REGIONAL ROUTING ARCHITECTURE

by

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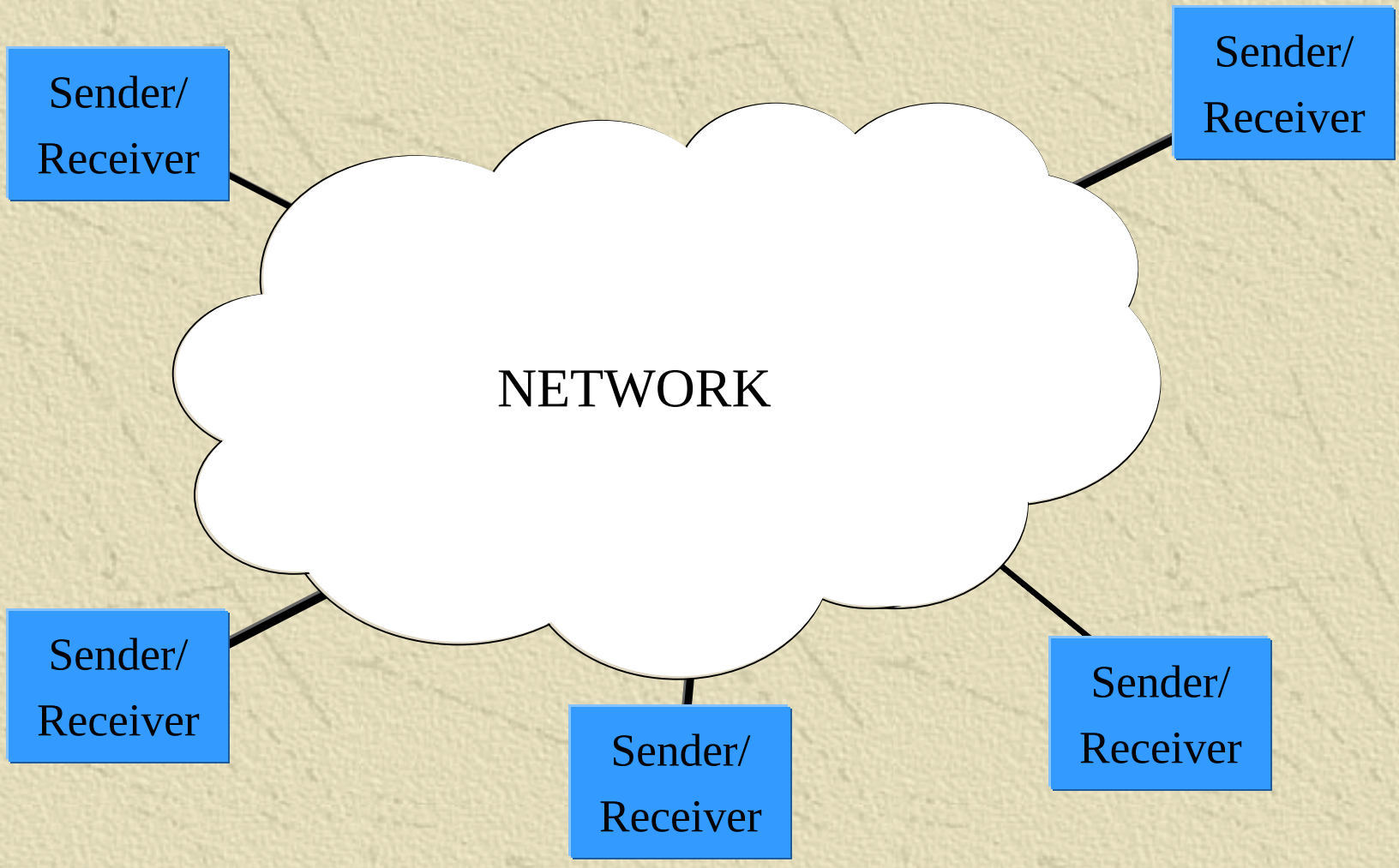
Regional Routing Architecture

- NSAP Addressing Plan
- Routing Domain Fundamentals
- Router Fundamentals
- Routing Architecture

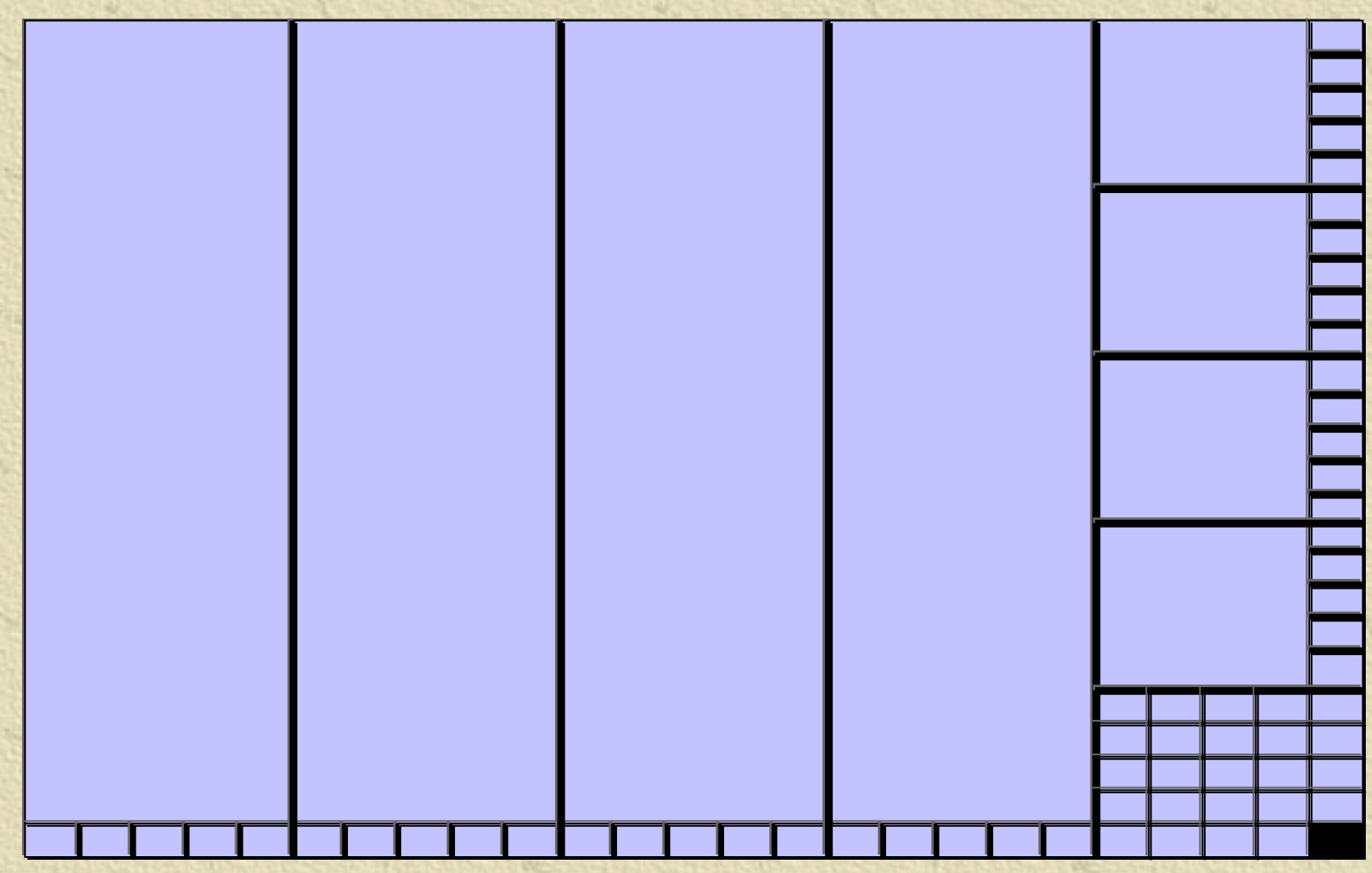
NSAP Addressing Plan

- Introduction
- Address Format
- Assigning Values
- Example

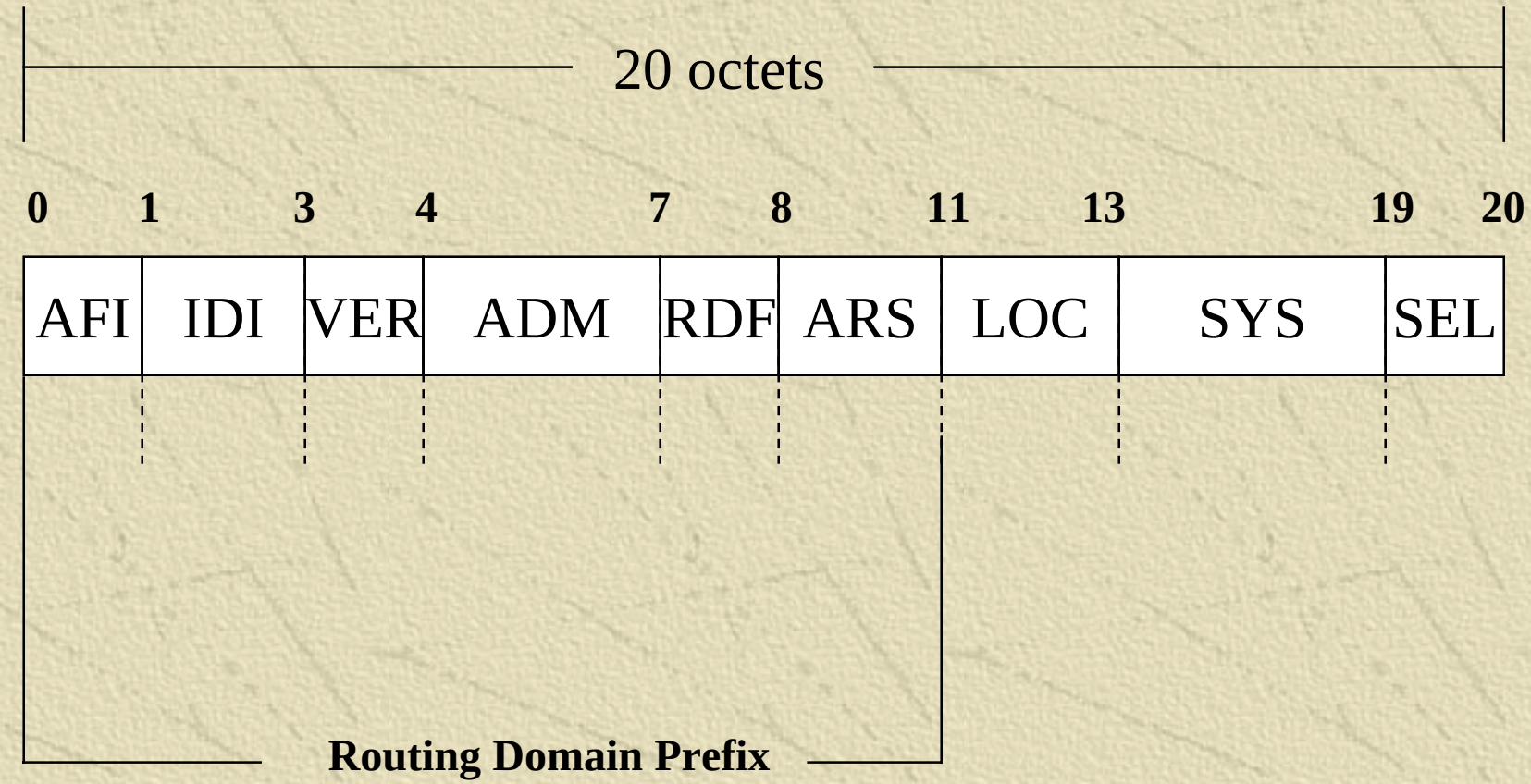
NSAP Addressing Plan: Introduction



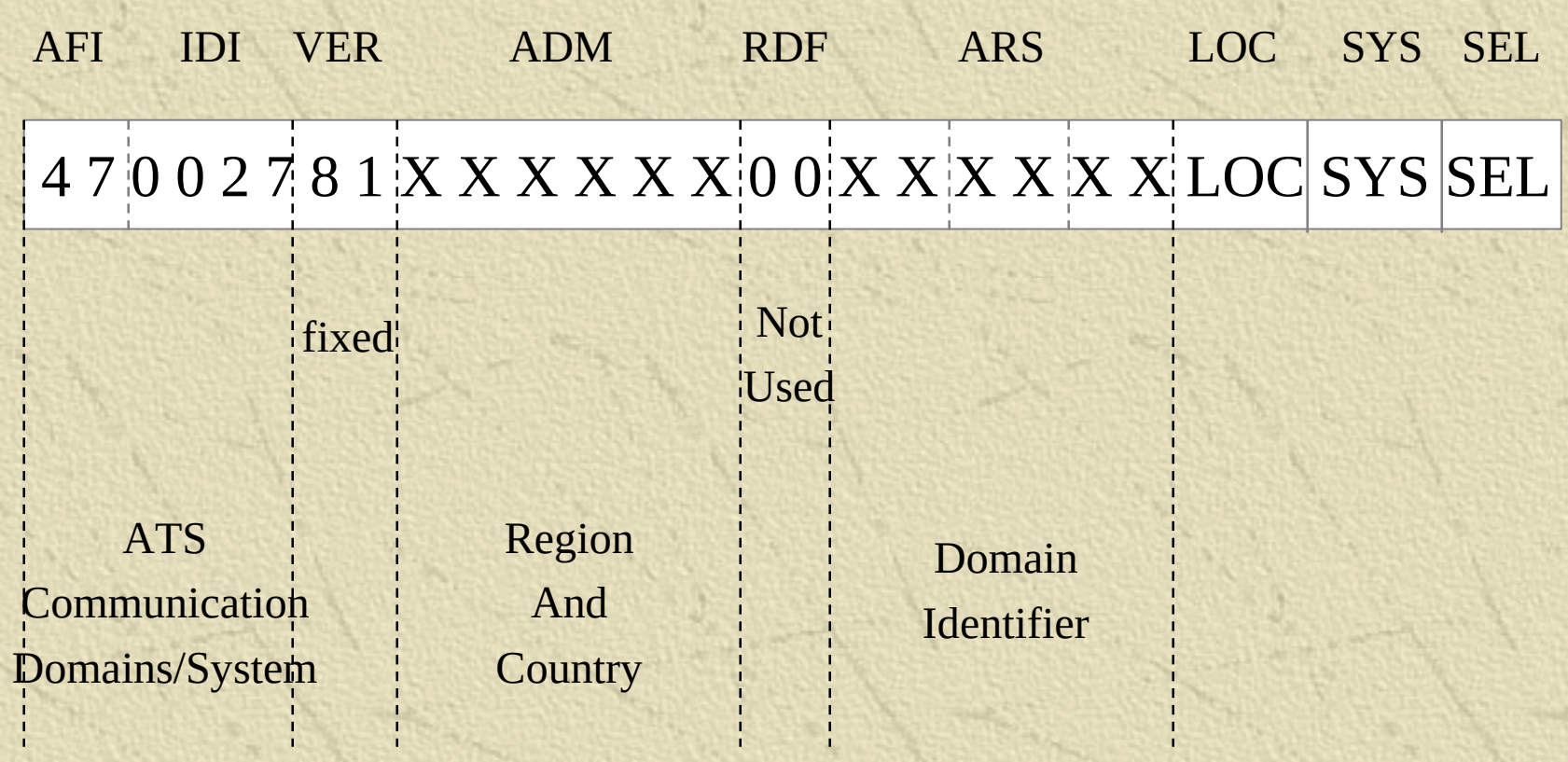
NSAP Addressing Plan: Introduction



NSAP Addressing Plan: Address Format



NSAP Addressing Plan: Assigning Values



NSAP Addressing Plan: Example

AFI	IDI	VER	ADM	RDF	ARS	LOC	SYS	SEL
47	00 27	81	81 56 54	00	01 41 54	42 4B	49 53 00 00 00 01	00

47	00 27	81	81 56 54	00	01 41 54	43 4D	49 53 00 00 00 01	00

ISO gosip

icao

ATSC GRND

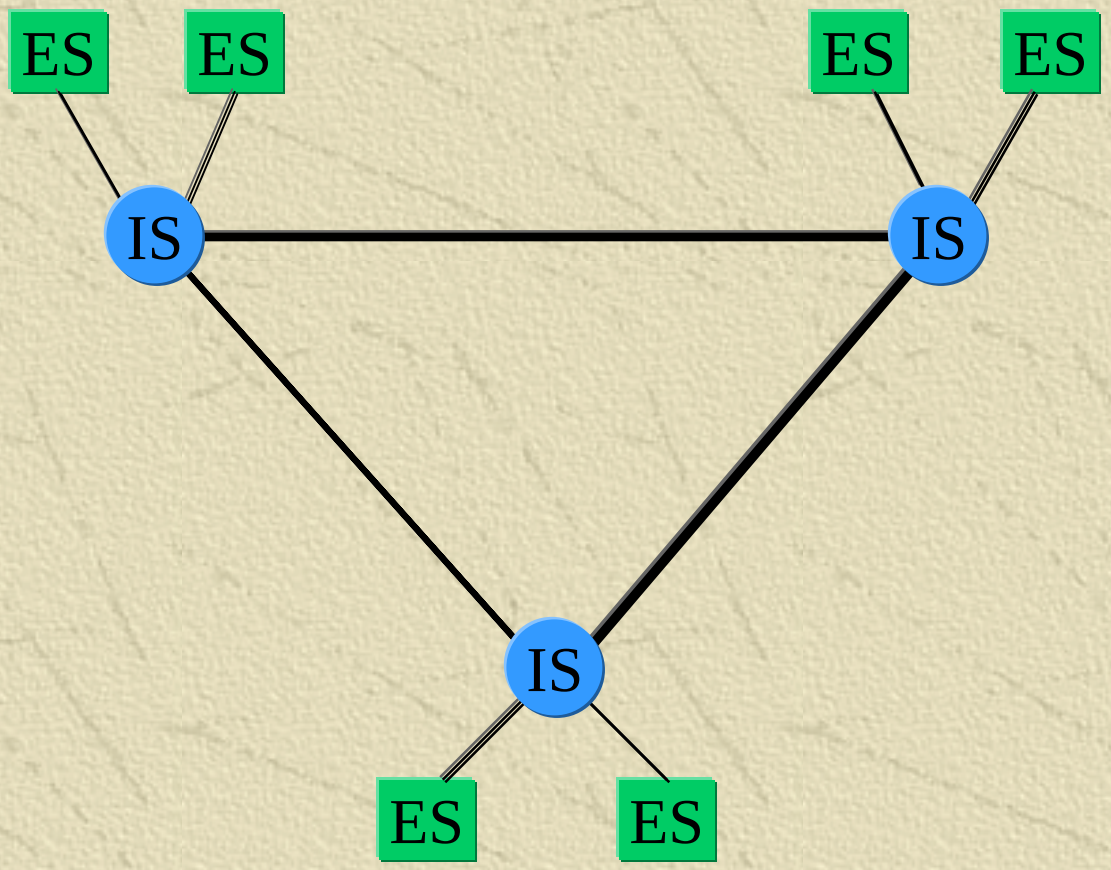
ASIA

country

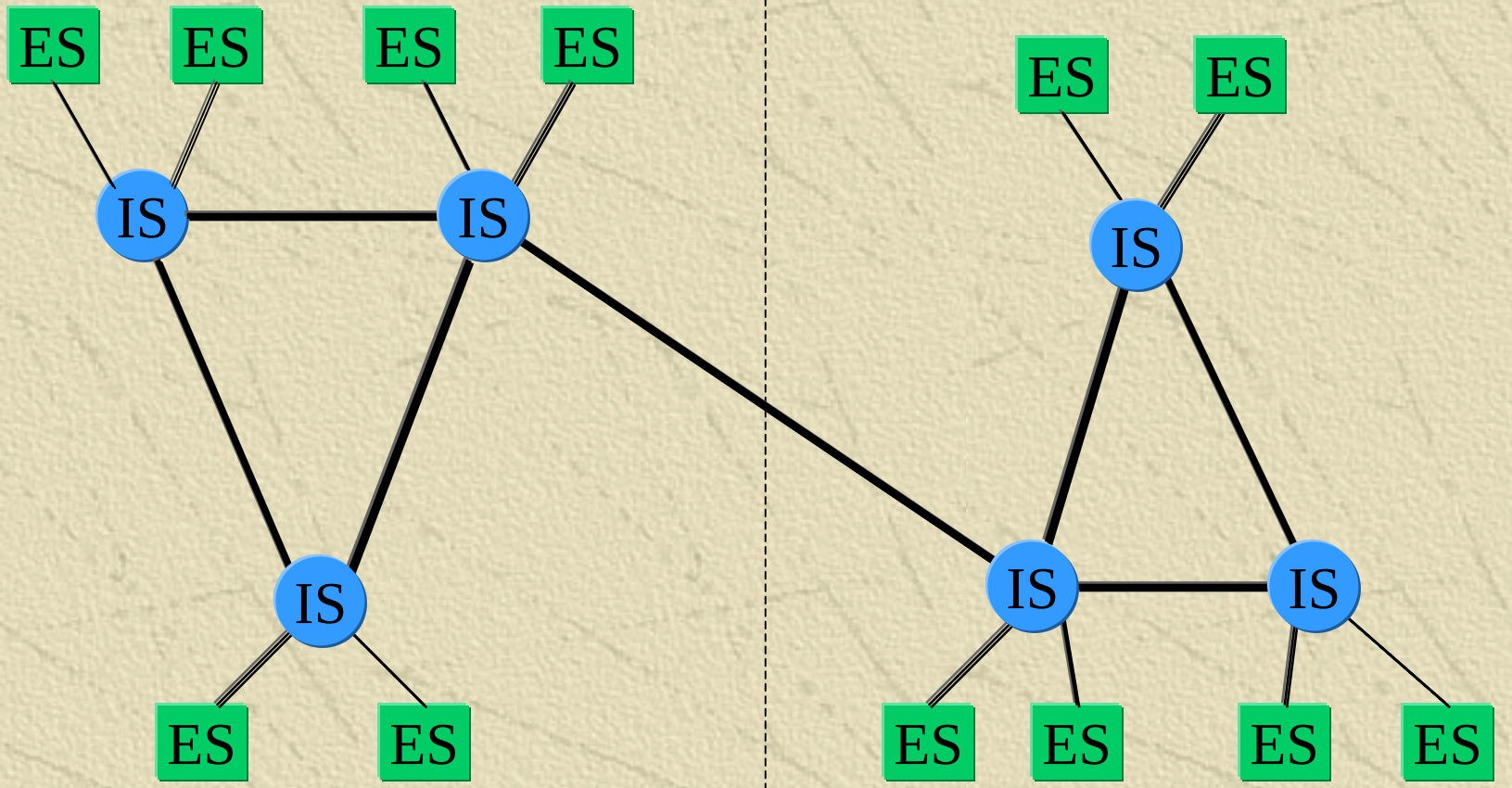
Organization

location

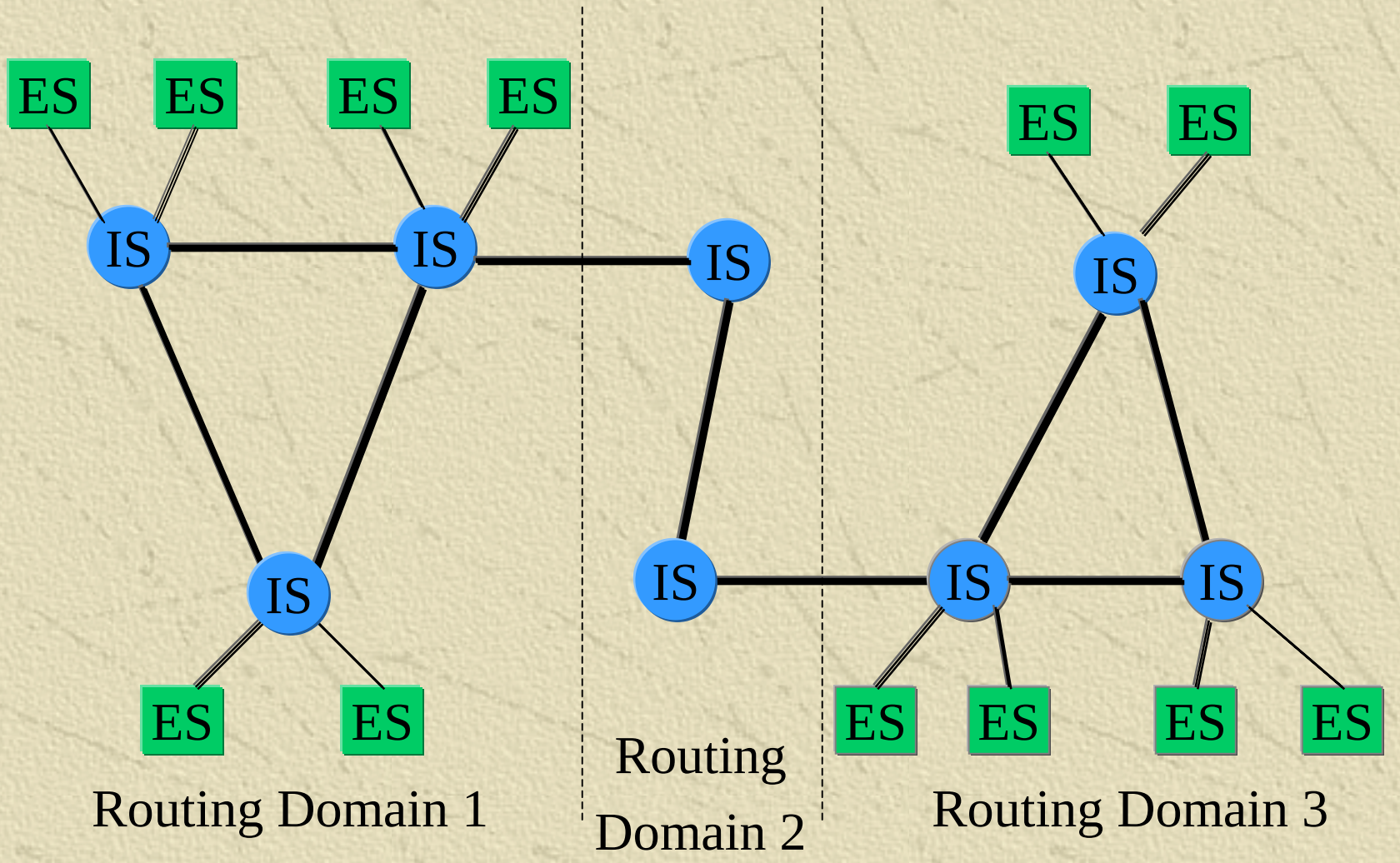
Routing Domain Fundamentals



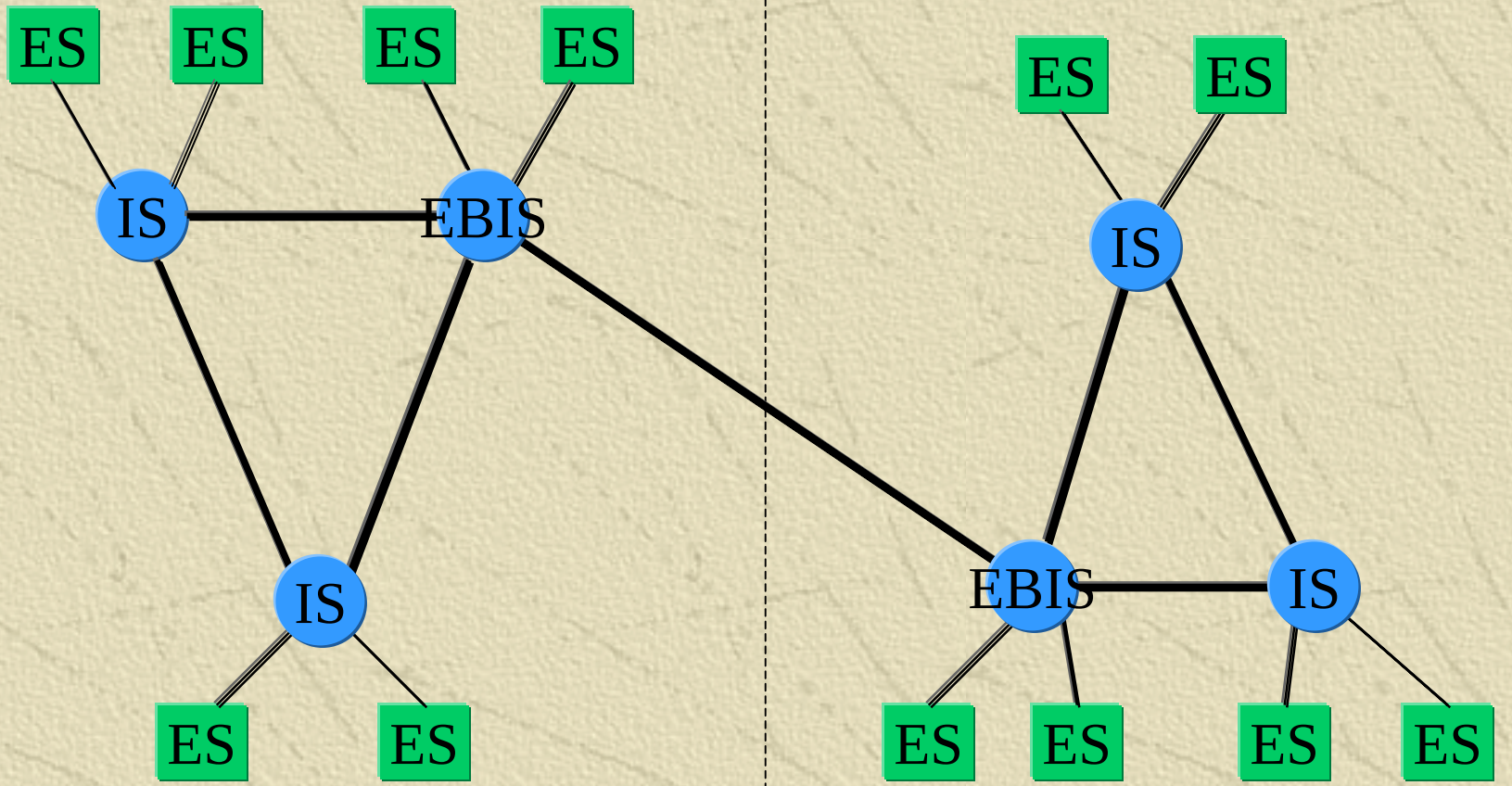
Routing Domain Fundamentals



Routing Domain Fundamentals



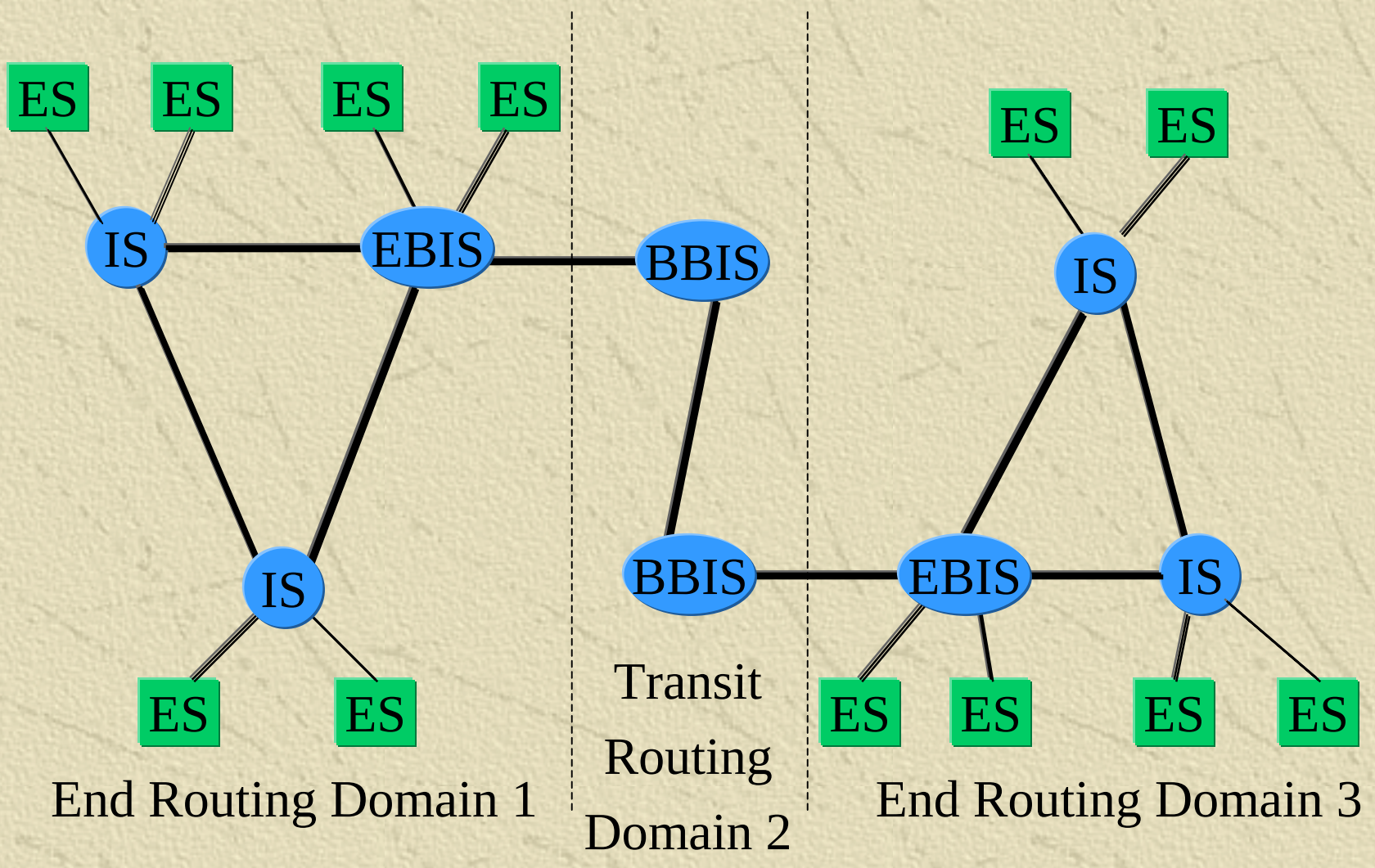
Router Fundamentals



End Routing Domain 1

End Routing Domain 2

Router Fundamentals



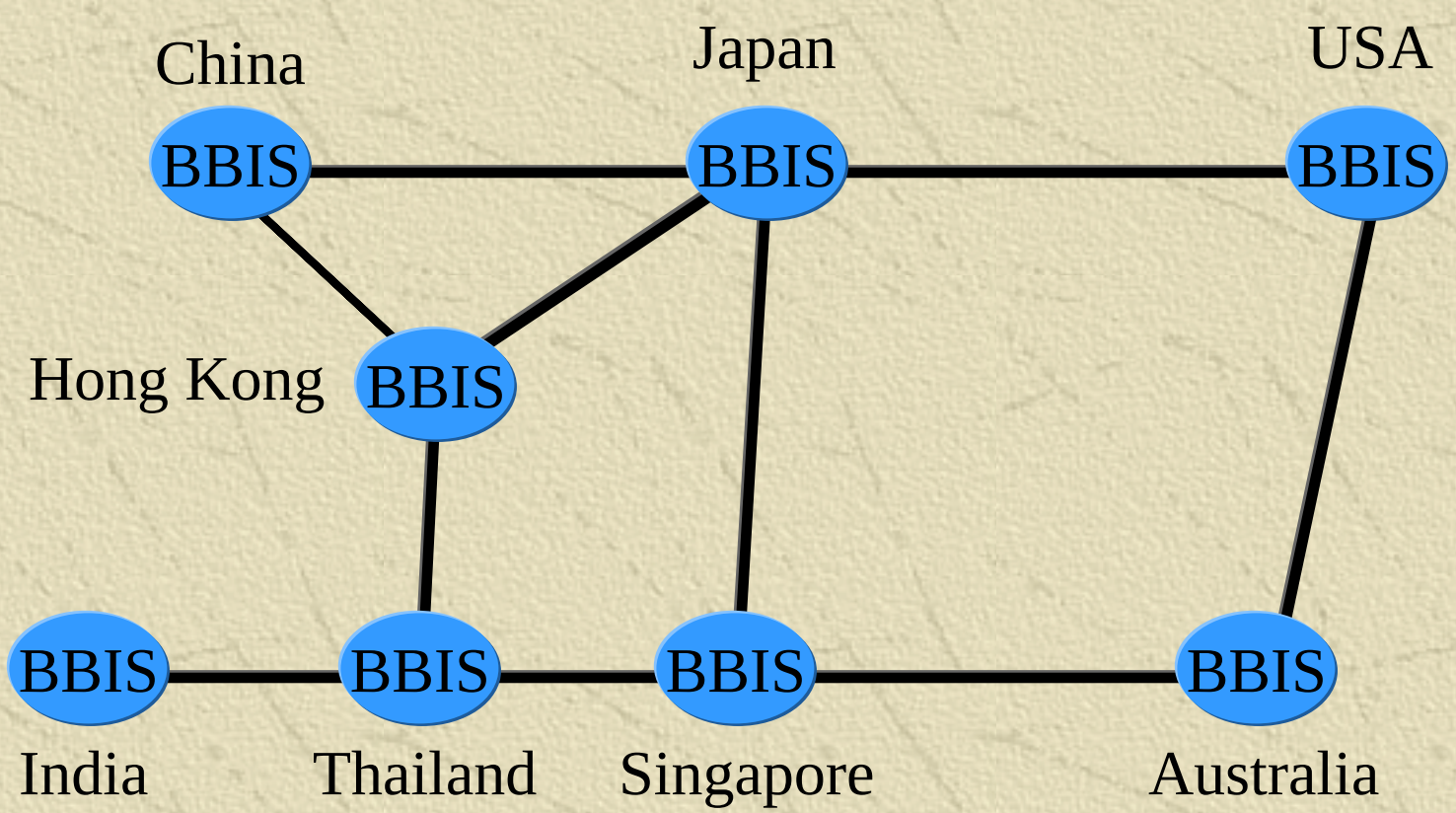
Router Fundamentals

- Router Specification (hardware)
  - Type of interface
  - Number of ports
  - Communication speed

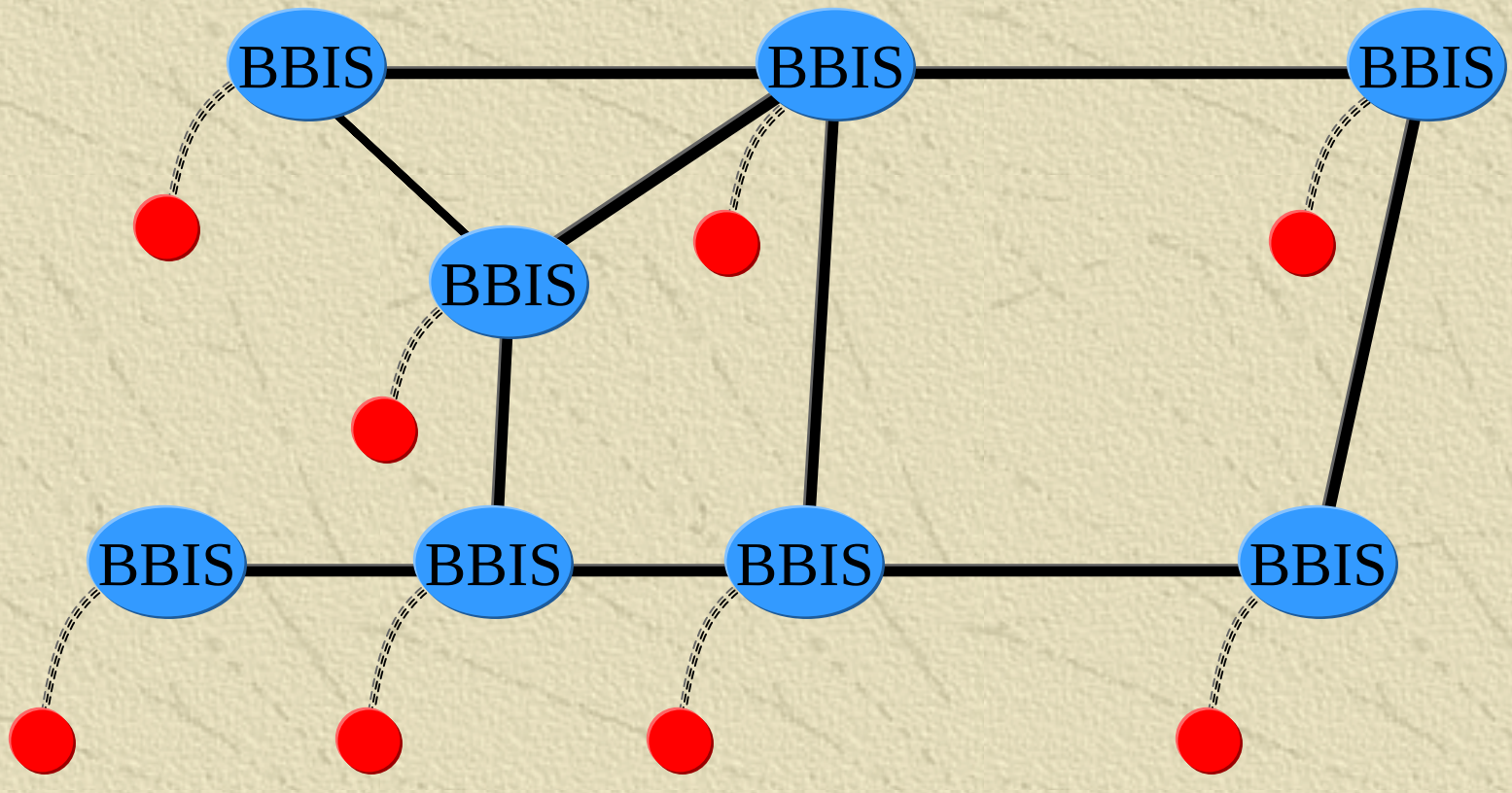
Router Fundamentals

- Router Specification (software)
  - ES-IS protocol
  - IS-IS protocol
  - IDRP protocol
  - CLNP protocol
  - X.25 interface

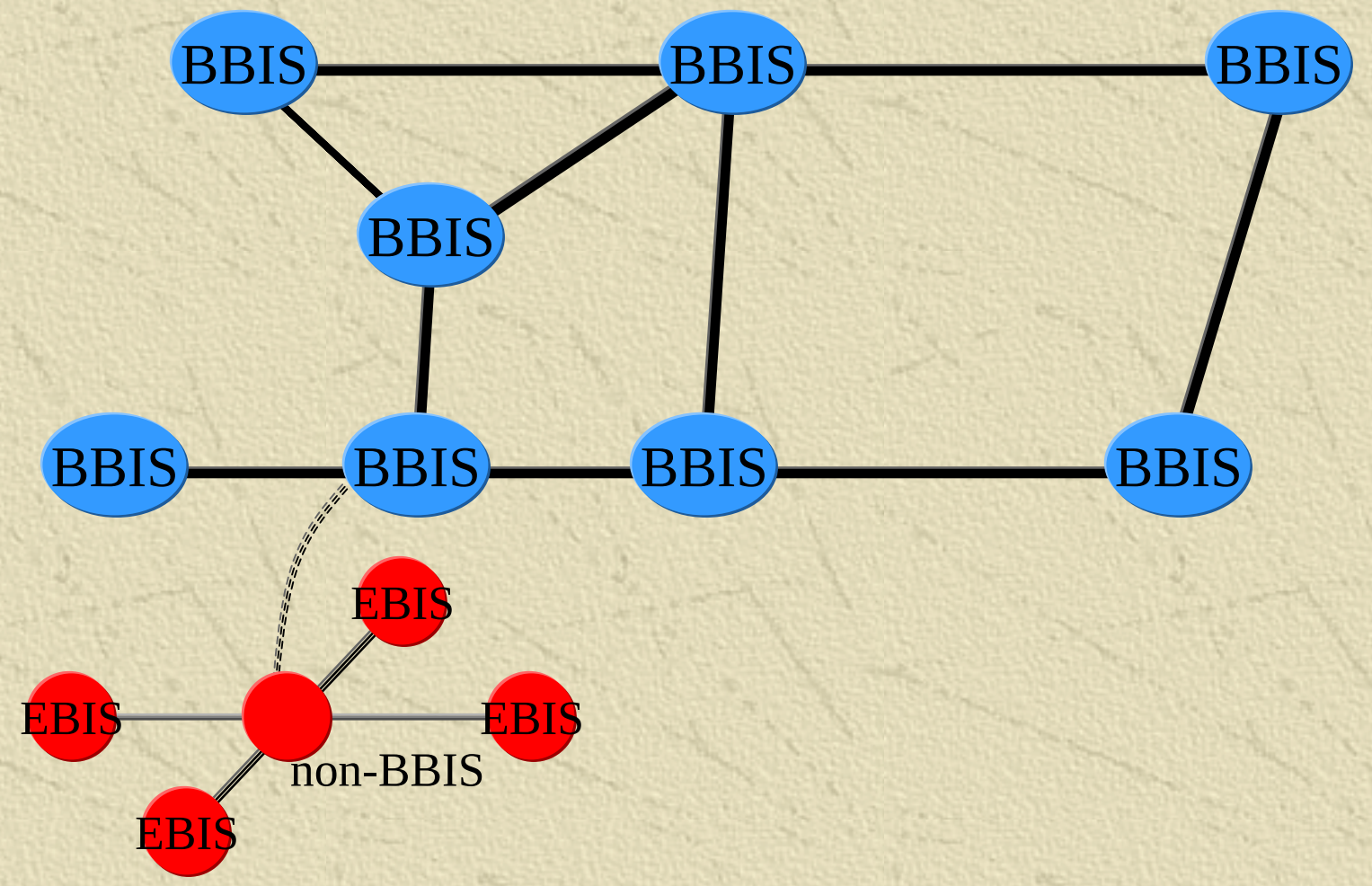
Routing Architecture



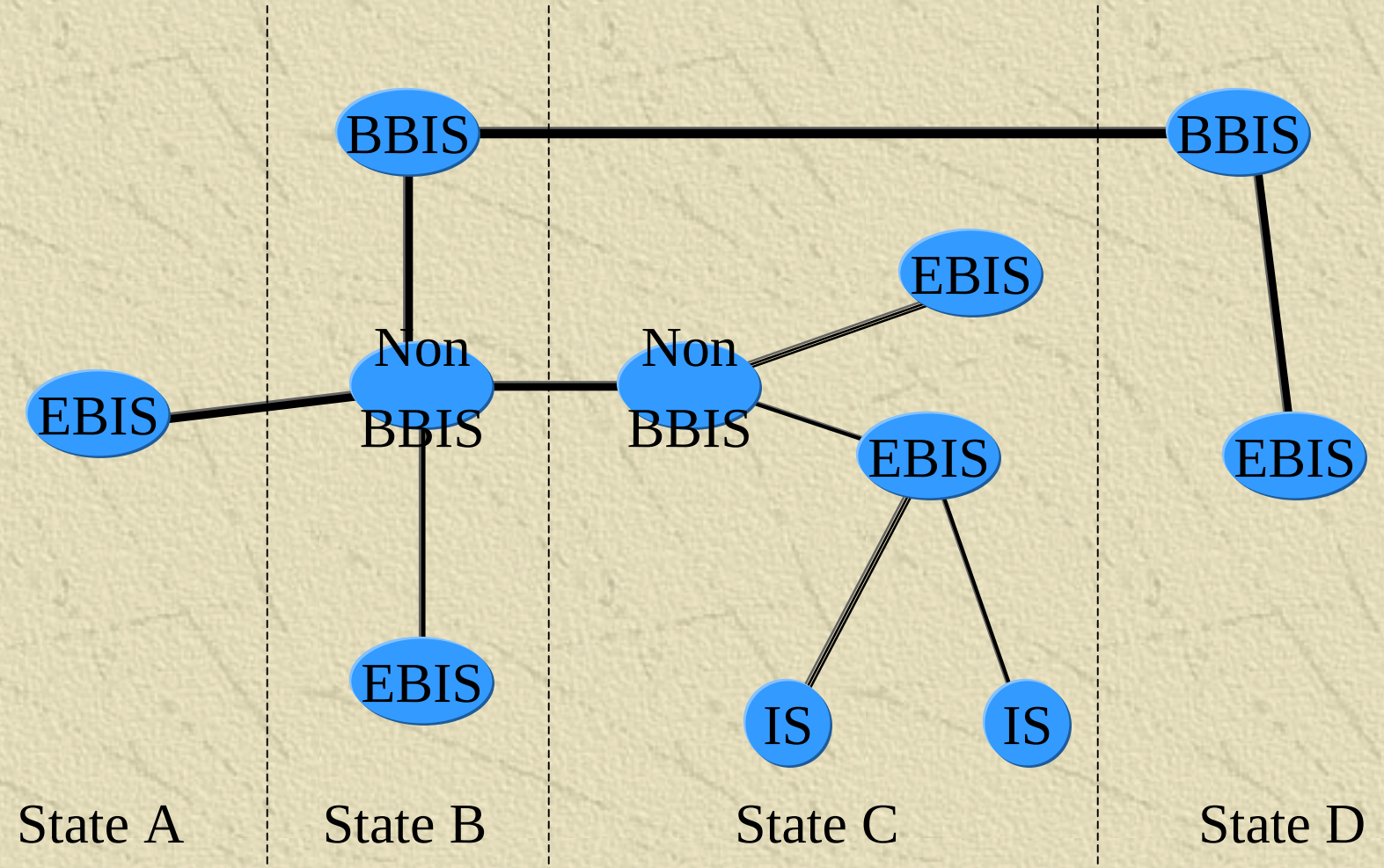
Routing Architecture



Routing Architecture



Routing Architecture



End of Presentation