

Fig. 1

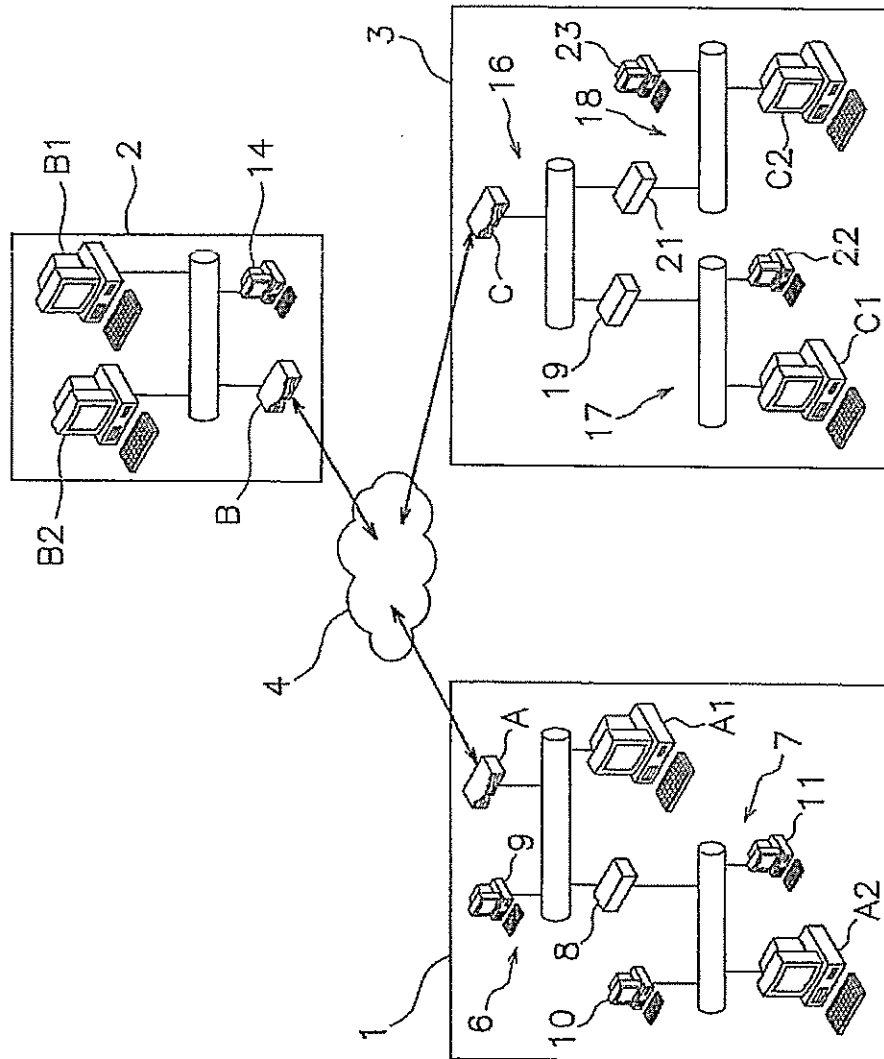


Fig. 2

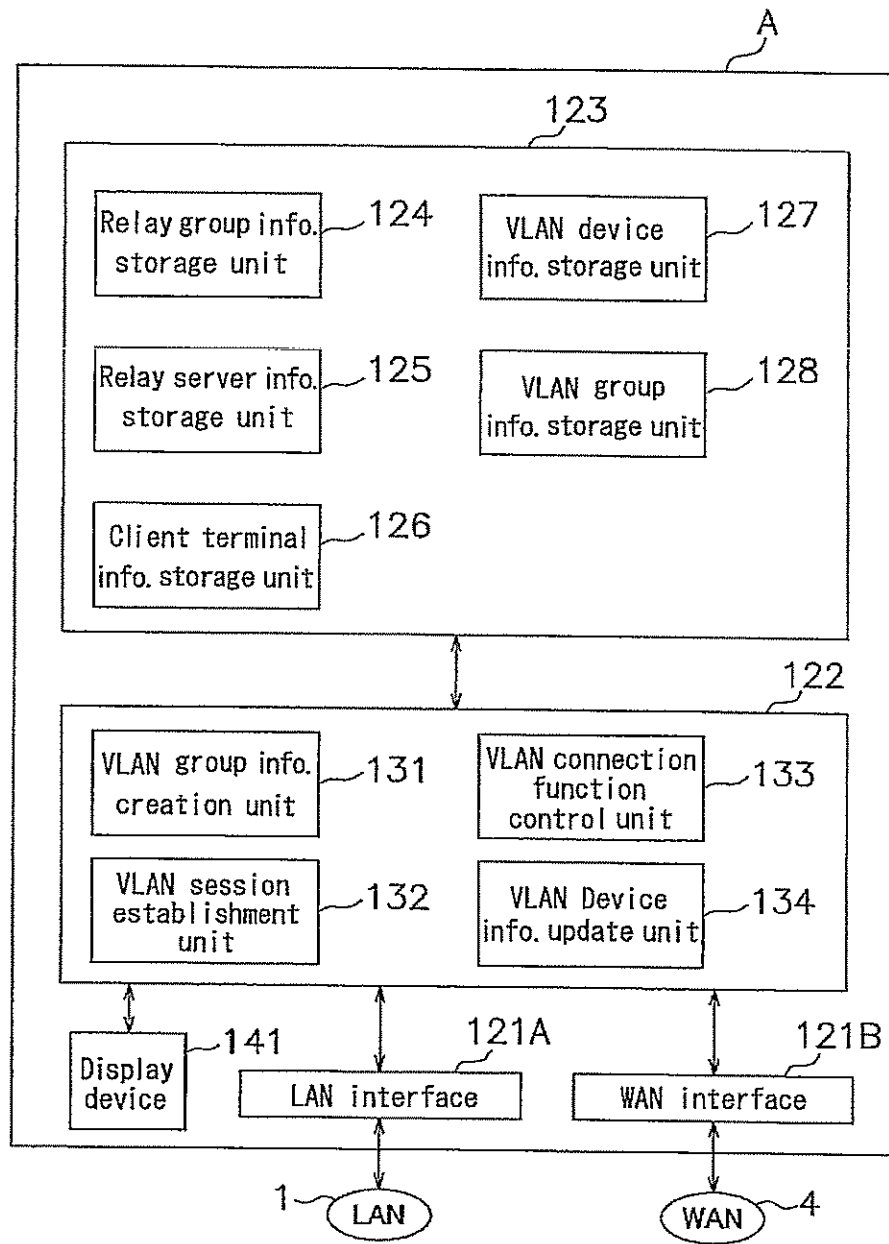


Fig. 3

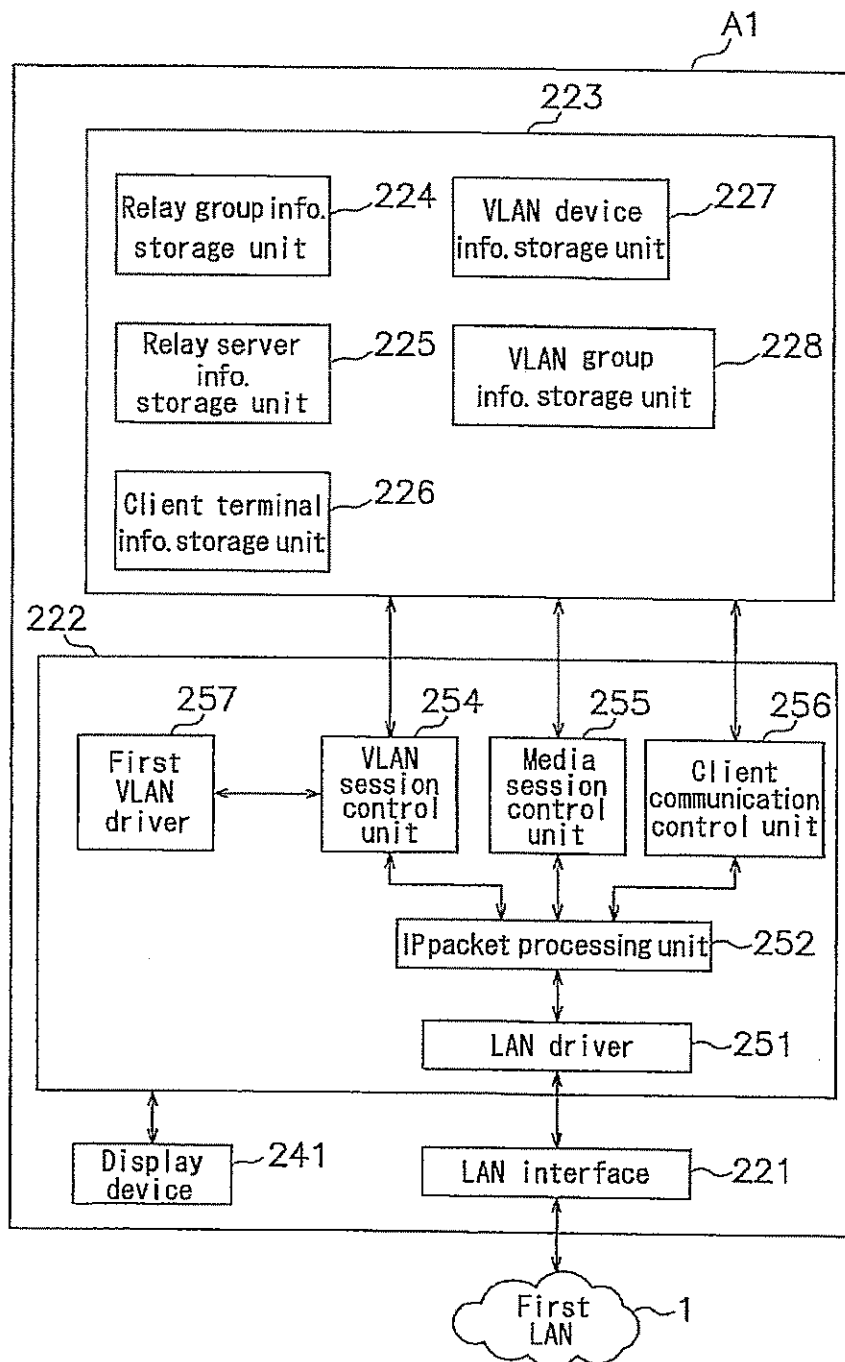


Fig. 4

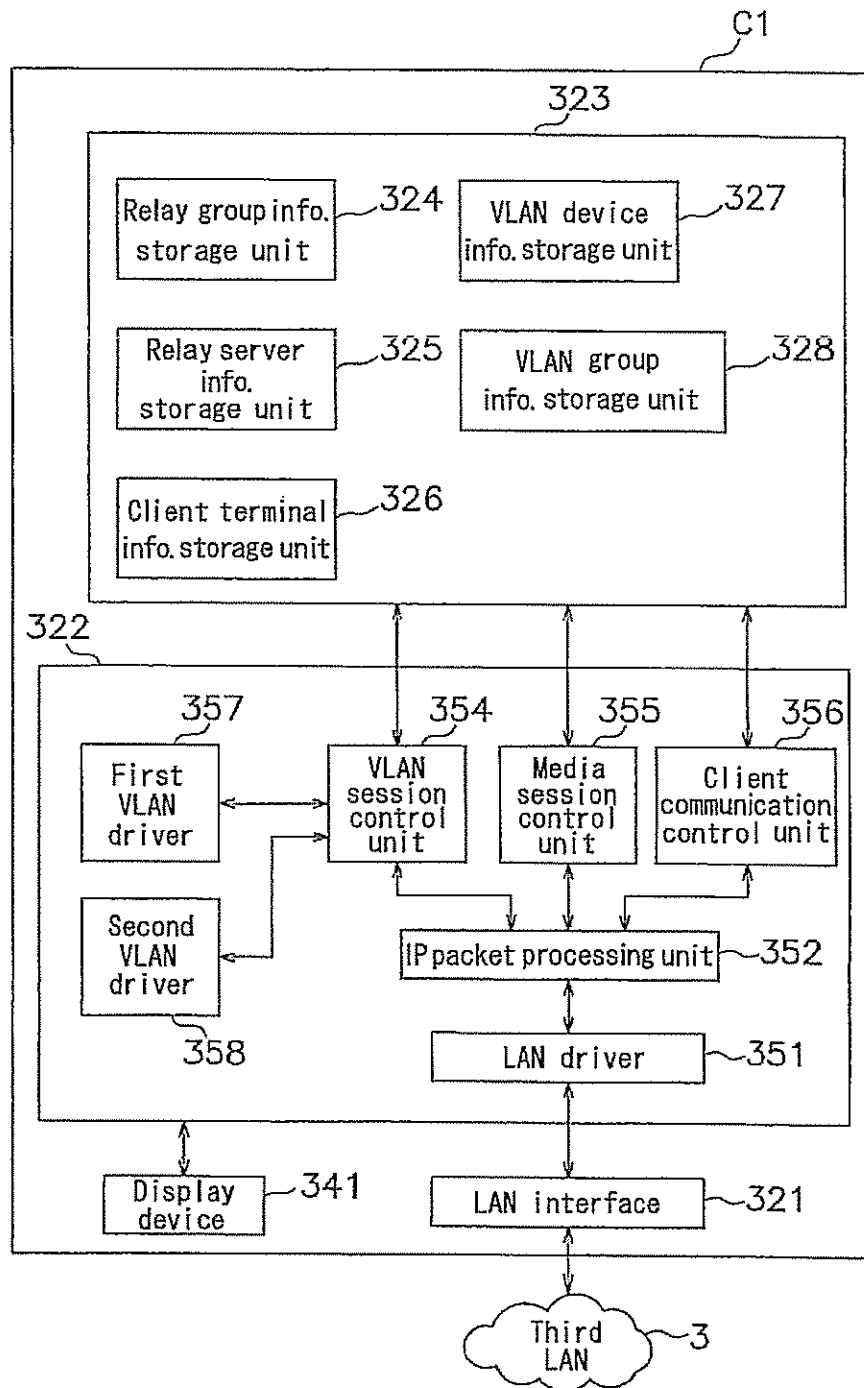


Fig. 5

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group1	relayserverA	relayserverB	relayserverC
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Fig. 6

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<?xml version="1.0" encoding="UTF-8" standalone="no" ?>
- <root>
  - <group id="20070402133100@serverA.relay.net" } 201
    lastmod="20070402133100" name="group1">
      <site id="serverA@relay.net" rel="allow" />
      <site id="serverB@relay.net" rel="allow" /> } 202
      <site id="serverC@relay.net" rel="allow" />
    </group>
  </root>

```

Fig. 7

30

relayserverA	clientA1
	clientA2
relayserverB	clientB1
	clientB2
relayserverC	clientC1
	clientC2

Fig. 8

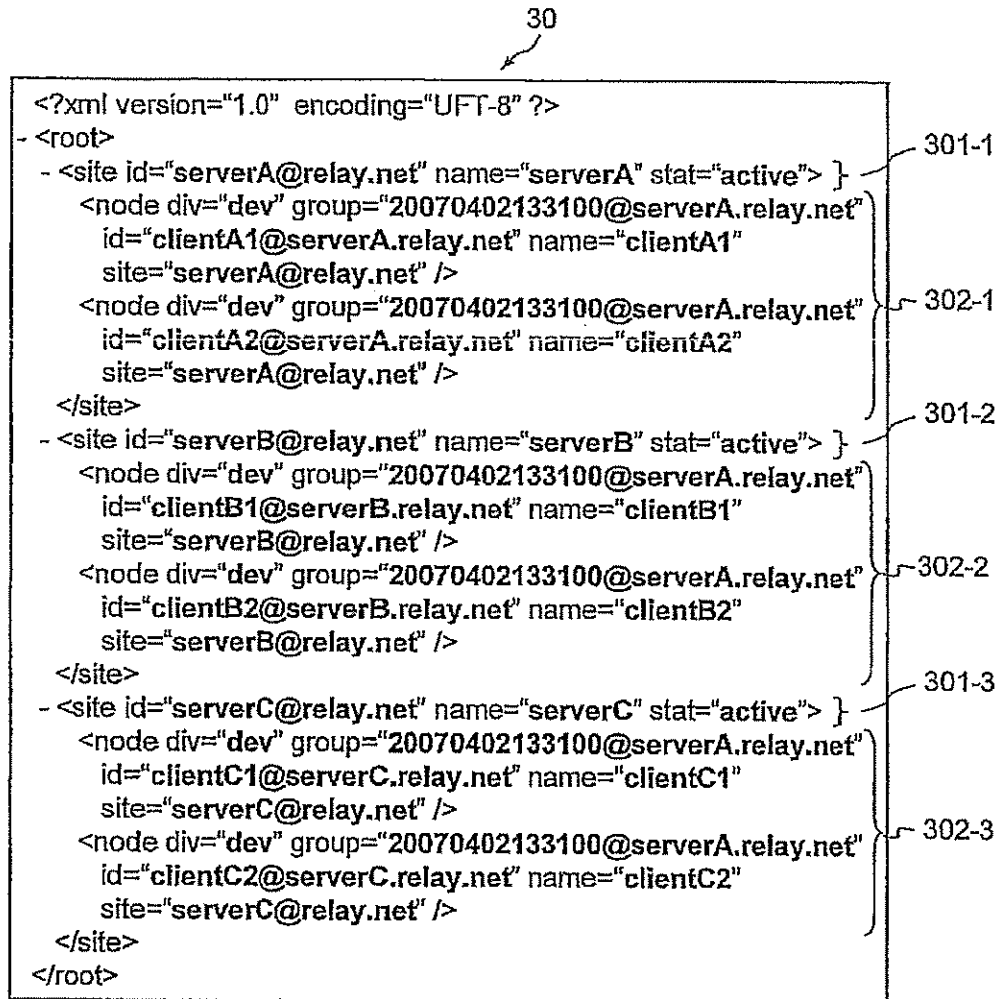


Fig. 9

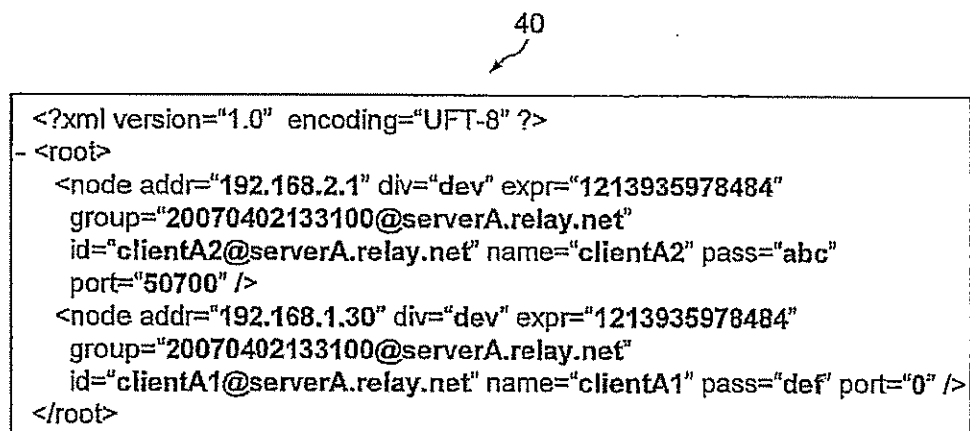


Fig. 10

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<?xml version="1.0" encoding="UTF-8" ?>
<root>
  <node addr="192.100.1.3" div="dev" expr="1213935978484"
    group="20070402133100@serverA.relay.net"
    id="clientB1@serverB.relay.net" name="clientB1" pass="abc"
    port="50700" />
  <node addr="192.100.1.2" div="dev" expr="1213935978484"
    group="20070402133100@serverA.relay.net"
    id="clientB2@serverB.relay.net" name="clientB2" pass="noui"
    port="50700" />
</root>

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Fig. 11

60

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<?xml version="1.0" encoding="UTF-8" ?>
<root>
  <node addr="200.1.2.1" div="dev" expr="1213935978484"
    group="20070402133100@serverA.relay.net"
    id="clientC1@serverC.relay.net" name="clientC1" pass="abc"
    port="50700" />
  <node addr="200.1.3.200" div="dev" expr="1213935978484"
    group="20070402133100@serverA.relay.net"
    id="clientC2@serverC.relay.net" name="clientC2" pass="def" port="0" />
</root>

```

Fig. 12

70

	client	interface	VLAN
71-1	clientA1	1	0
71-2	clientA2	1	0
71-3	clientB1	1	0
71-4	clientB2	0	-
71-5	clientC1	2	1
71-6	clientC2	2	1

Fig. 13

70

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<?xml version="1.0" encoding="UTF-8" ?>
<root>
  <vlantdev id="clientA1@serverA.relay.net" if="1" vlan="1" /> } 71-1
  <vlantdev id="clientA2@serverA.relay.net" if="1" vlan="1" /> } 71-2
  <vlantdev id="clientB1@serverB.relay.net" if="1" vlan="1" /> } 71-3
  <vlantdev id="clientB2@serverB.relay.net" if="0" vlan="0" /> } 71-4
  <vlantdev id="clientC1@serverC.relay.net" if="2" vlan="1" /> } 71-5
  <vlantdev id="clientC2@serverC.relay.net" if="2" vlan="1" /> } 71-6
</root>

```

Fig. 14

80

group	client	virtual MAC address	virtual IP address
VLAN groupA	clientA1	00-50-81-00-00-01	192.168.1.1
	clientC2	00-50-81-00-00-02	192.168.1.2
VLAN groupB	clientA2	00-50-81-00-00-01	192.168.1.1
	clientB1	00-50-81-00-00-02	192.168.1.2
	clientC1	00-50-81-00-00-03	192.168.1.3

Fig. 15

80

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<?xml version="1.0" encoding="UTF-8" ?>
- <root>
-   - <vlan group id="20070702203100@serverA.relay.net" } 801-1
      lastmod="20070702203100" name="VLANgroupA">
        <dev id="clientA1@serverA.relay.net" mac="005081000001" } 802-1
          ip="192.168.1.1" />
        <dev id="clientC2@serverC.relay.net" mac="005081000002" } 802-2
          ip="192.168.1.2" />
        </dev>
      </vlan group>
-   - <vlan group id="20070802203100@clientA2@serverA.relay.net" } 801-2
      lastmod="20070802203100" name="VLANgroupB">
        <dev id="clientA2@serverA.relay.net" mac="005081000001" } 802-3
          ip="192.168.1.1" />
        <dev id="clientB1@serverB.relay.net" mac="005081000002" } 802-4
          ip="192.168.1.2" />
        <dev id="clientC1@serverC.relay.net" mac="005081000003" } 802-5
          ip="192.168.1.3" />
        </dev>
      </vlan group>
-   </root>

```

Fig. 16

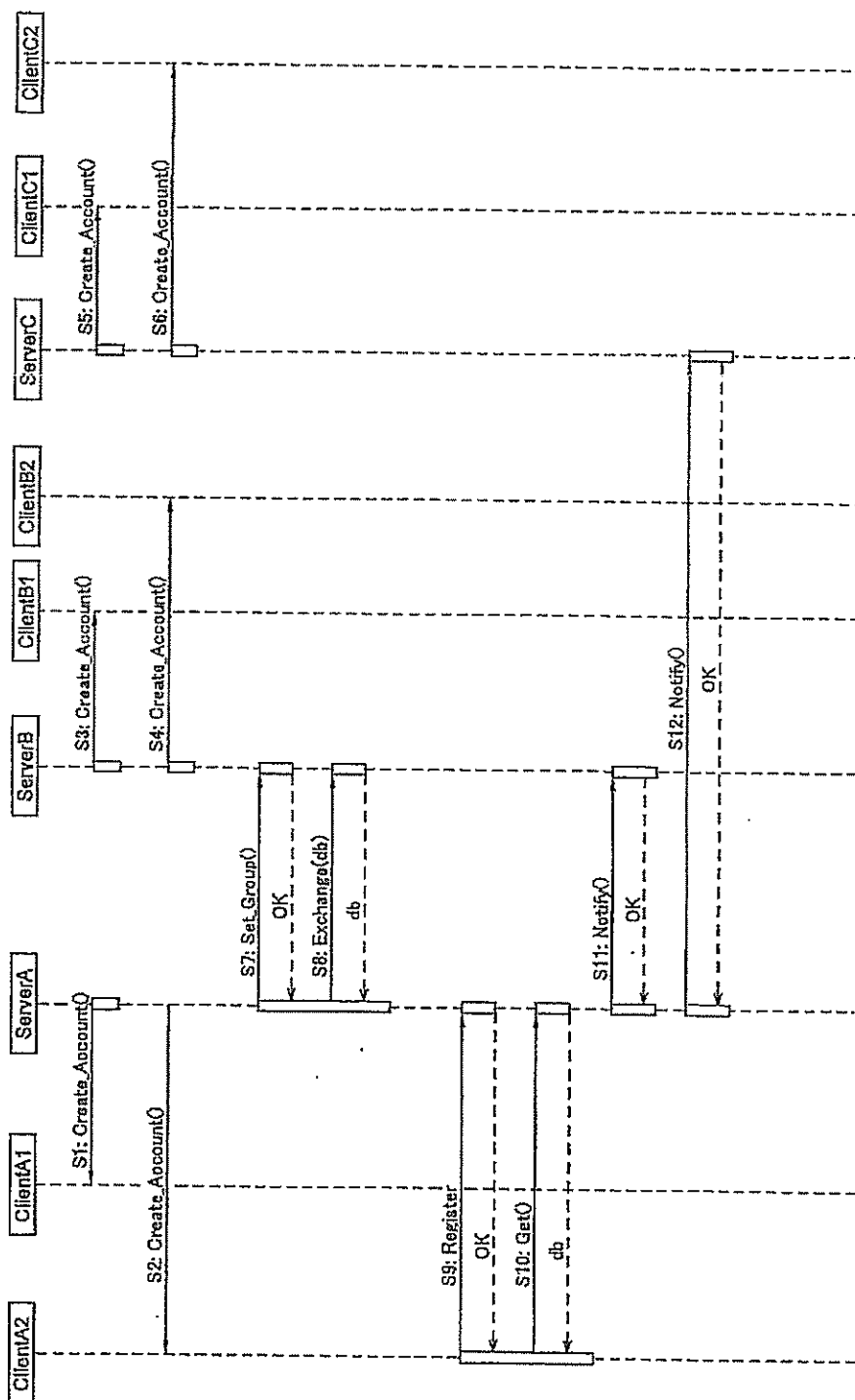


Fig. 17

31-1

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<?xml version="1.0" encoding="UFT-8" ?>
- <root>
  - <site id="serverA@relay.net" name="serverA" stat="active"> } 311-1
    <node div="dev" group="20070402133100@serverA.relay.net"
      id="clientA1@serverA.relay.net" name="clientA1"
      site="serverA@relay.net" />
    <node div="dev" group="20070402133100@serverA.relay.net"
      id="clientA2@serverA.relay.net" name="clientA2"
      site="serverA@relay.net" /> } 312-1
  </site>
</root>

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Fig. 18

31-2

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<?xml version="1.0" encoding="UFT-8" ?>
- <root>
  - <site id="serverB@relay.net" name="serverB" stat="active"> } 311-2
    <node div="dev" group="20070402133100@serverA.relay.net"
      id="clientB1@serverB.relay.net" name="clientB1"
      site="serverB@relay.net" />
    <node div="dev" group="20070402133100@serverA.relay.net"
      id="clientB2@serverB.relay.net" name="clientB2"
      site="serverB@relay.net" /> } 312-2
  </site>
</root>

```

Fig. 19

31-3

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<?xml version="1.0" encoding="UFT-8" ?>
- <root>
  - <site id="serverC@relay.net" name="serverC" stat="active"> } 311-3
    <node div="dev" group="20070402133100@serverA.relay.net"
      id="clientC1@serverC.relay.net" name="clientC1"
      site="serverC@relay.net" />
    <node div="dev" group="20070402133100@serverA.relay.net"
      id="clientC2@serverC.relay.net" name="clientC2"
      site="serverC@relay.net" /> } 312-3
  </site>
</root>

```

Fig. 20

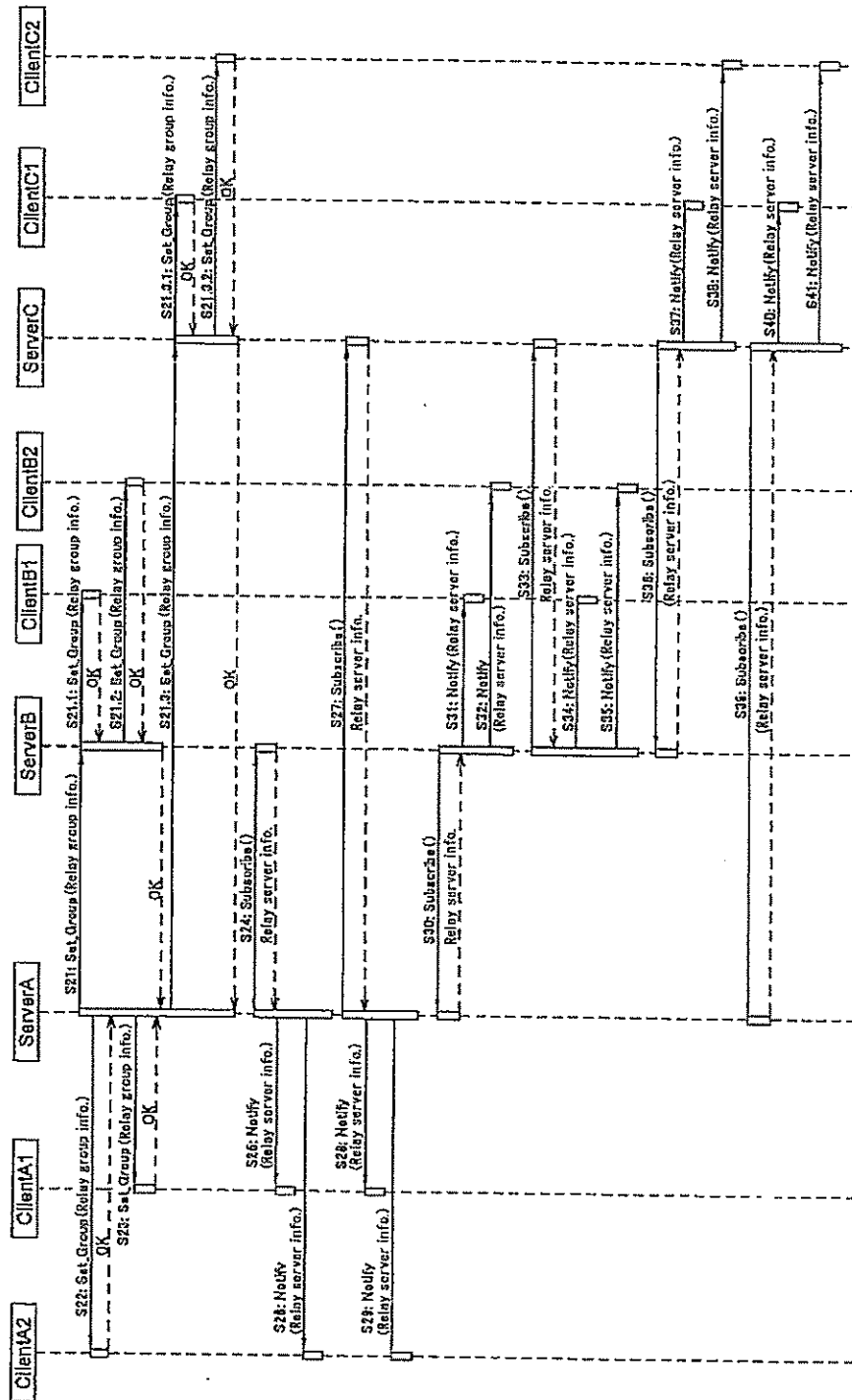


Fig. 21

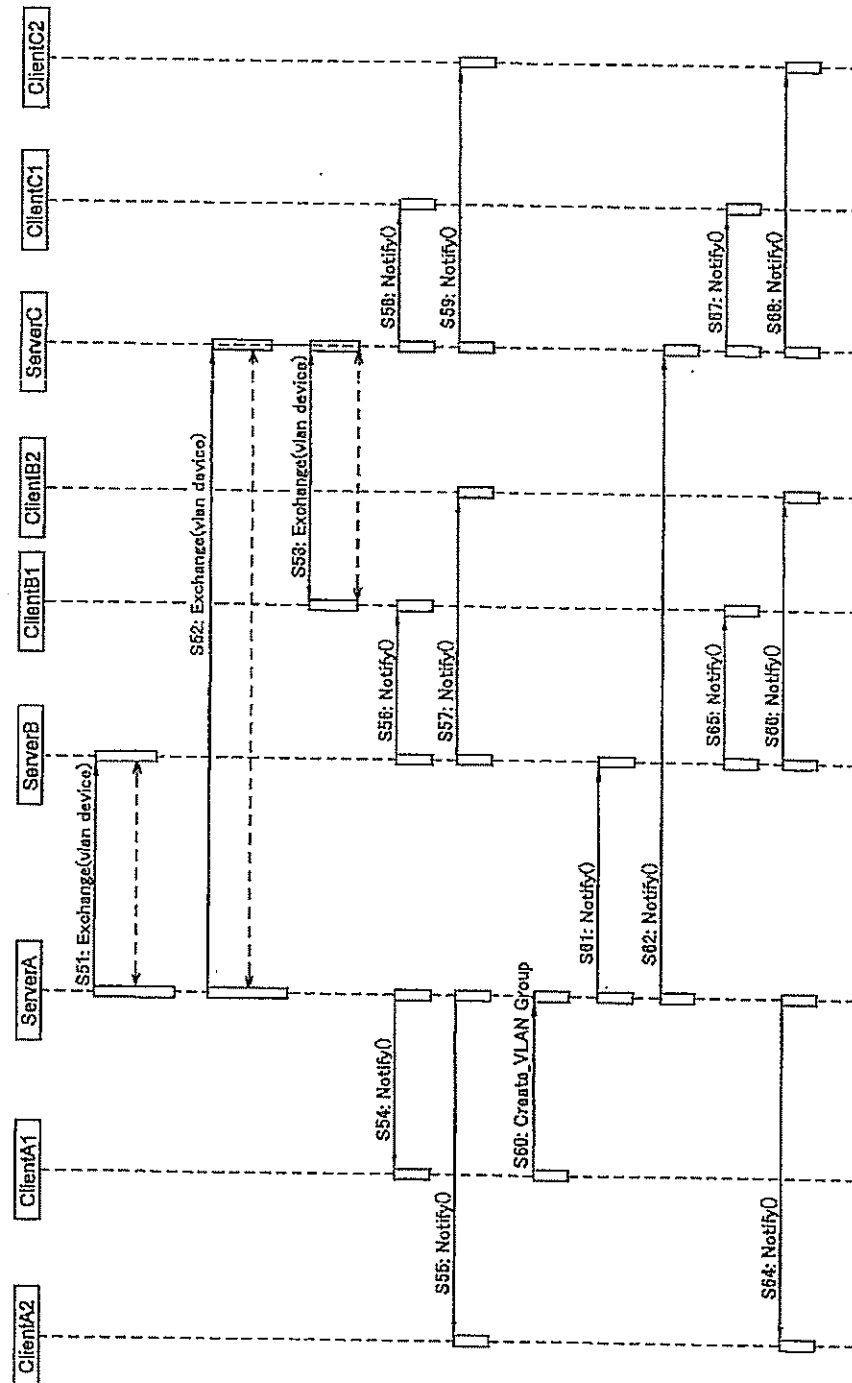


Fig. 22

