



SIP BCP-T

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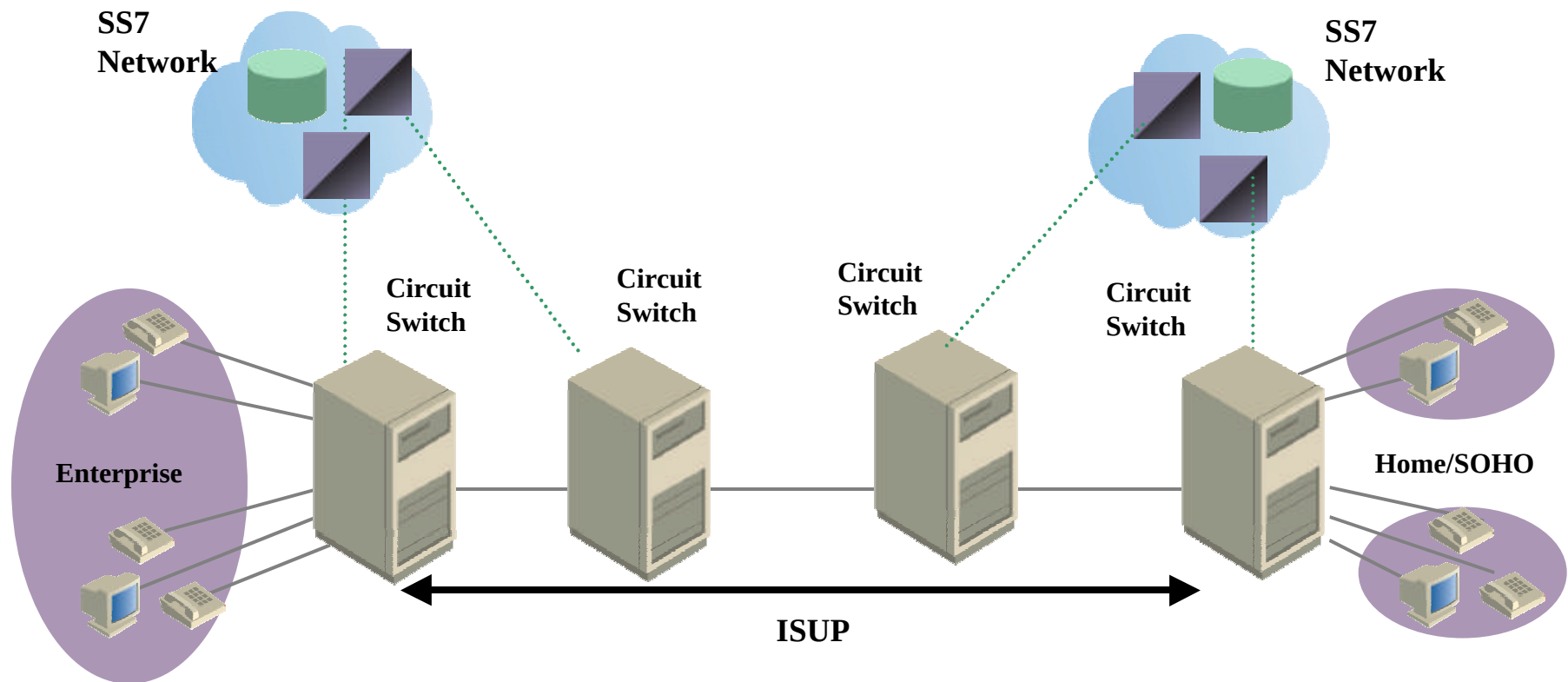
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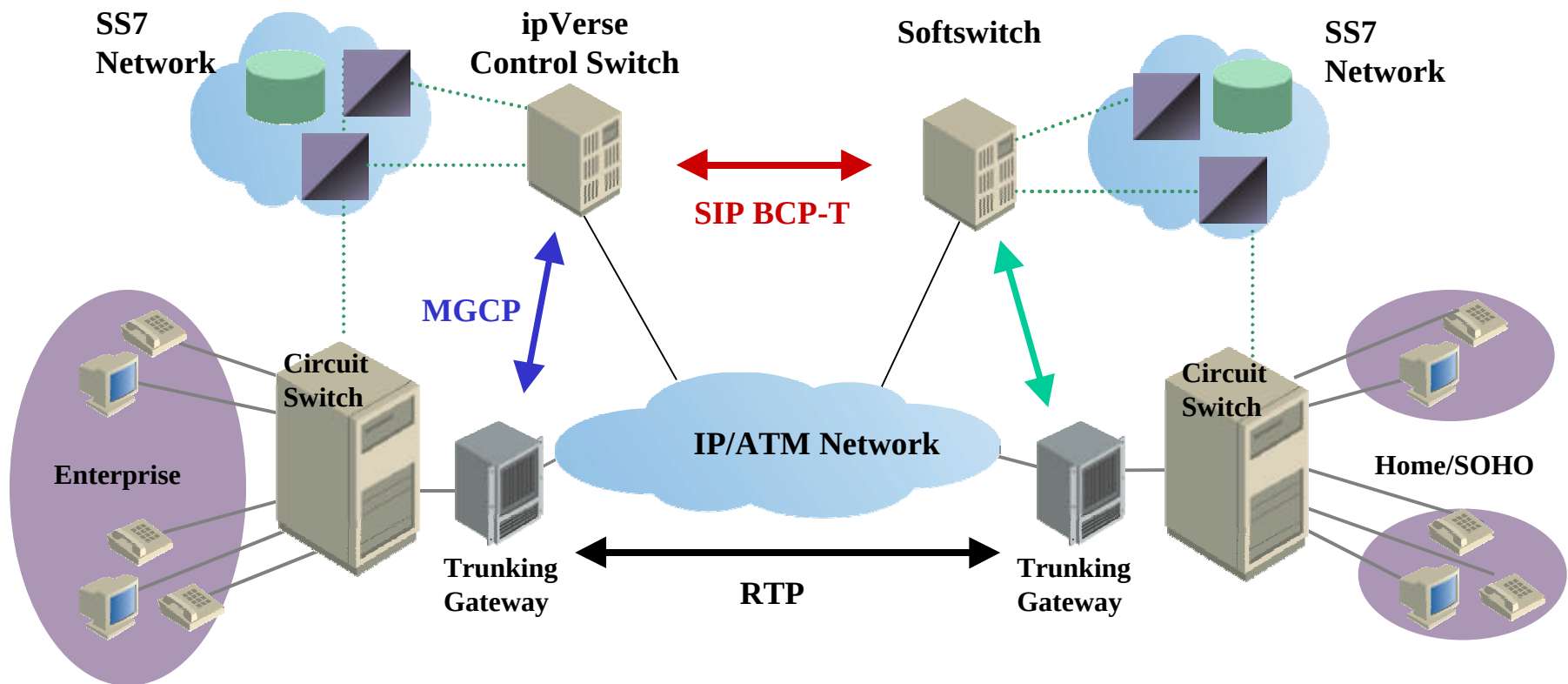


Old Architecture





New Architecture





SIP BCP-T

- SIP: Session Initiation Protocol RFC 2543
- ISUP MIME Type
- INFO Method
- ISUP – SIP Mapping



SIP Session Initiation Protocol

- IETF Standards track: RFC 2543
- Simple: Set up and tear down sessions
- Wide acceptance
- Stack commercially available



ISUP MIME Type

- Standard method of encapsulating legacy signaling
- Simplifies Inter-working:
 - Local variant
 - Interconnect variant (LCD)
- Specific target: do one thing well



INFO method

- Session initiation and teardown is not enough
- Mid-Call events
- More complex services enabled



ISUP SIP mapping

- Consistent “translation” of ISUP messages to SIP
- Build applications that use SIP for call setup
- Use SIP as a basic function or tool

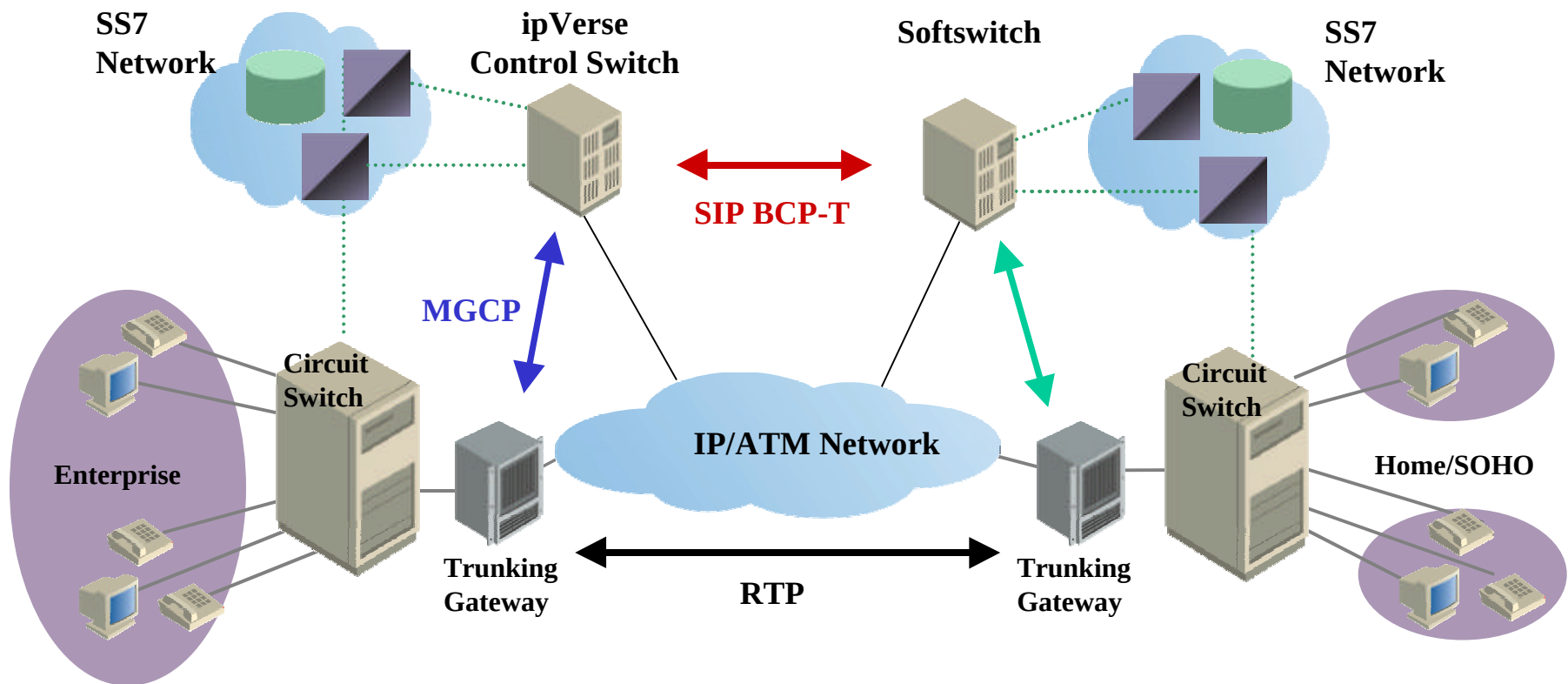


NAP architecture

- Interconnect Packet Networks
 - Circuit to packet origination
 - Packet to packet NAP
 - Packet to circuit termination
- Security



Proven Interoperability





Conclusion

- Open Issues
 - 100 Trying
 - ISUP versions
- Next Steps
 - BCP
 - RFC