Digital VoIP Gateway

LAN Port Address Binding

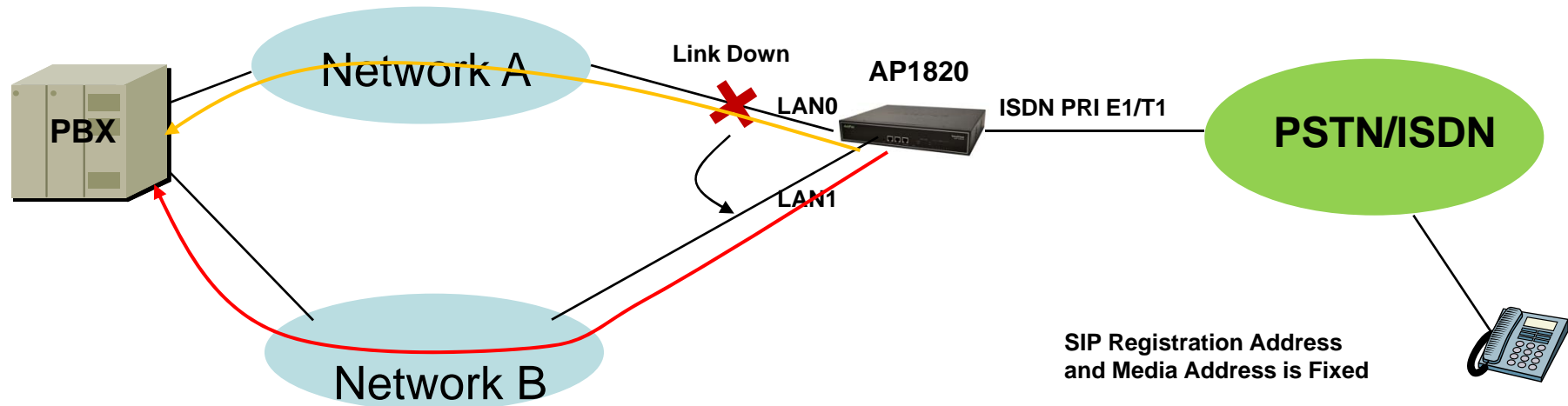AddPac Technology

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Network Diagram (Address Binding)

Network A

Link Down

AP1820

LAN0

ISDN PRI E1/T1

PSTN/ISDN

PBX

LAN1

Network B

SIP Registration Address
and Media Address is Fixed

LAN0 : SIP Registration Address and Media Address   A
LAN1 : SIP Registration Address and Media Address   B

Address Binding

LAN0 : SIP Registration Address and Media Address   A
LAN1 : SIP Registration Address and Media Address   A

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Benefits of Address Bind Feature

- SIP Registration Address and Media Address has a same IP address regardless of LAN port interface.

- In case of firewall configuration using source IP address, this address binding feature provides seamless VoIP service when primary LAN port is changeover to secondary LAN port due to Link Down.

- Debugging and QoS configuration is simple comparatively.

Sample Configuration (CLI)

! –Loopback IP address setting for Address Binding

!

interface Loopback1

  ip address 172.16.12.32 255.255.255.255

!

! –Loopback IP address map to voip-interface

voip-interface ip Loopback1

!

! Loopback interface and Ethernet Interface is both possible for Address Binding. But we recommend Loopback interface for Address binding.

Thank you!

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