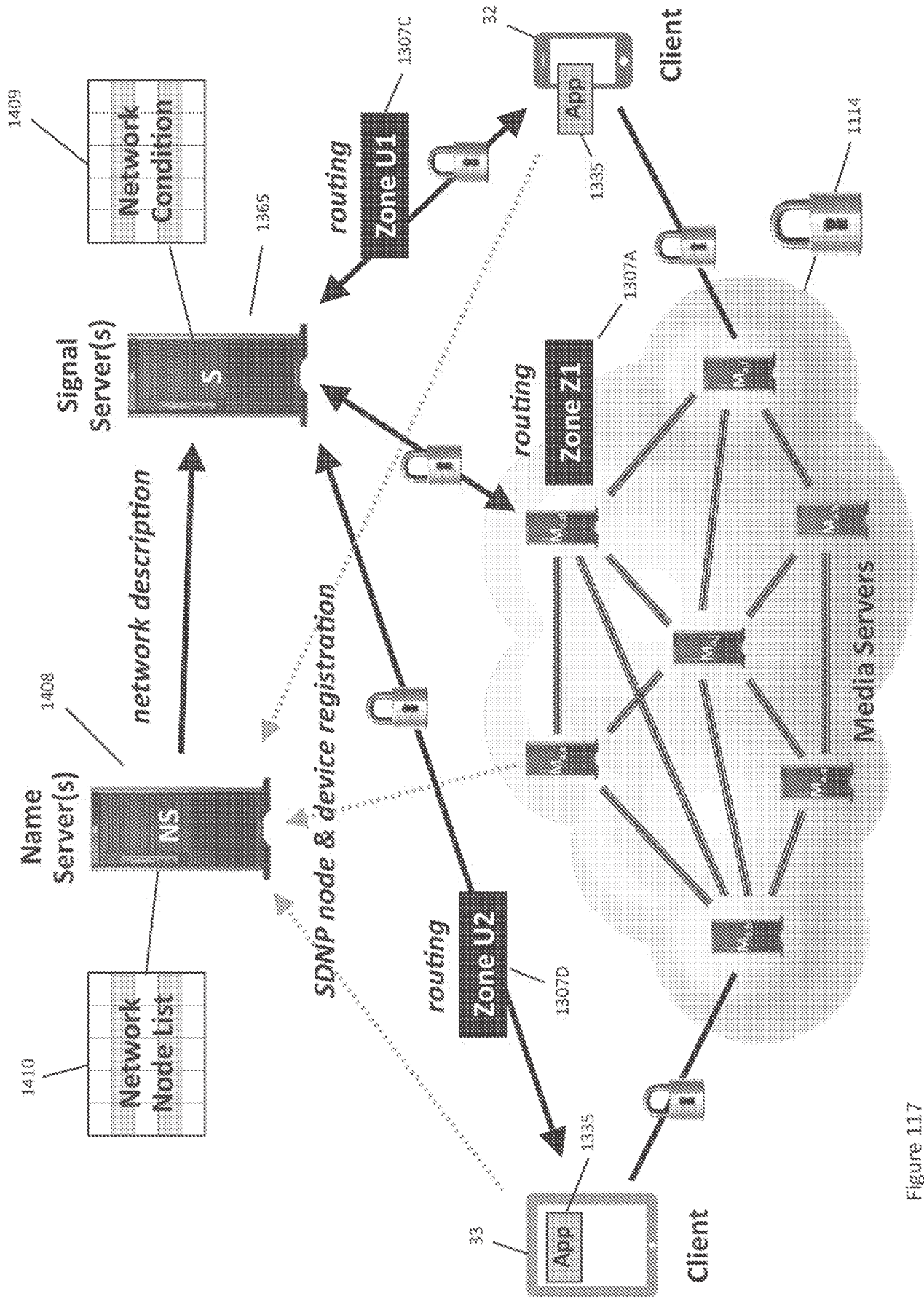


Figure 117

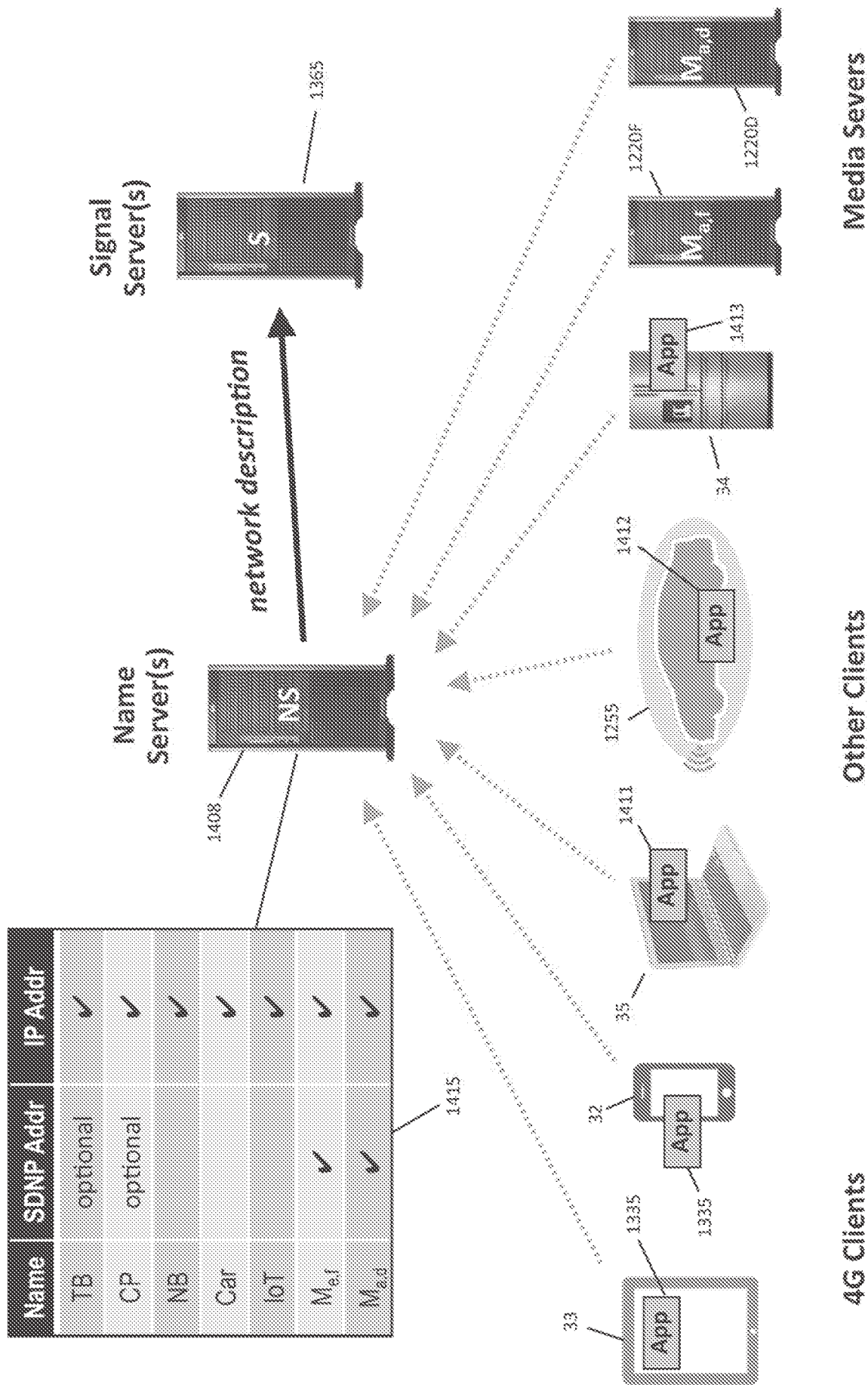


Figure 118

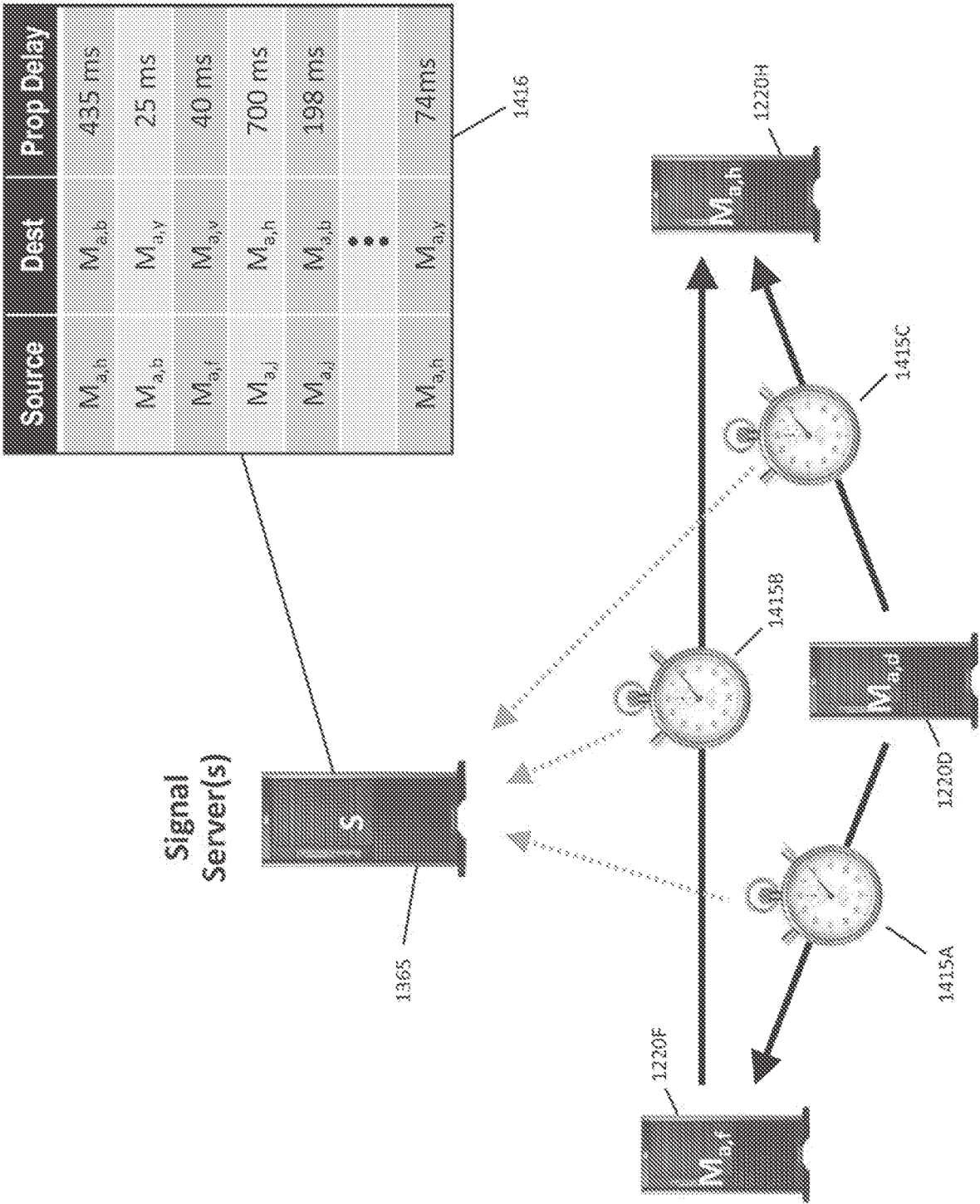
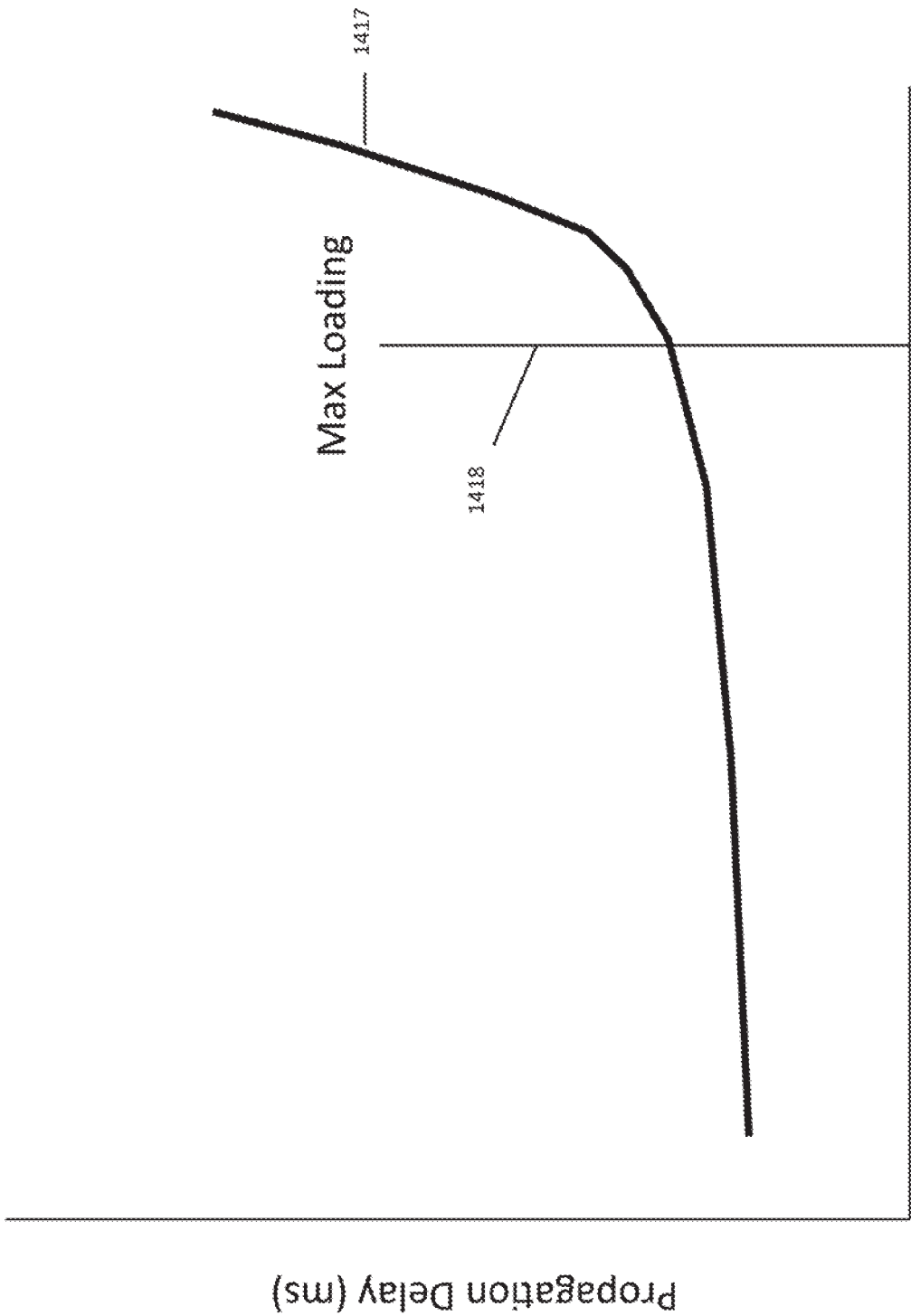
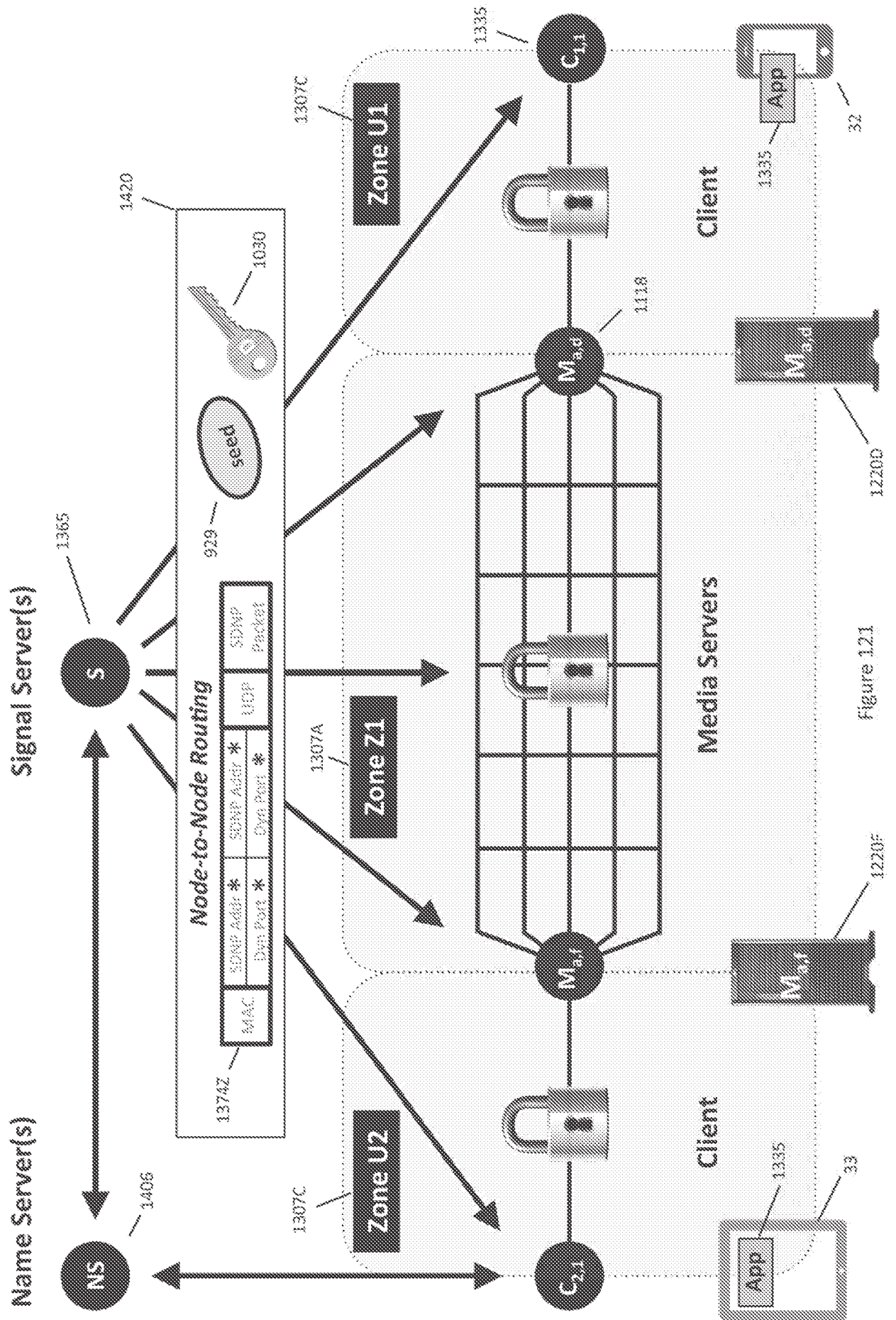


Figure 119



Number or Size of Test Packets Sent

Figure 120



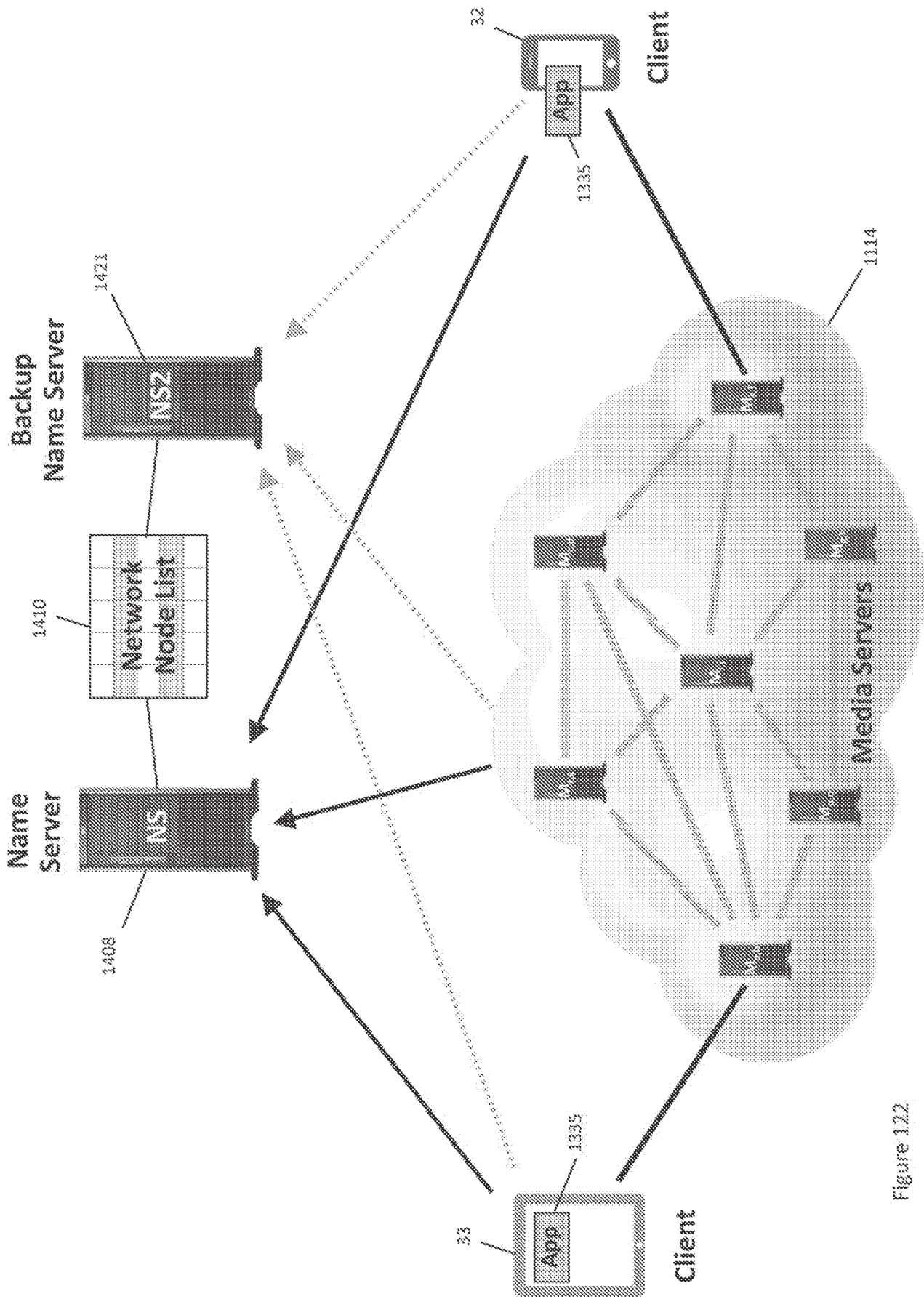


Figure 122

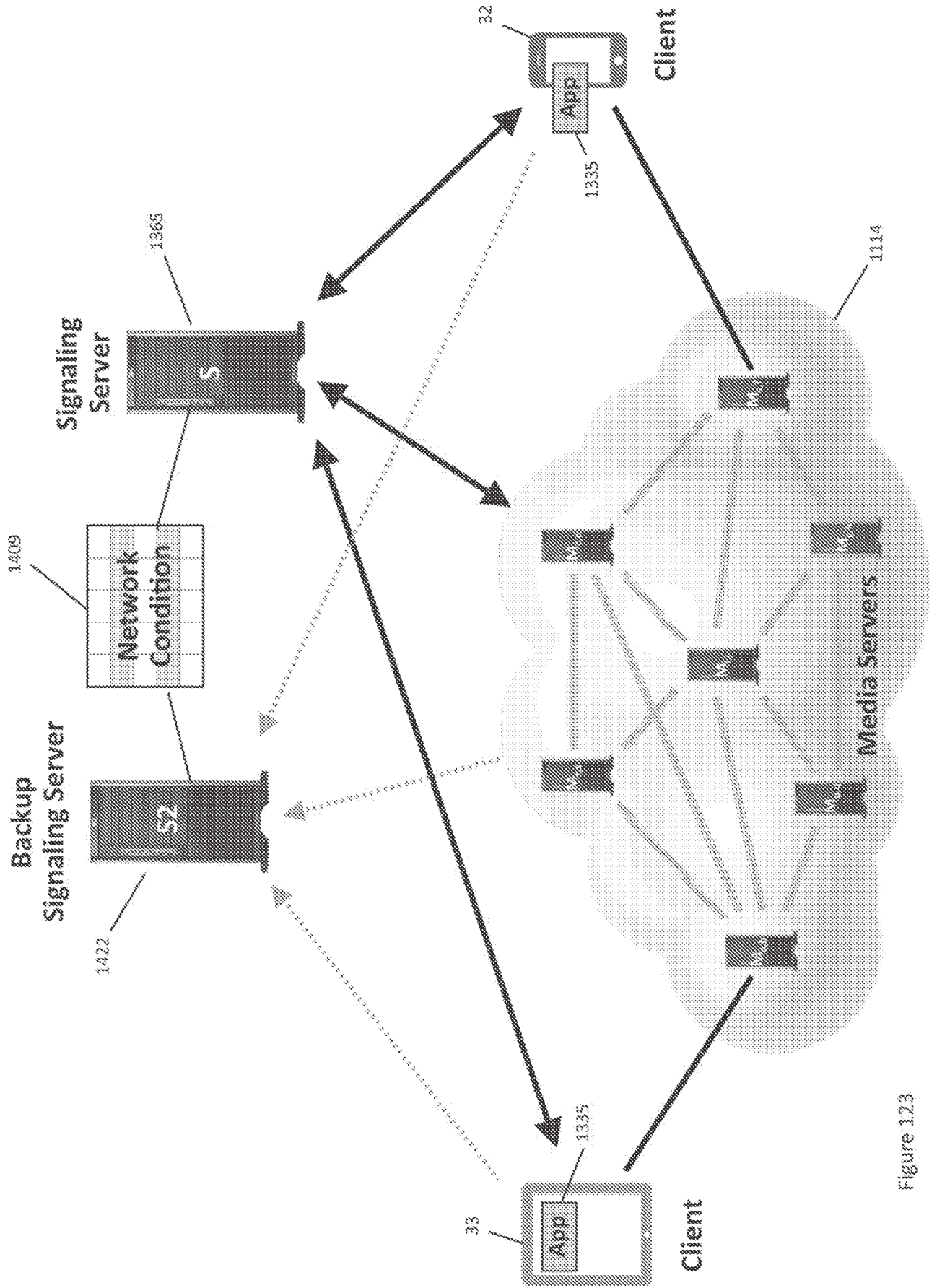


Figure 123

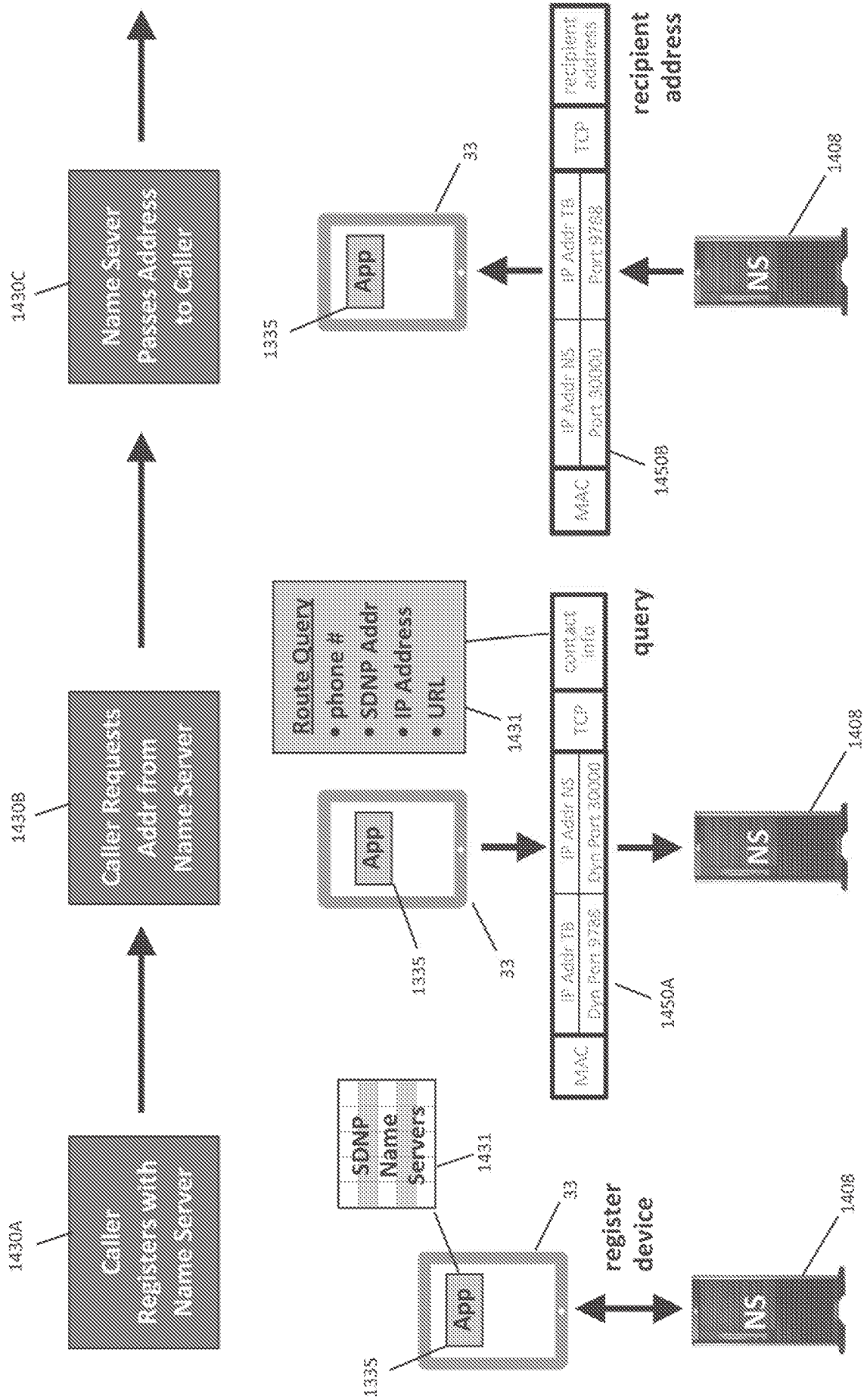


Figure 124A

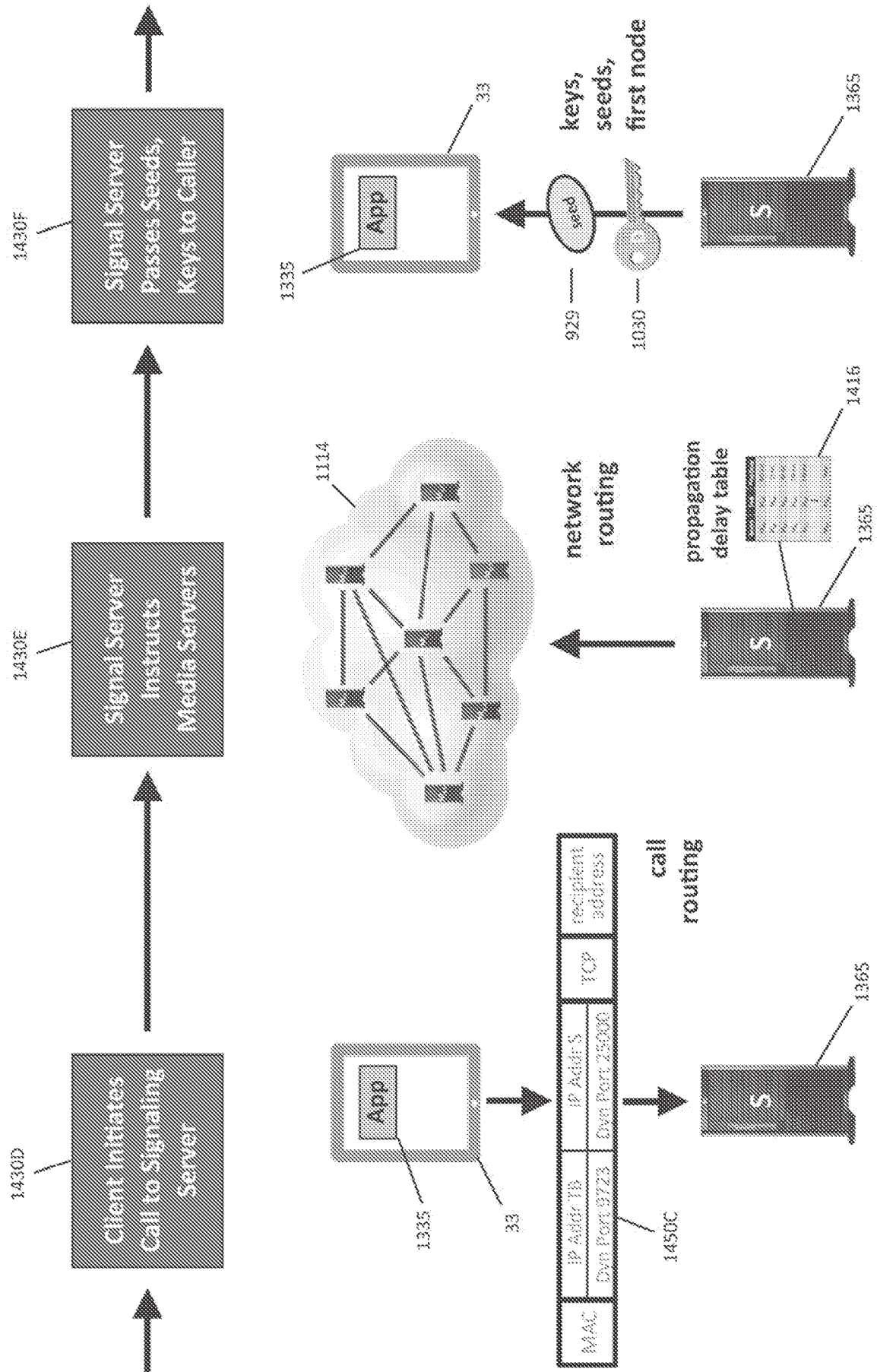


Figure 124B

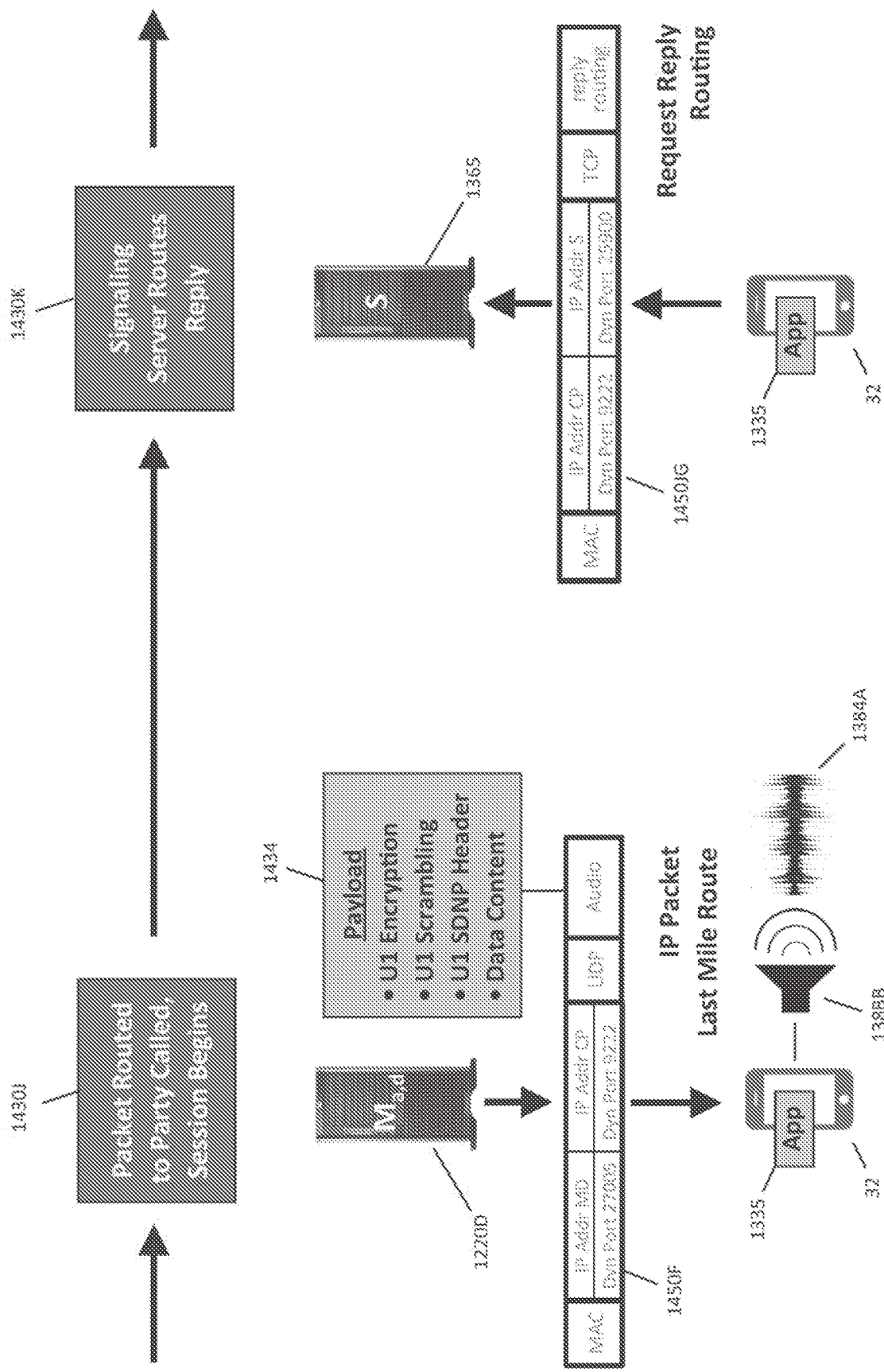


Figure 124D

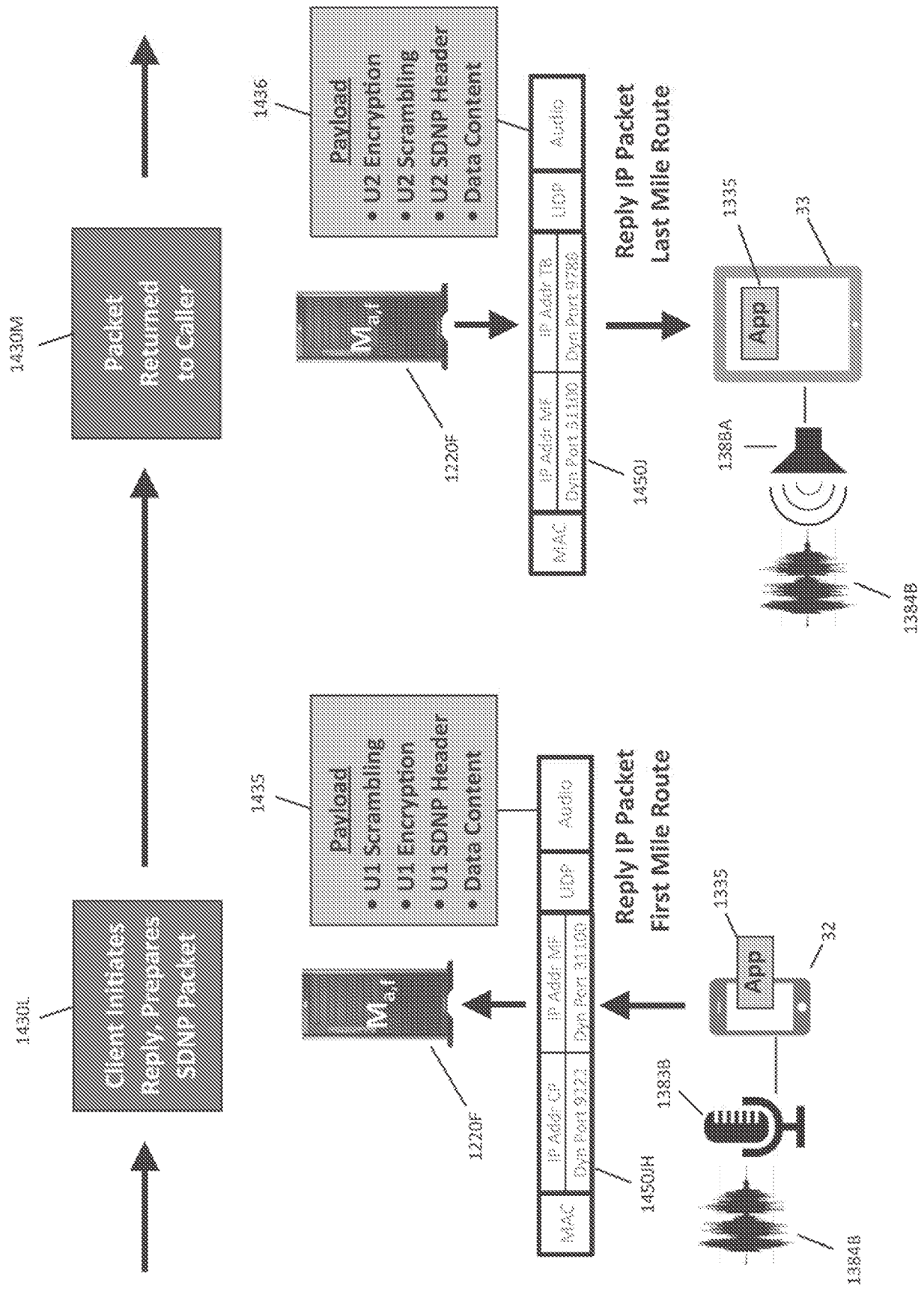


Figure 124E

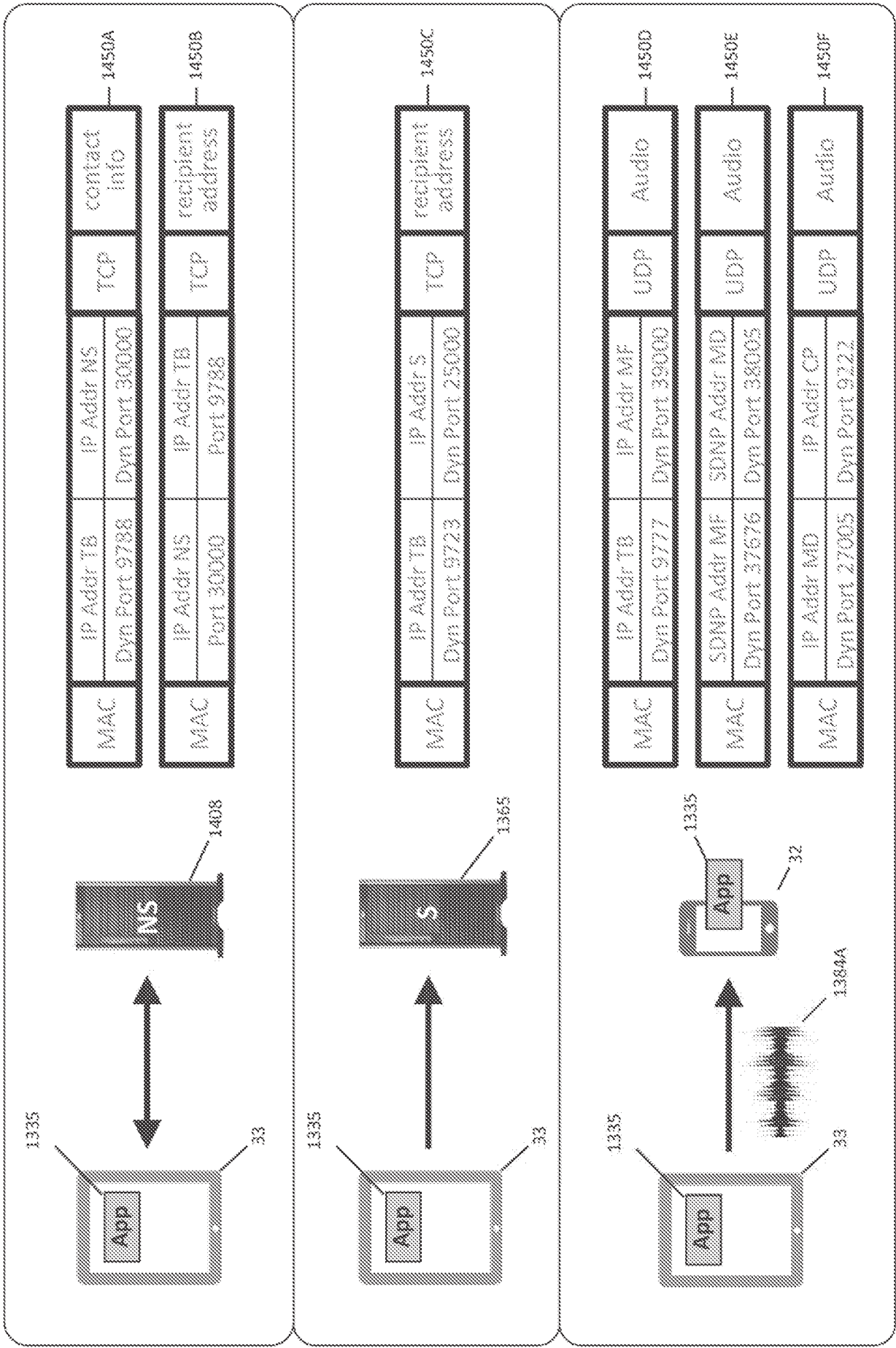


Figure 125A

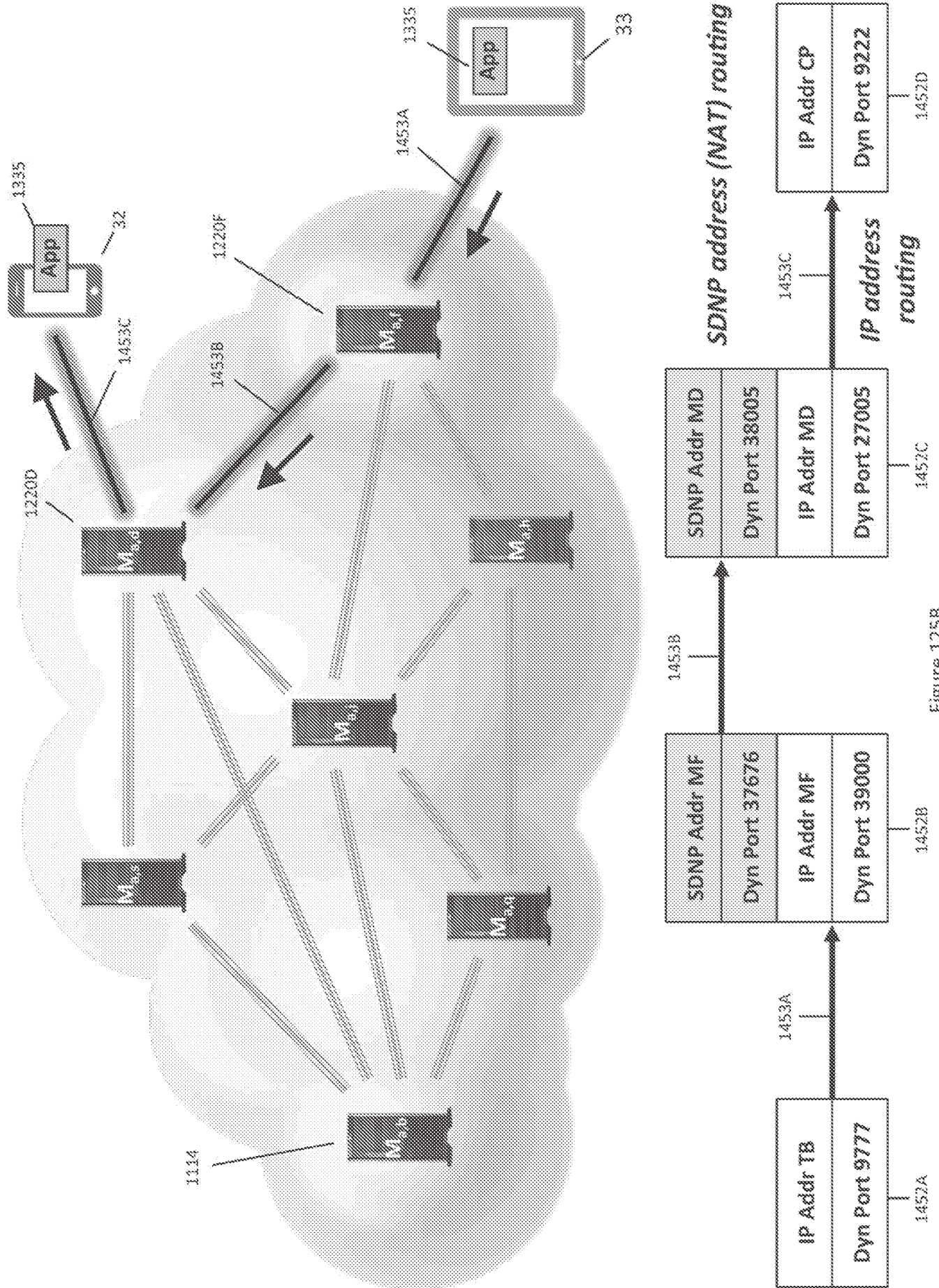


Figure 125B

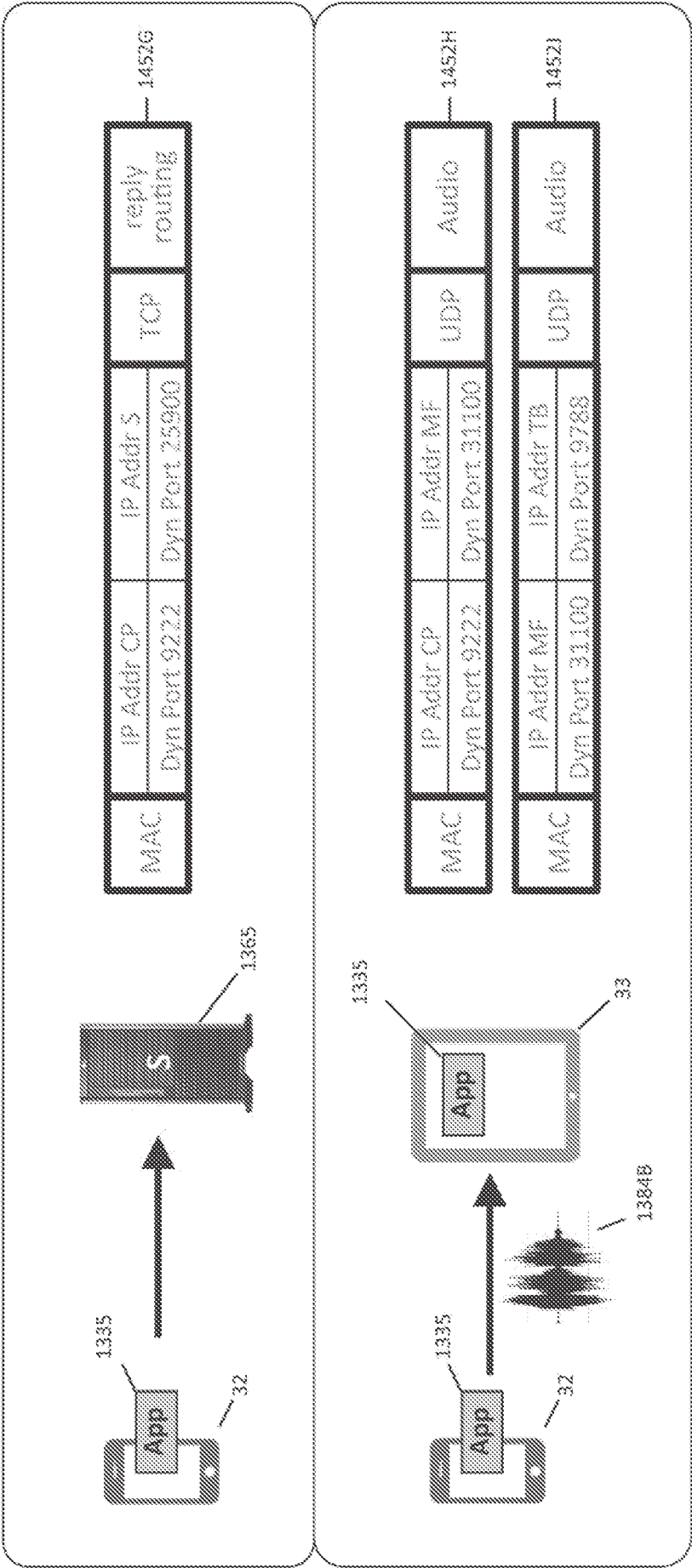
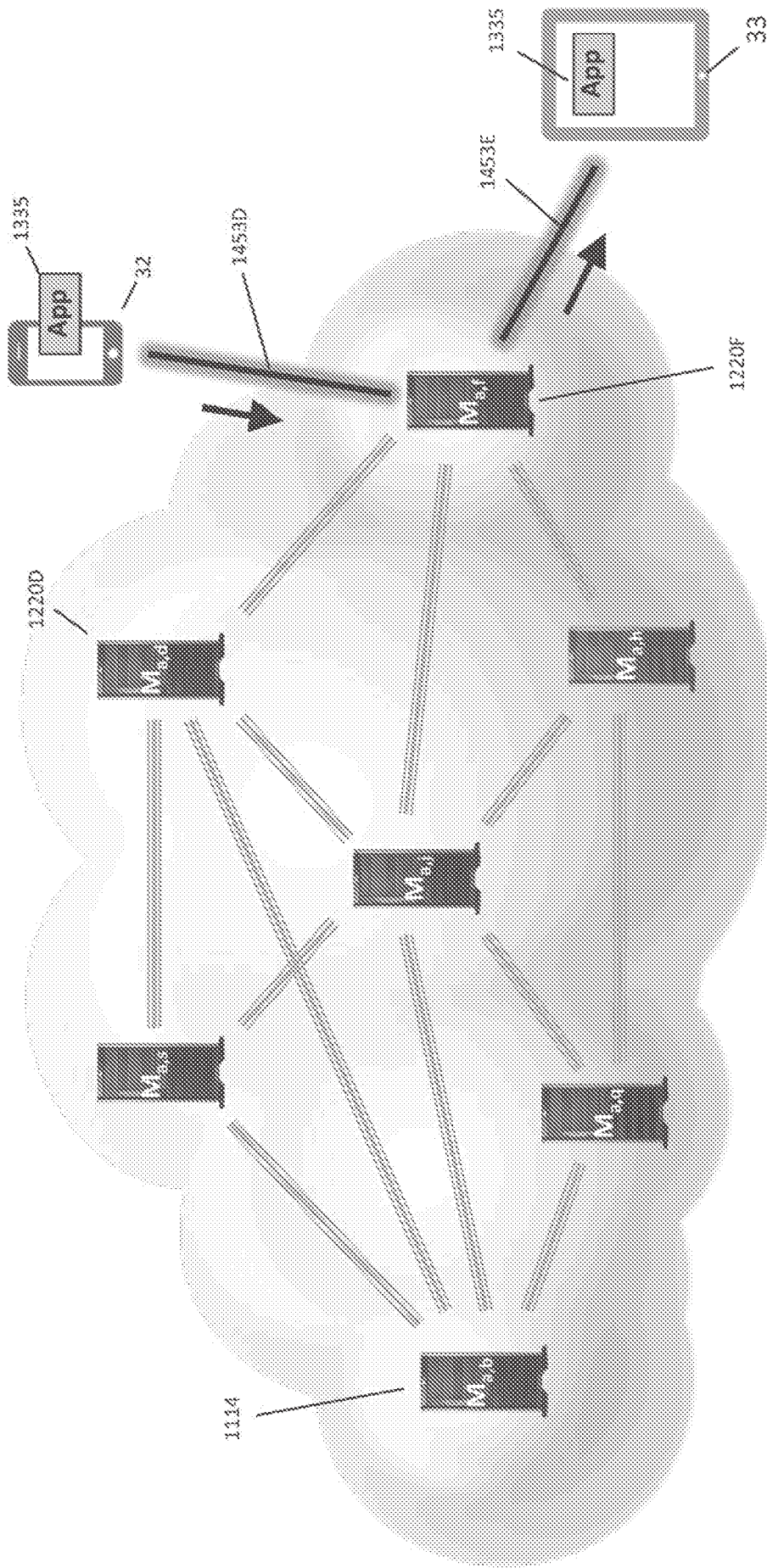


Figure 126A



IP address only routing

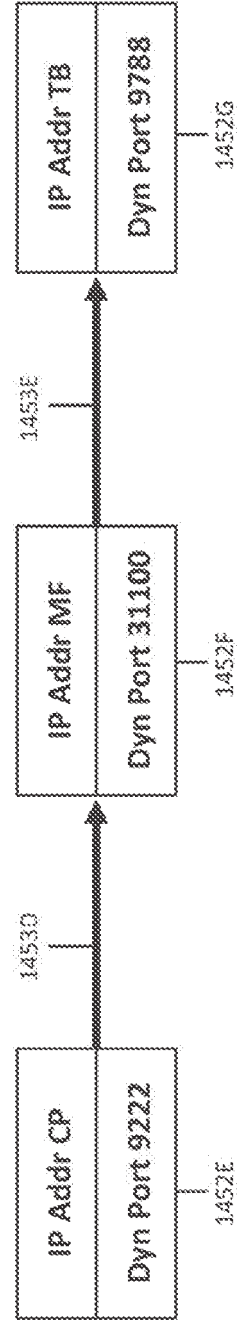
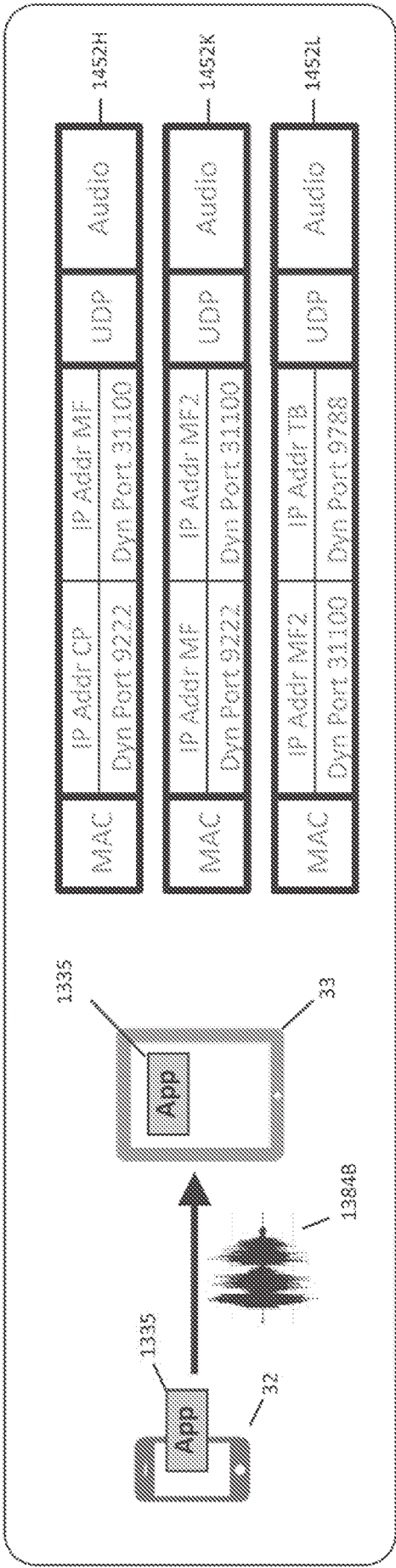


Figure 126B



translated IP address routing (using backup server)

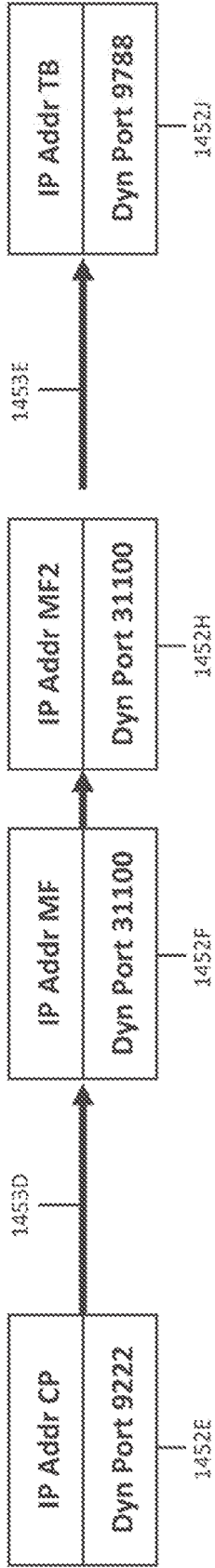
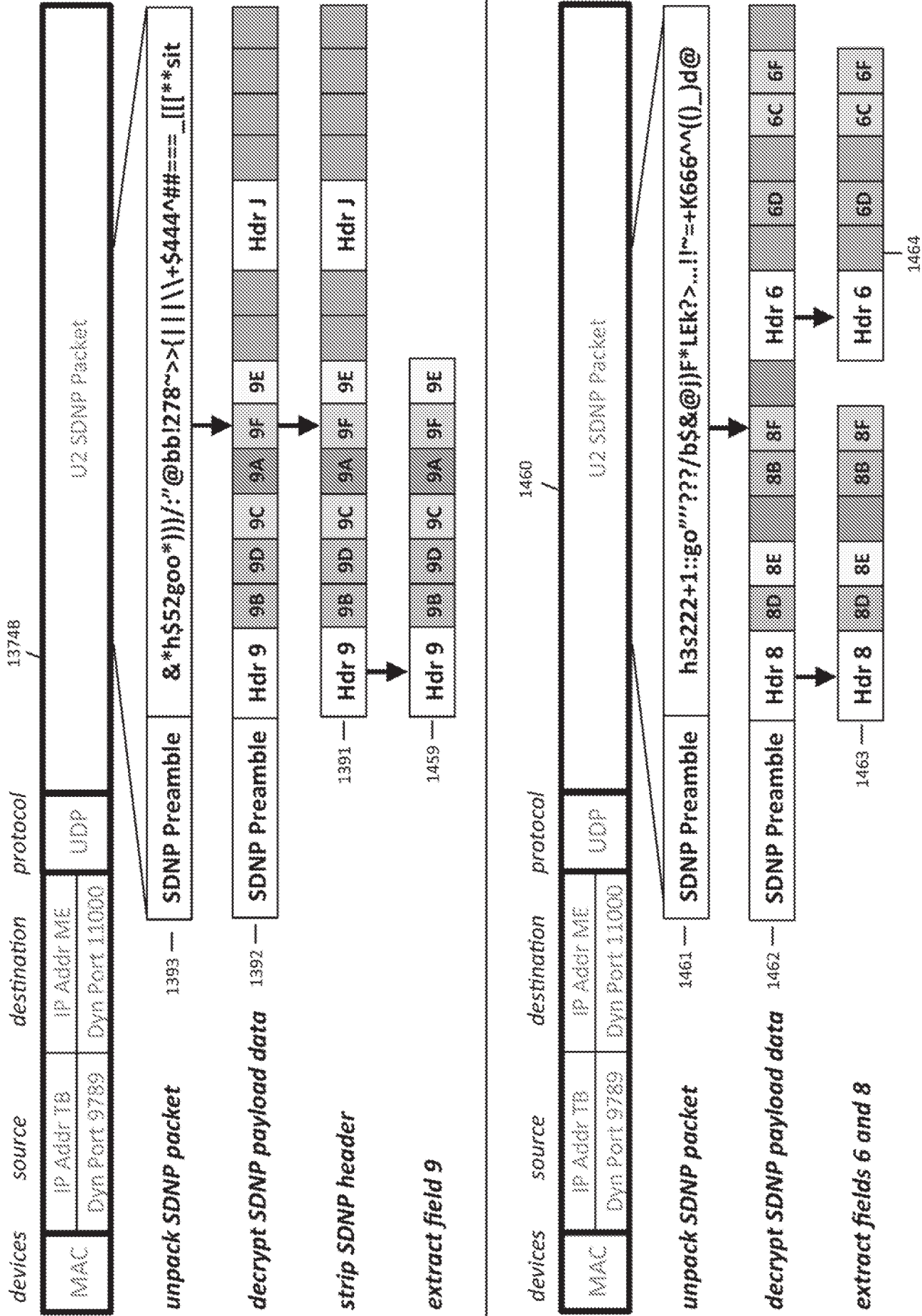


Figure 126C



devices

source

destination

protocol

1460

MAC	IP Addr TB	IP Addr ME	UDP
	Dyn Port 9789	Dyn Port 11000	

U2 SDNP Packet

unpack SDNP packet

1461

SDNP Preamble

h3s222+1::go""??/b\$&@)F*LEk?>...!~+=K666^^(*)_d@

decrypt SDNP payload data

1462

SDNP Preamble

Hdr 8

8D

8E

8B

8F

Hdr 6

6D

6C

6F

extract fields 6 and 8

1463

Hdr 8

8D

8E

8B

8F

Hdr 6

6D

6C

6F

1464

Figure 127

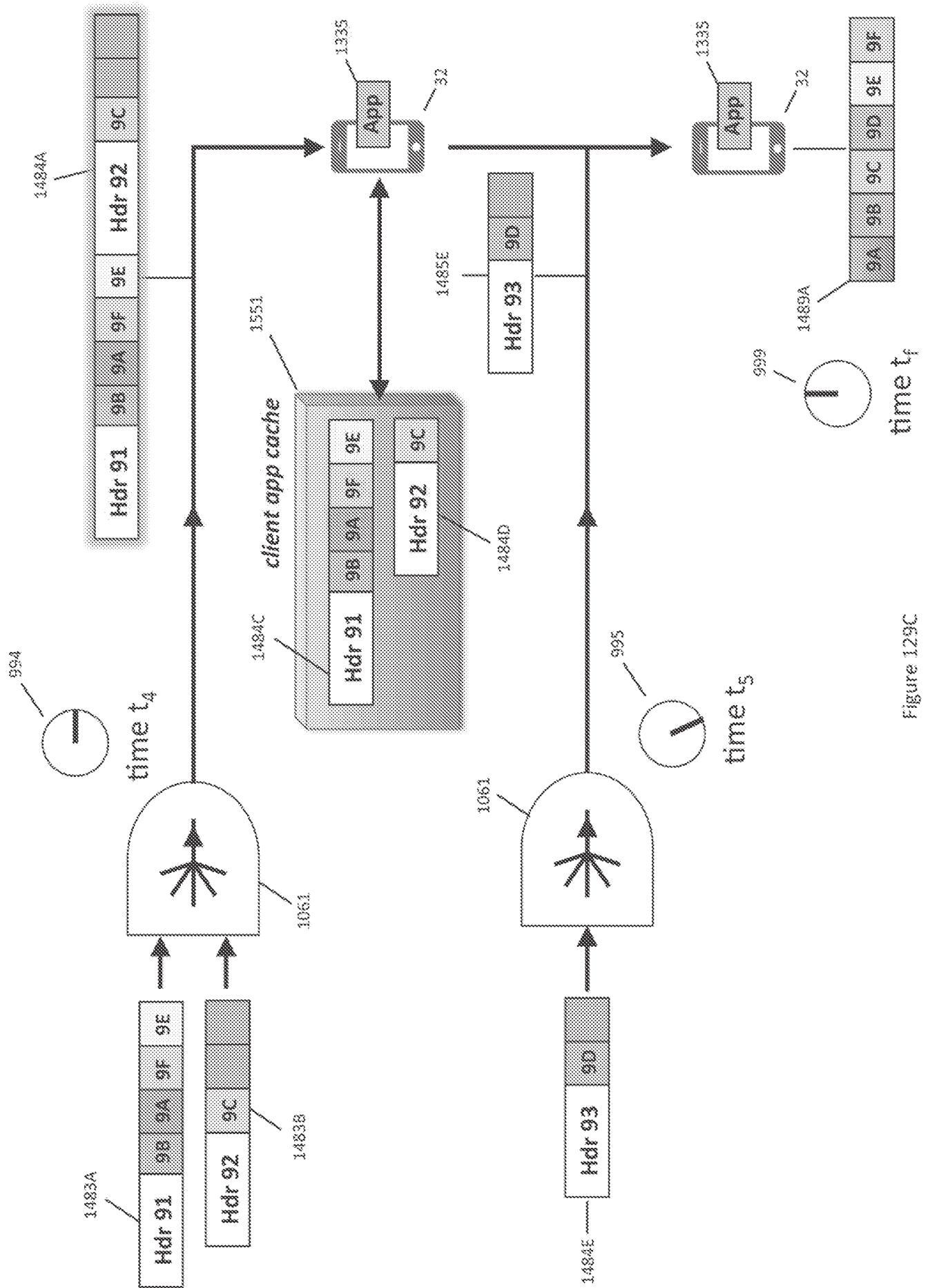


Figure 129C

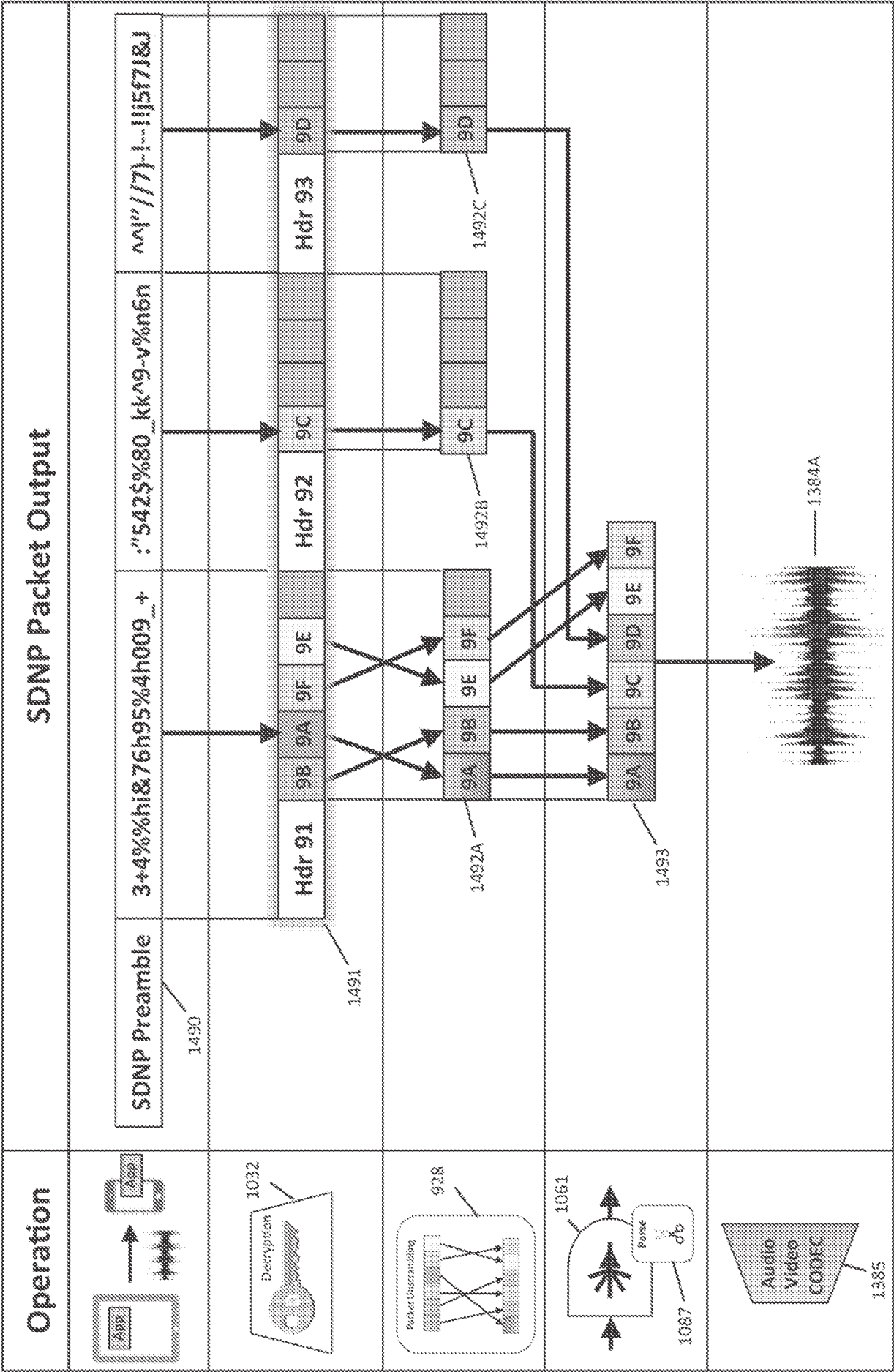


Figure 129D

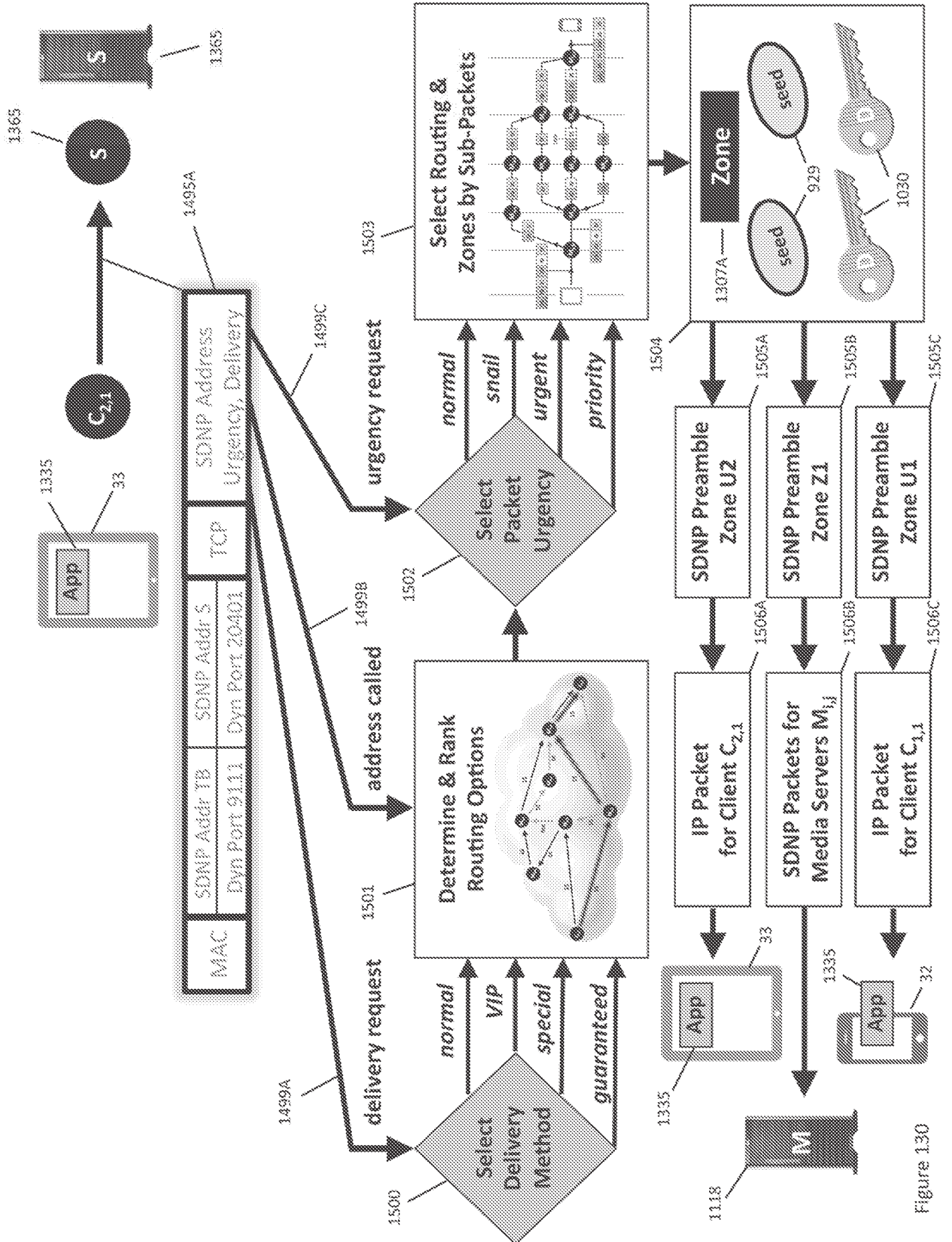


Figure 130

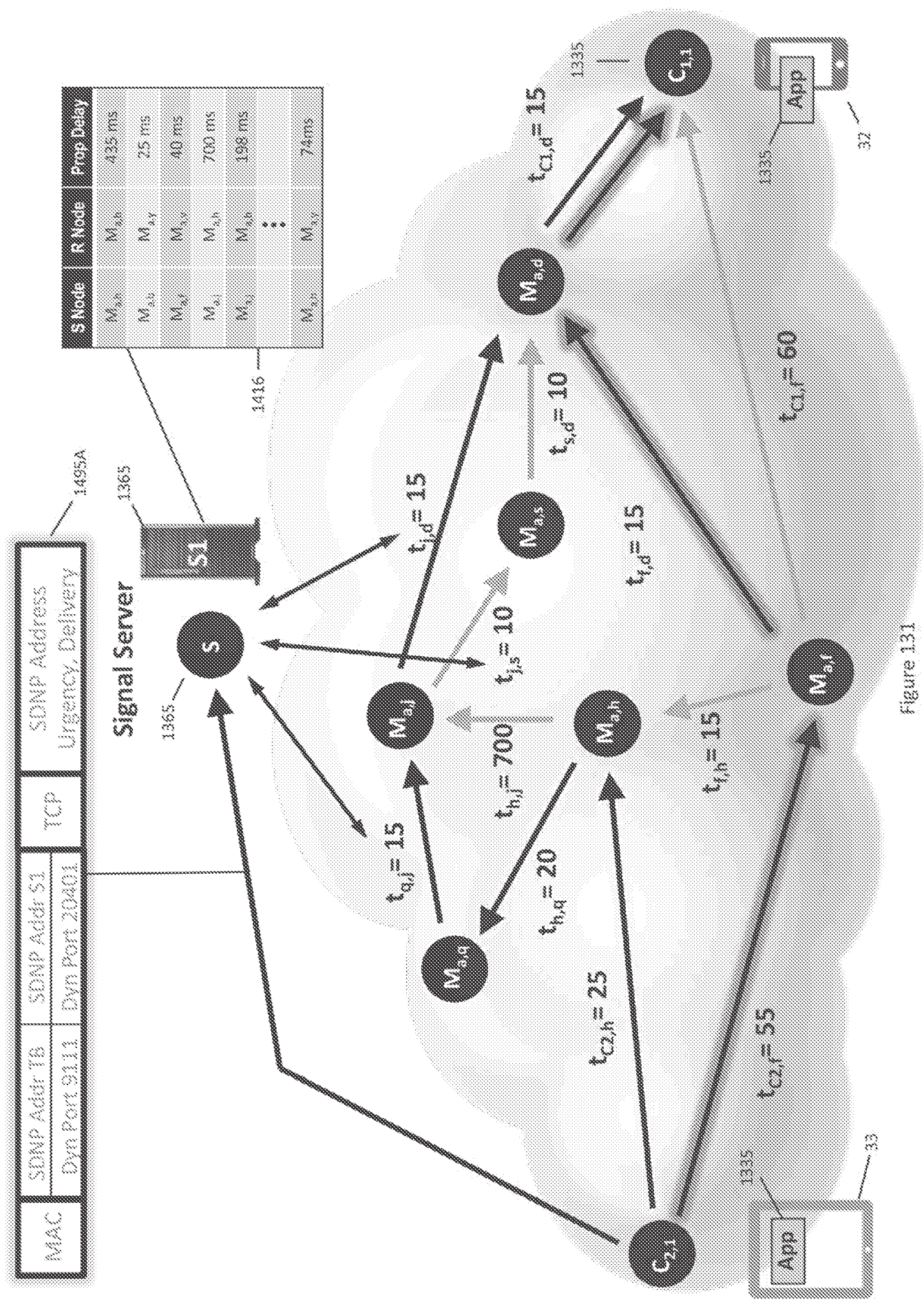


Figure 131



Command & Control Signal Packets (Path 1-2)

266/271

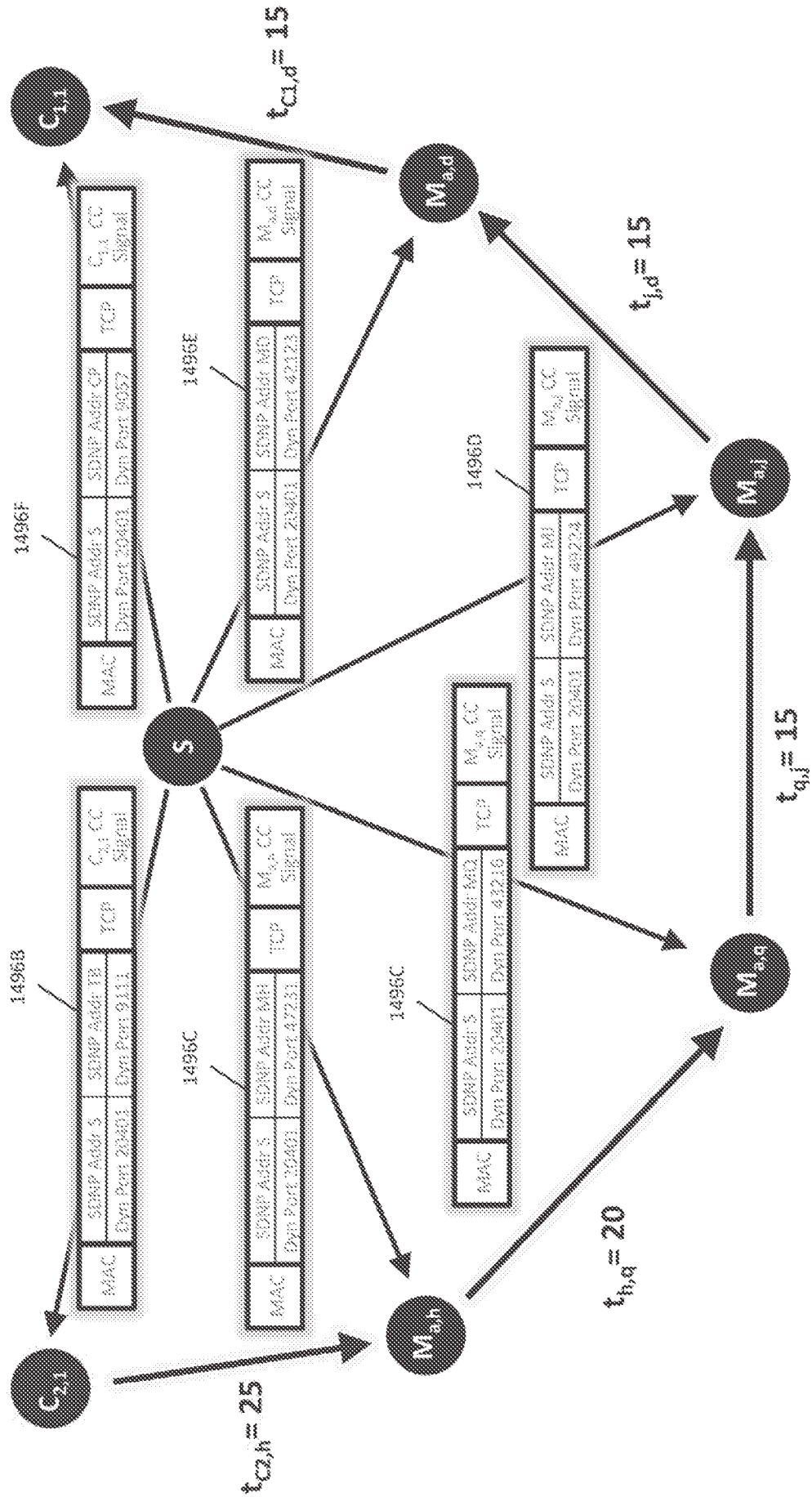


Figure 132B

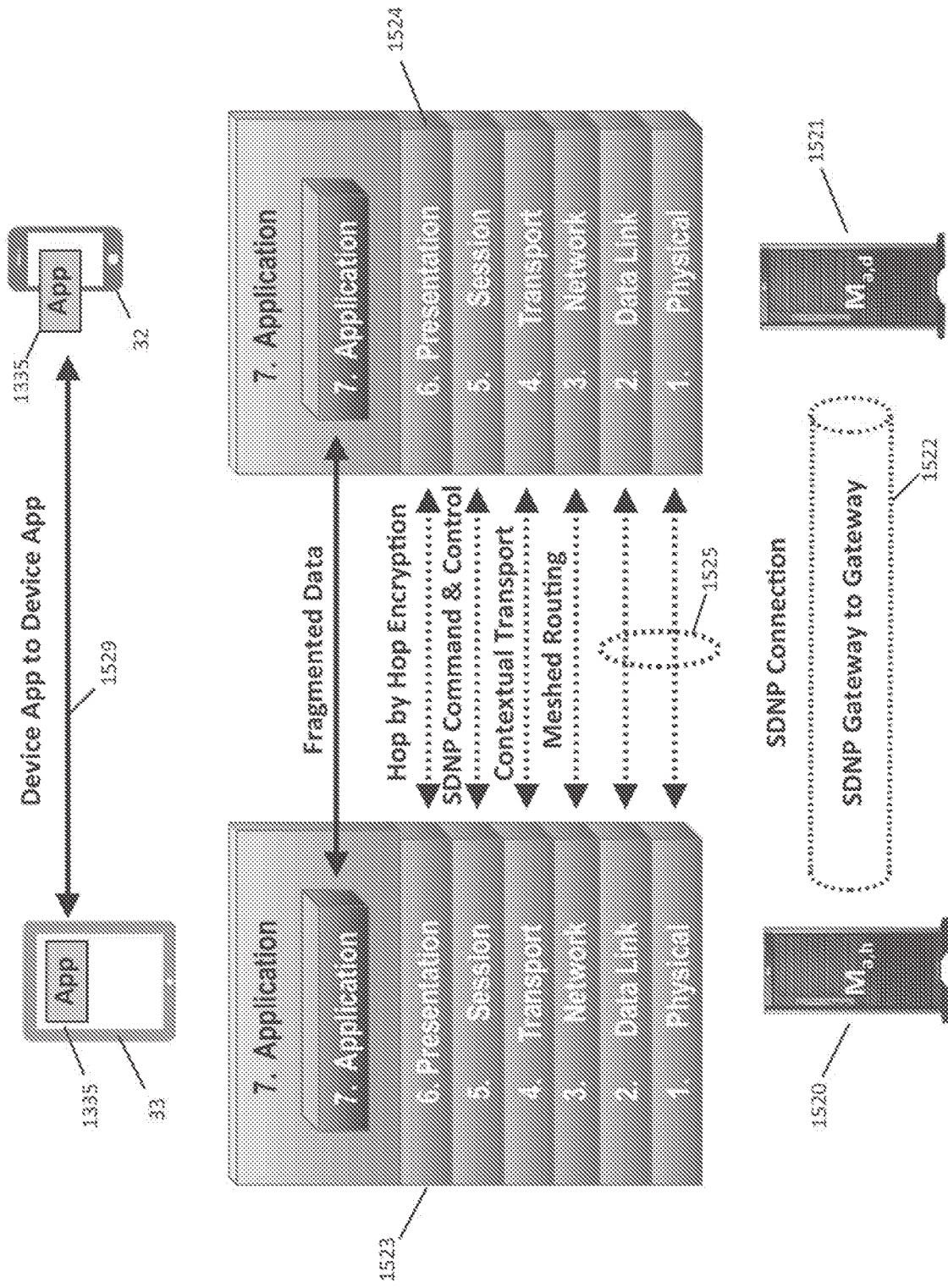


Figure 133A

Encrypted SDNP Tunnel Session

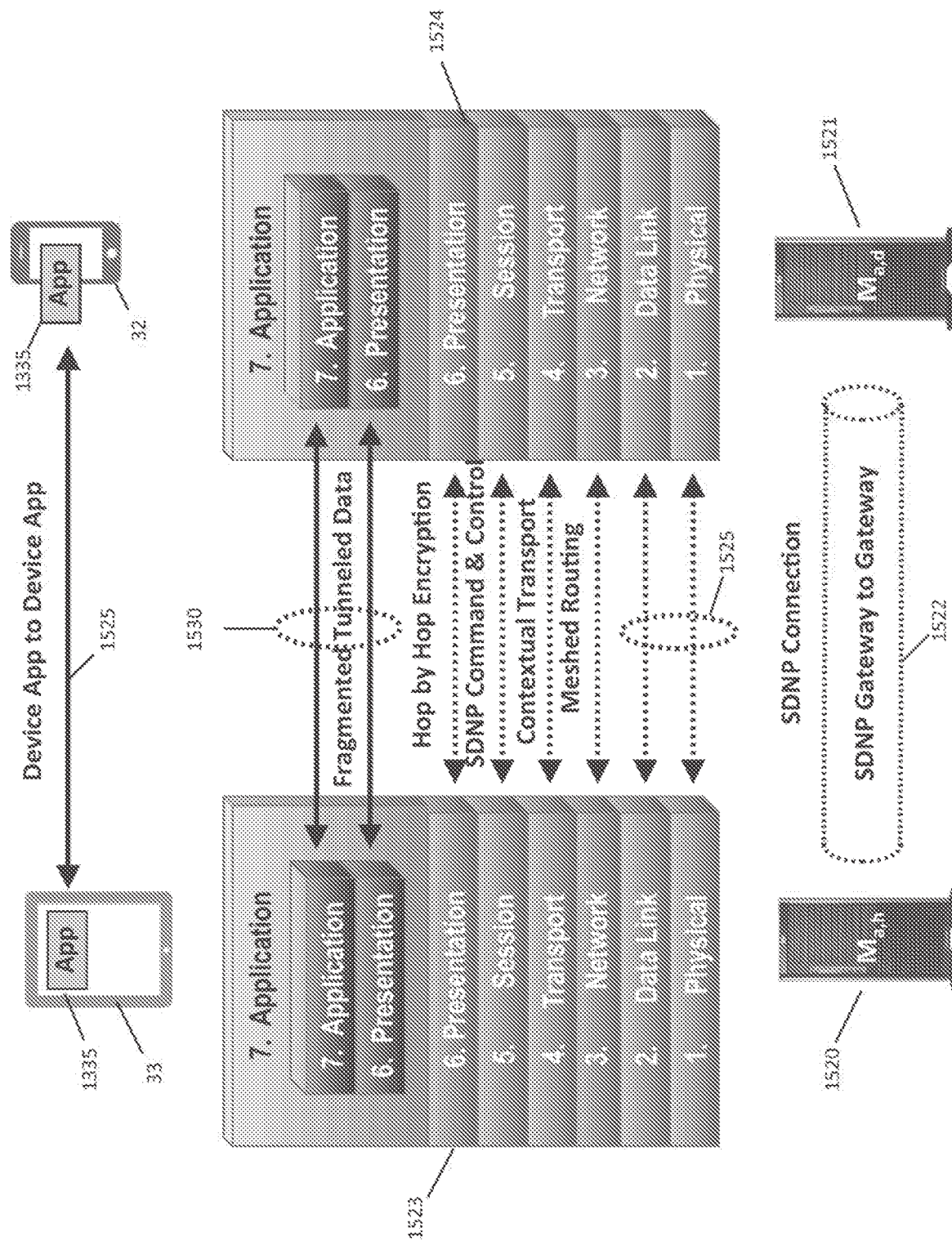


Figure 133B

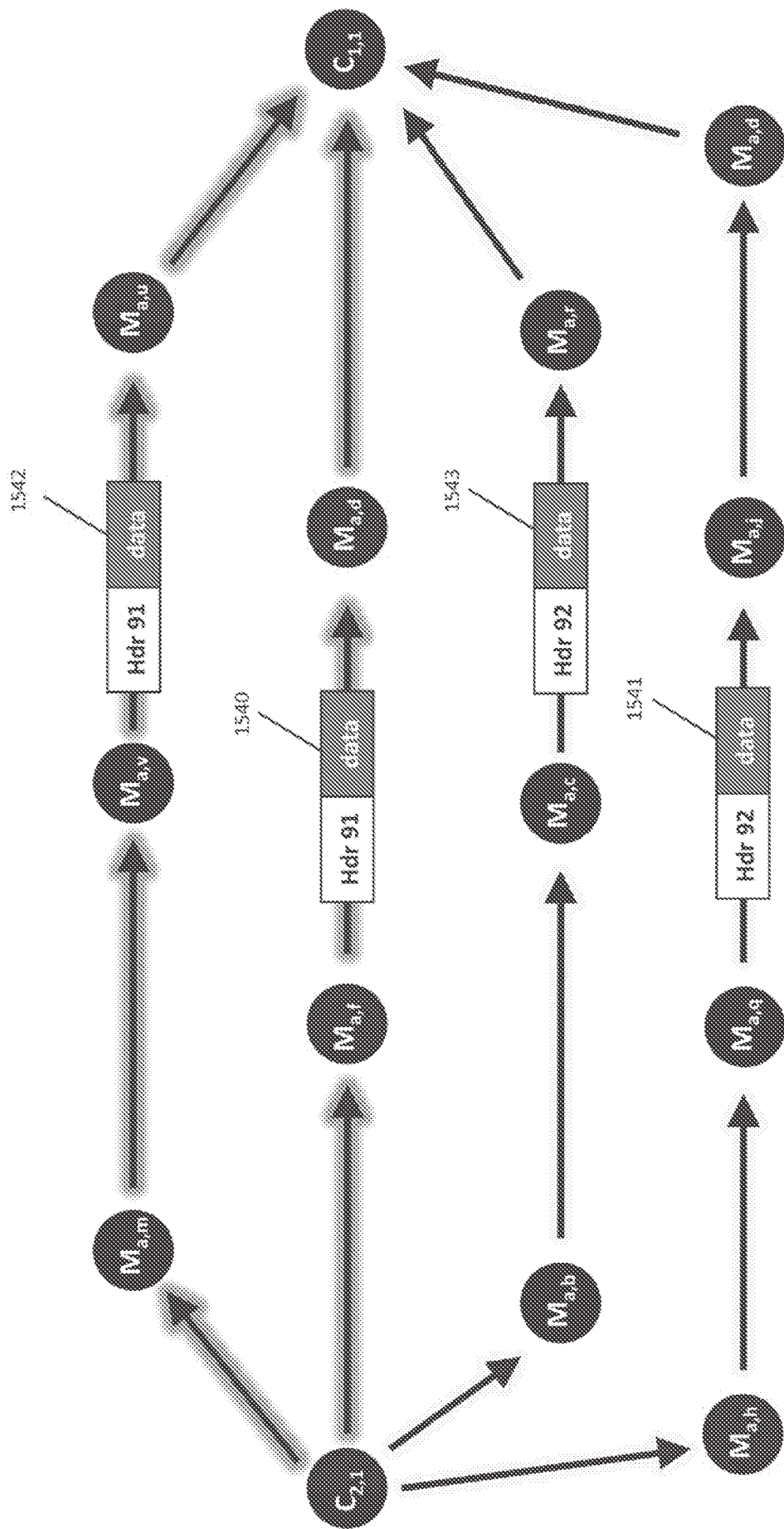


Figure 134

Parameter	OTT	VPN	P2P	SDNP
Source Addr	Visible	Encrypted	Visible	None (NAT)
Destination Addr	Visible	Encrypted	Visible	None (NAT)
Encrypted Payload	Static (Optional)	Static (Optional)	Static (Optional)	Dynamic
Scrambled Payload	No	No	No	Dynamic
Meshed Routing	No	No	No	Dynamic
Routing Nodes	Internet Servers	Dedicated Servers	Users	Dedicated Servers
Delay	Uncontrolled	Single Route	Minimal Control	Dynamic Minimum

Figure 135