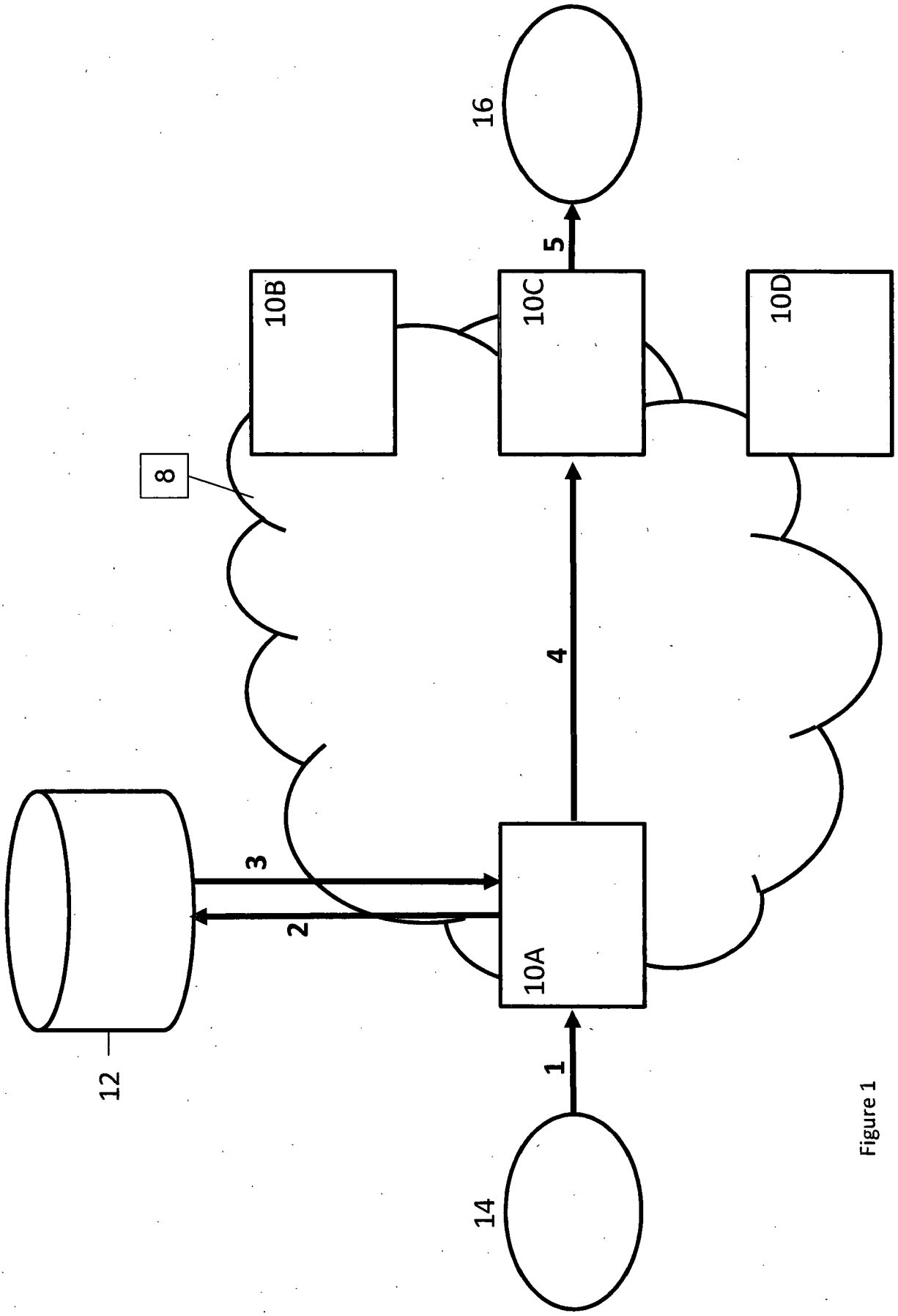


Figure 1

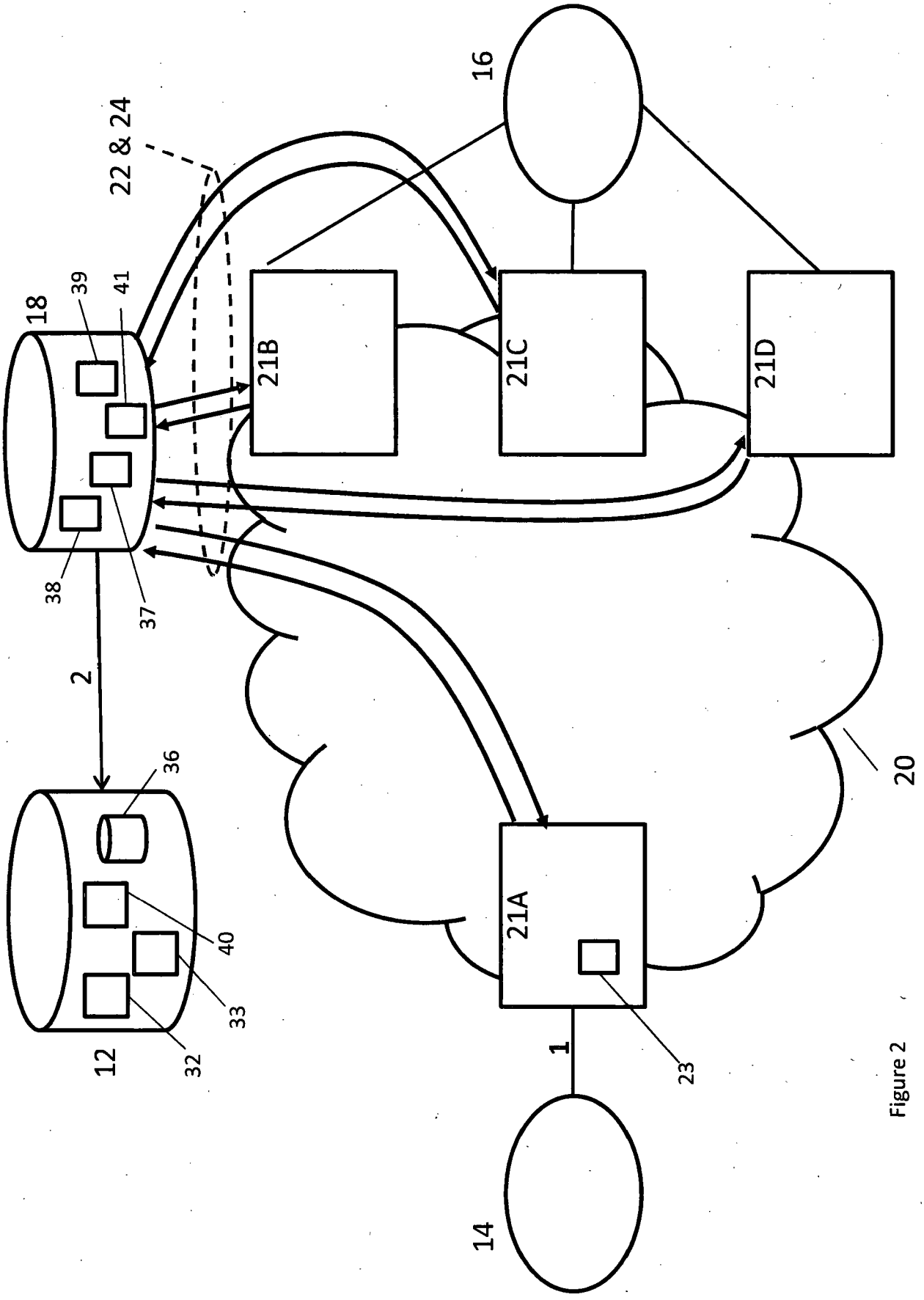


Figure 2

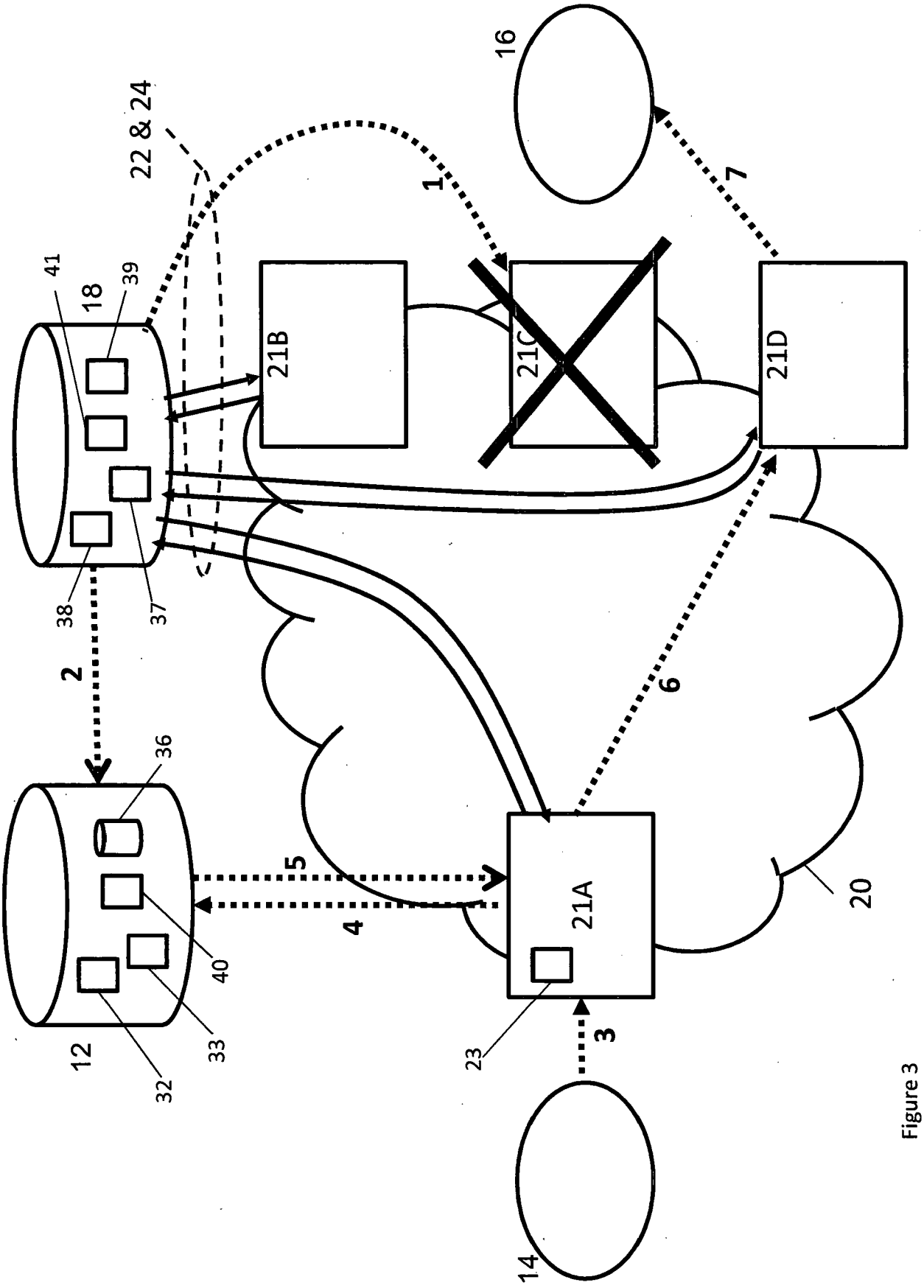

16
22 & 24
1
7
41
18
39
21B
21C
21D
38
37
2
6
36
5
4
21A
20
40
33
12
32
23
3
14

Figure 3

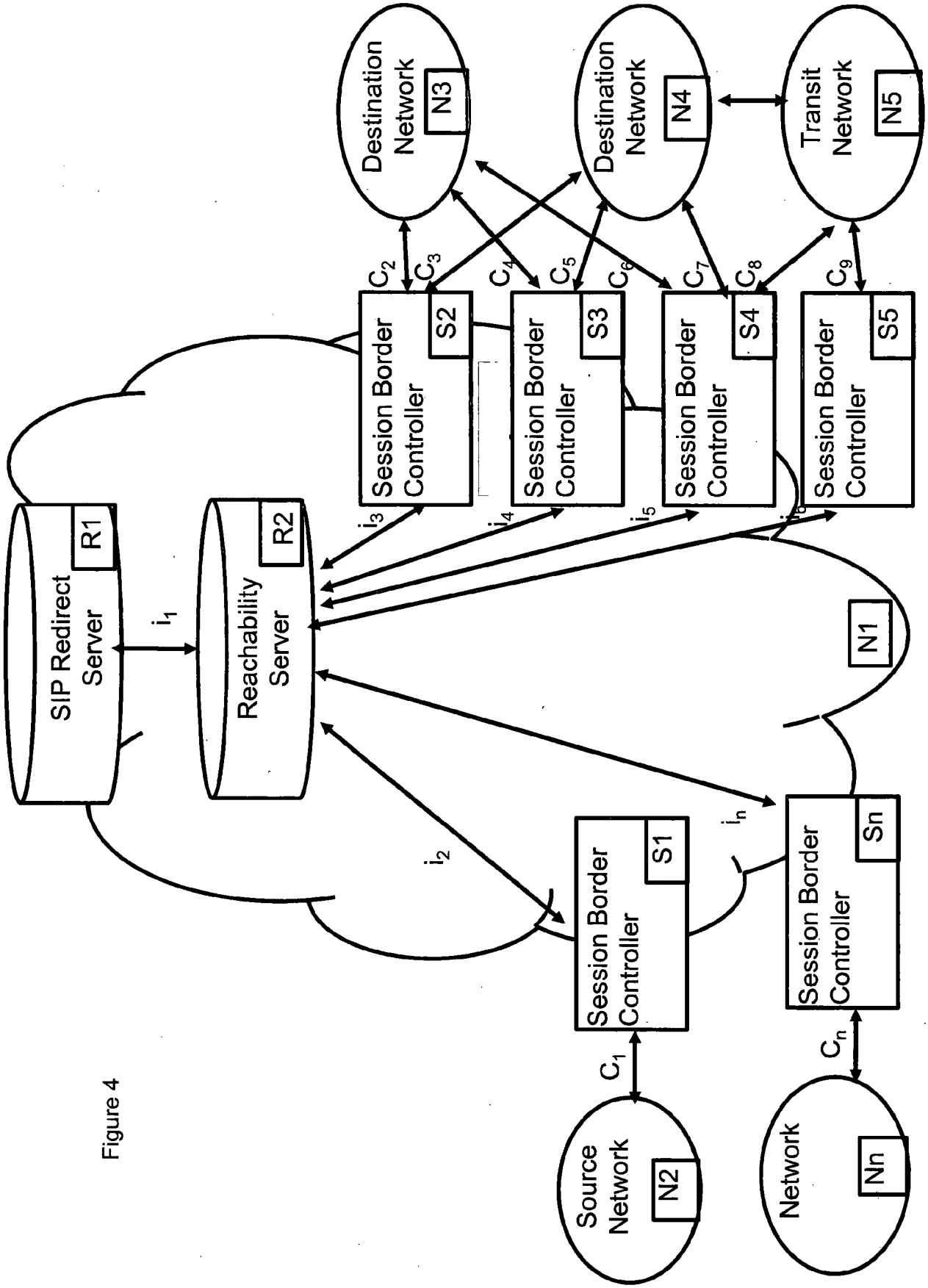

SIP Redirect Server
R1
Reachability Server
R2
i1
i2
i3
i4
i5
in
Session Border Controller
S1
S2
S3
S4
S5
Sn
C1
C2
C3
C4
C5
C6
C7
C8
C9
Cn
Source Network
N2
Destination Network
N3
Destination Network
N4
Transit Network
N5
N1
Network
Nn

Figure 4

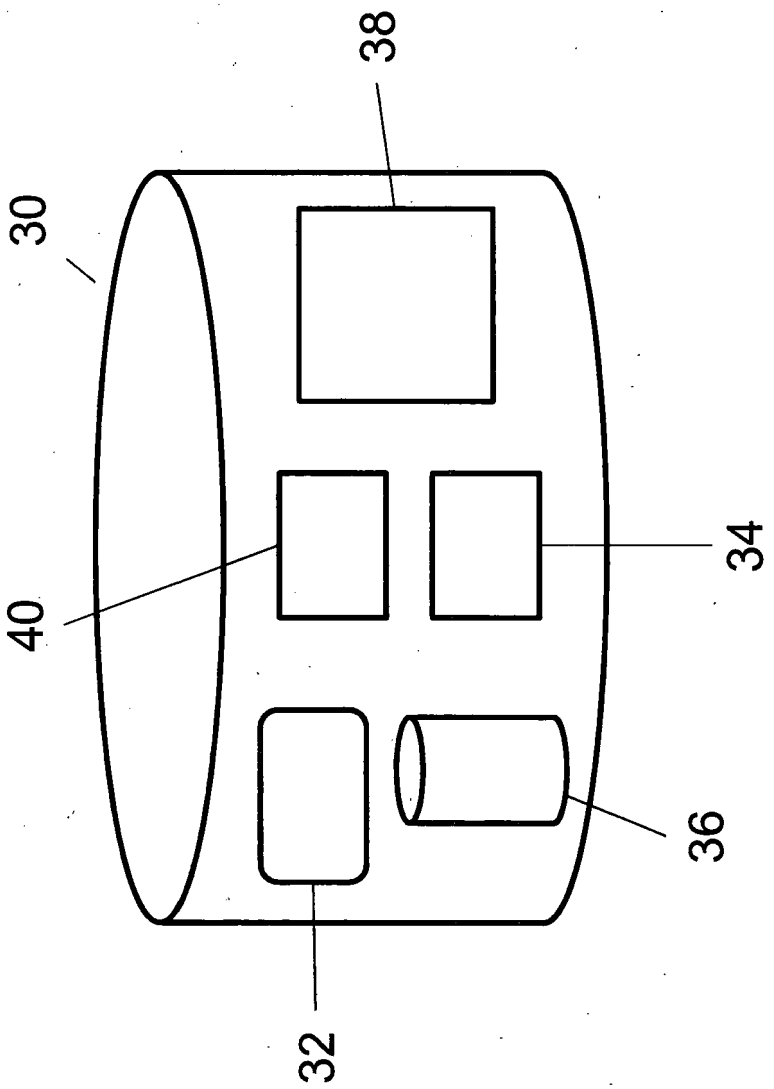


Figure 5

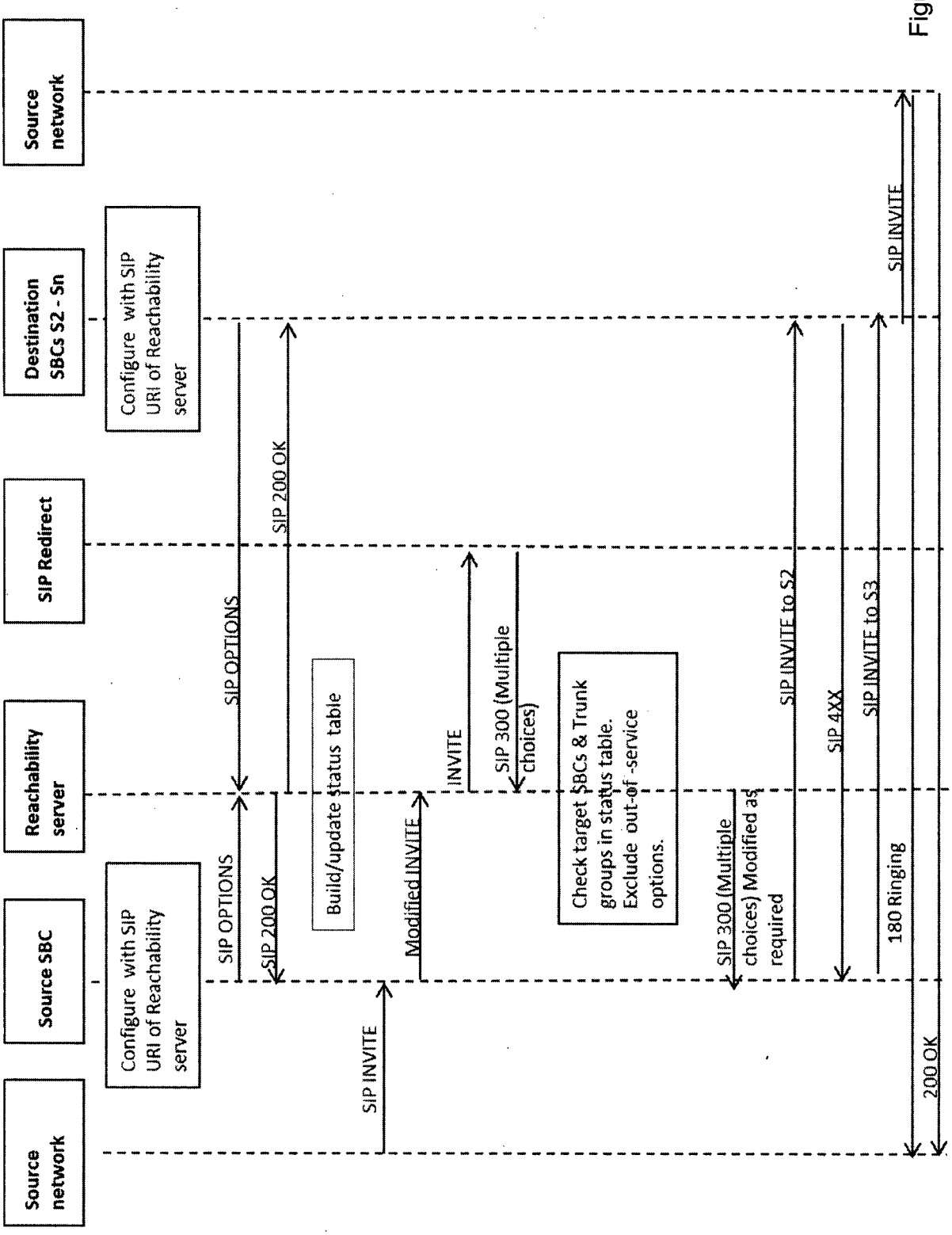

Source network
Source SBC
Reachability server
SIP Redirect
Destination SBCs S2 - Sn
Source network
Configure with SIP URI of Reachability server
Configure with SIP URI of Reachability server
SIP OPTIONS
SIP 200 OK
SIP OPTIONS
SIP 200 OK
Build/update status table
SIP INVITE
Modified INVITE
INVITE
SIP 300 (Multiple choices)
Check target SBCs & Trunk groups in status table. Exclude out-of -service options.
SIP 300 (Multiple choices) Modified as required
SIP INVITE to S2
SIP 4XX
SIP INVITE to S3
180 Ringing
SIP INVITE
200 OK

Figure 6