

Figure 12-15

Token Passing

Token is traveling along the ring.

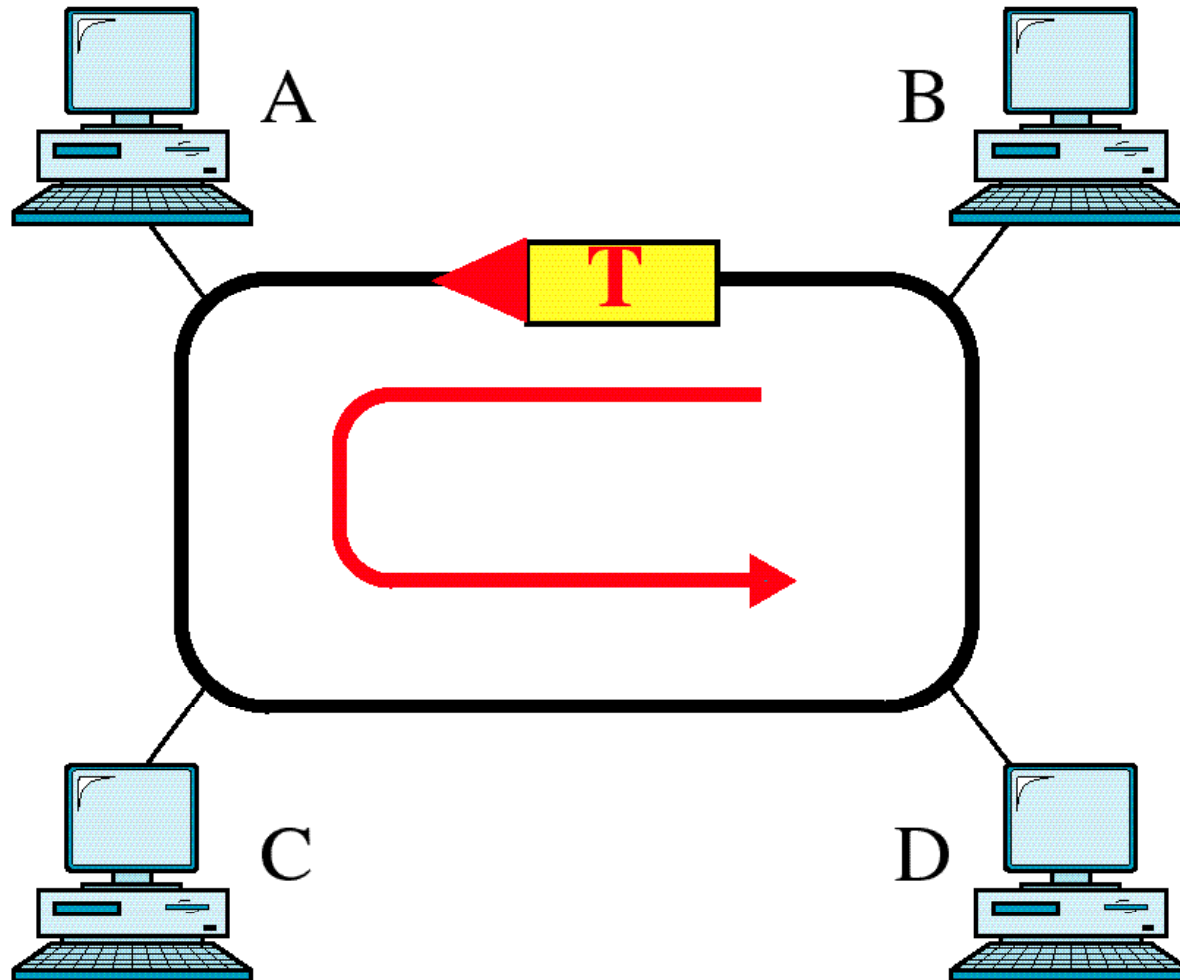


Figure 12-15-continued

Token Passing

Station A captures the token and sends its data to D.

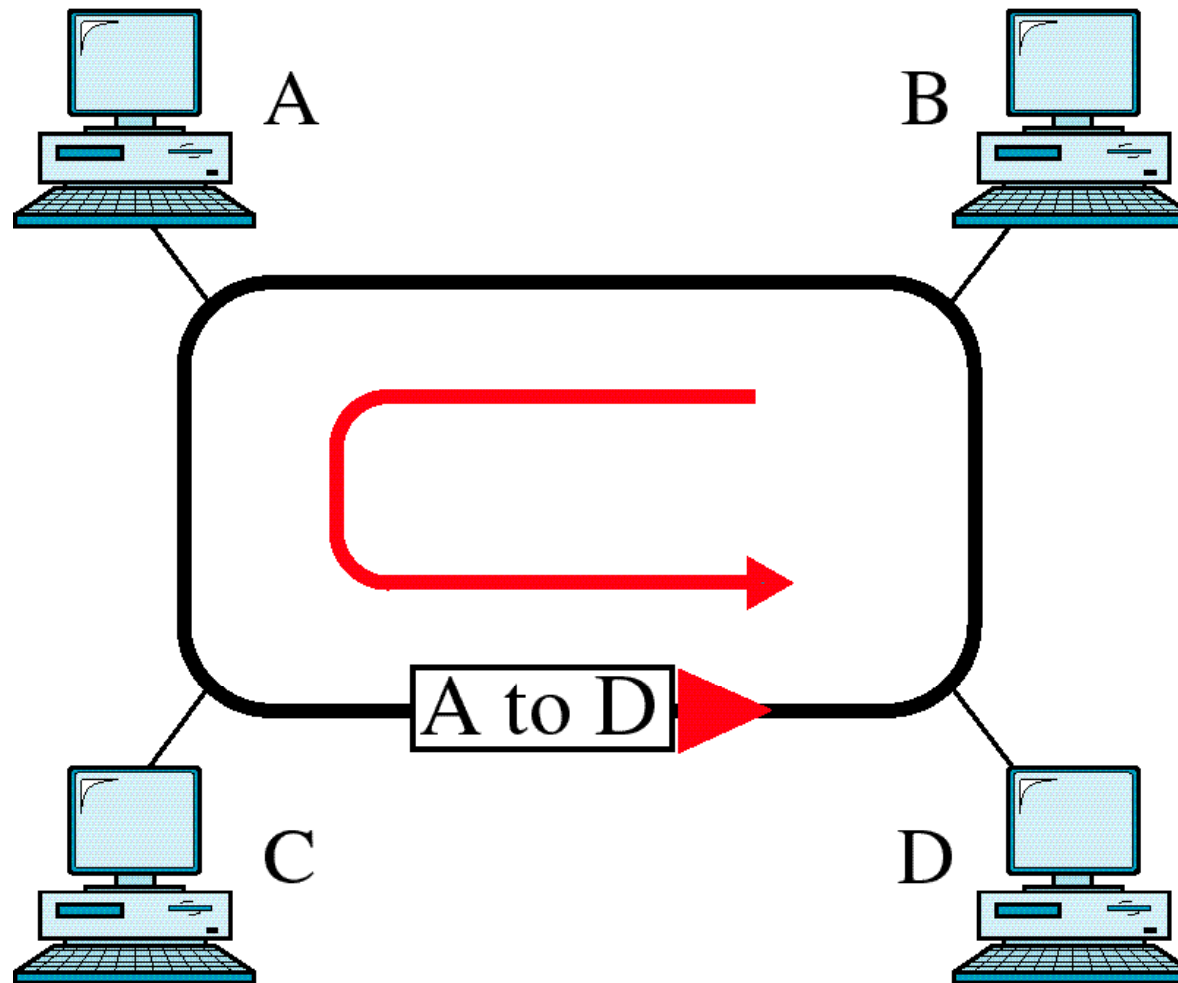


Figure 12-15-continued

Token Passing

Station D copies the frame and sends the data back to the ring.

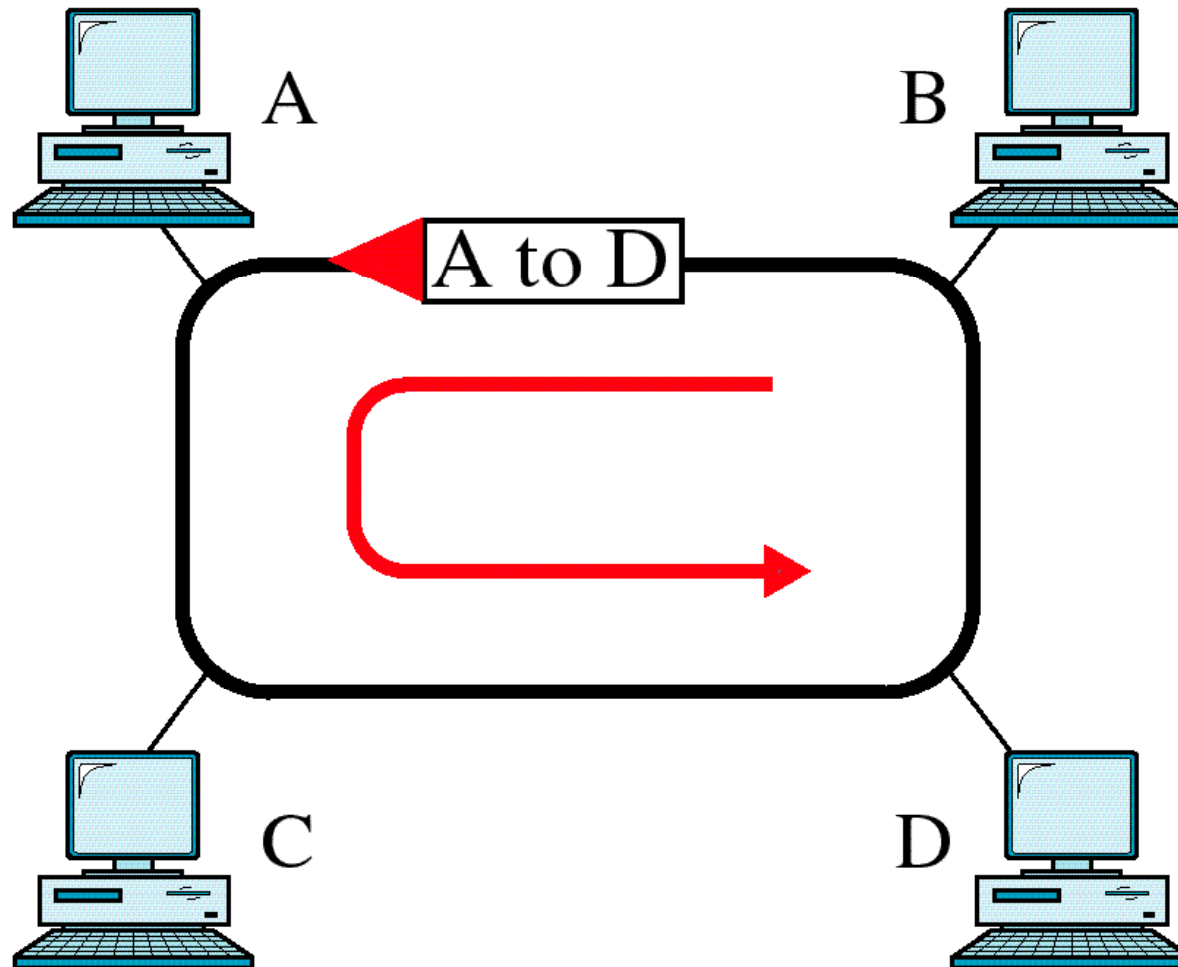


Figure 12-15-continued

Token Passing

Station A receives the frame
and releases the token.

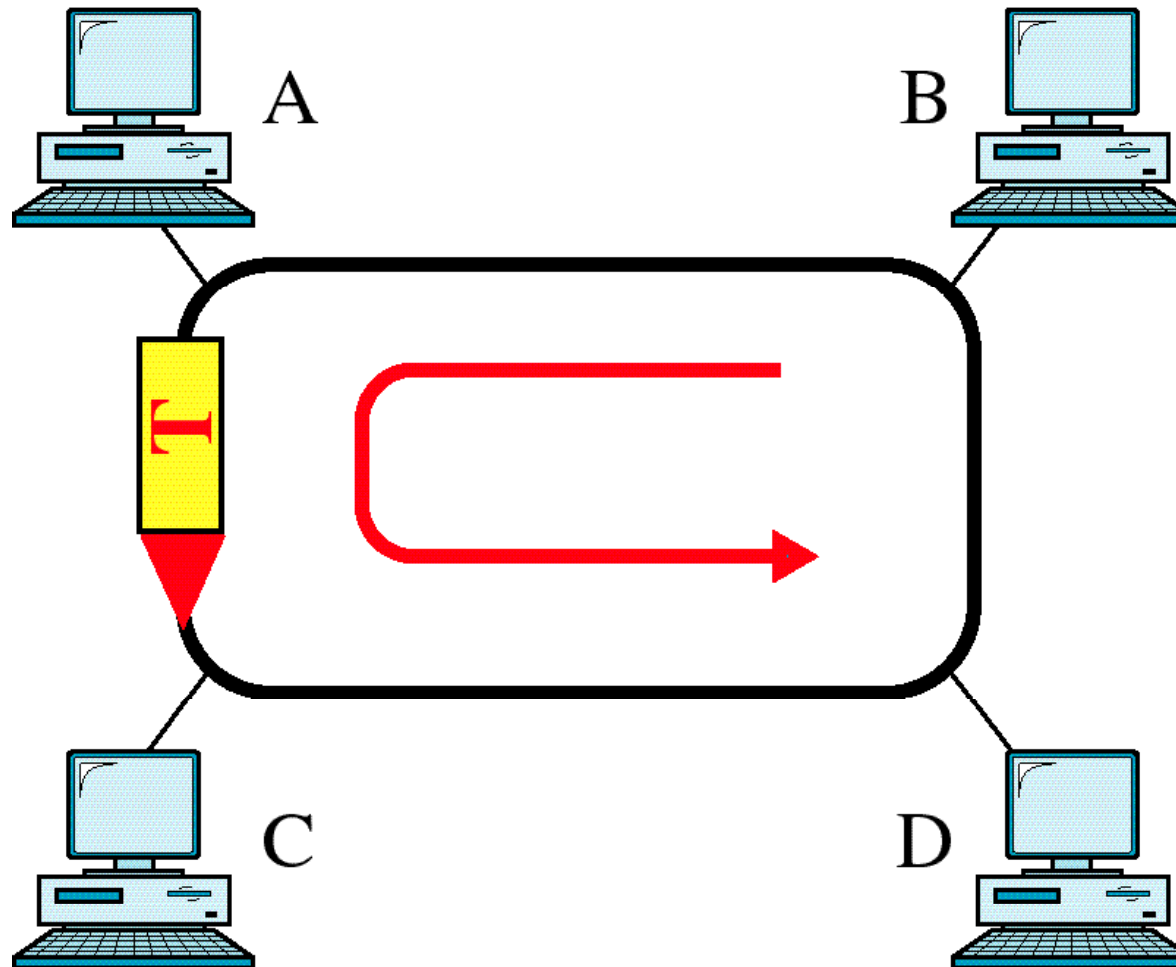
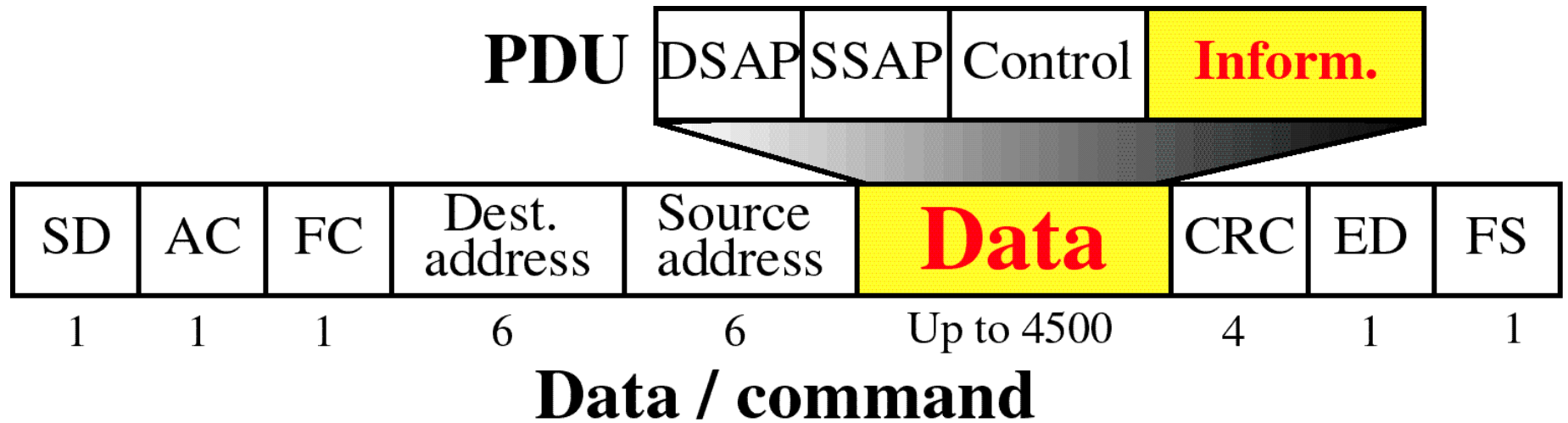


Figure 12-16

Token Ring Frame



- SD Start delimiter (flag)
- AC Access control (priority)
- FC Frame control (frame type)
- ED End delimiter (flag)
- FS Frame status



Token



Abort

Figure 12-17

Data Frame Fields

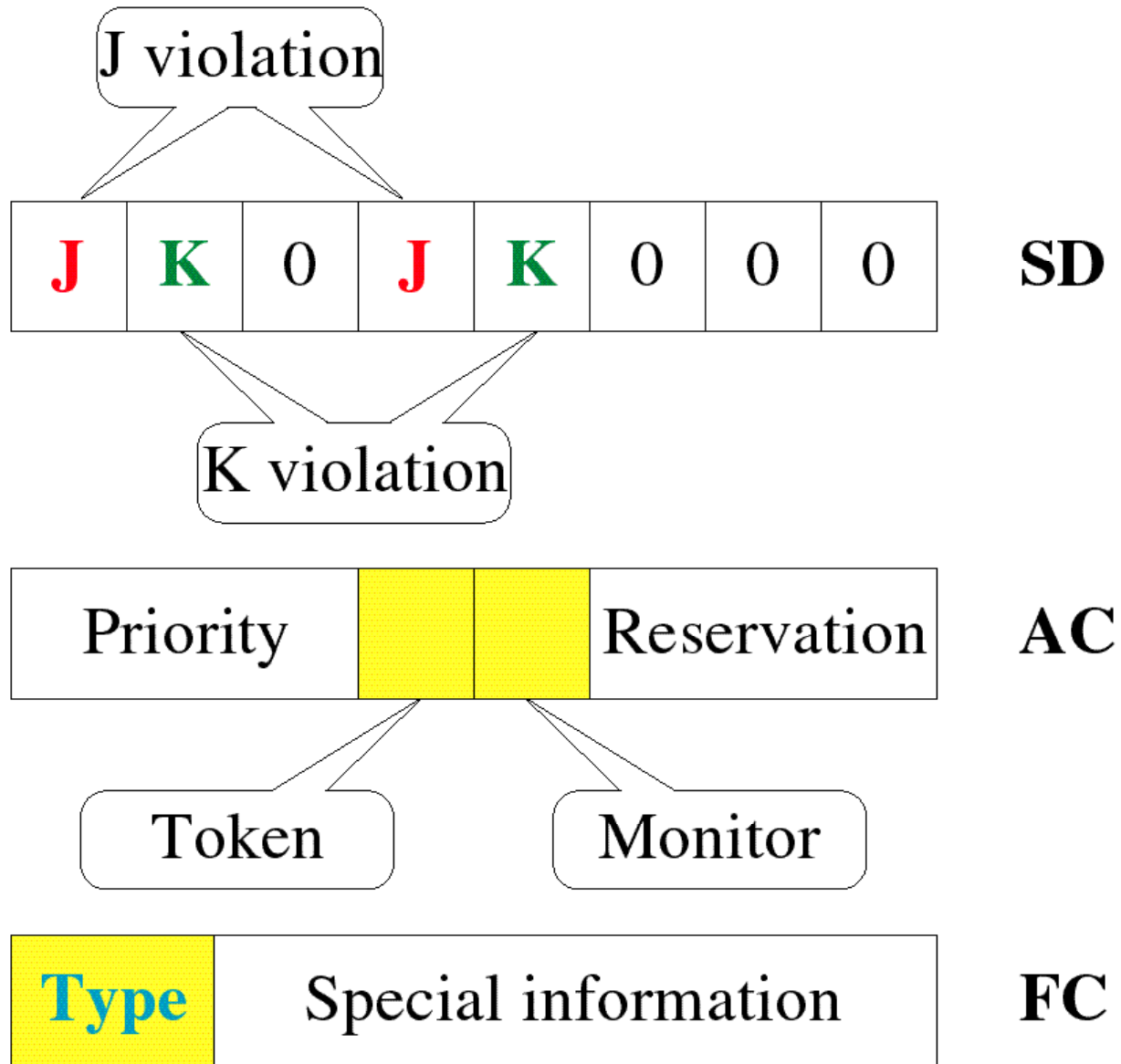


Figure 12-17-continued

Data Frame Fields

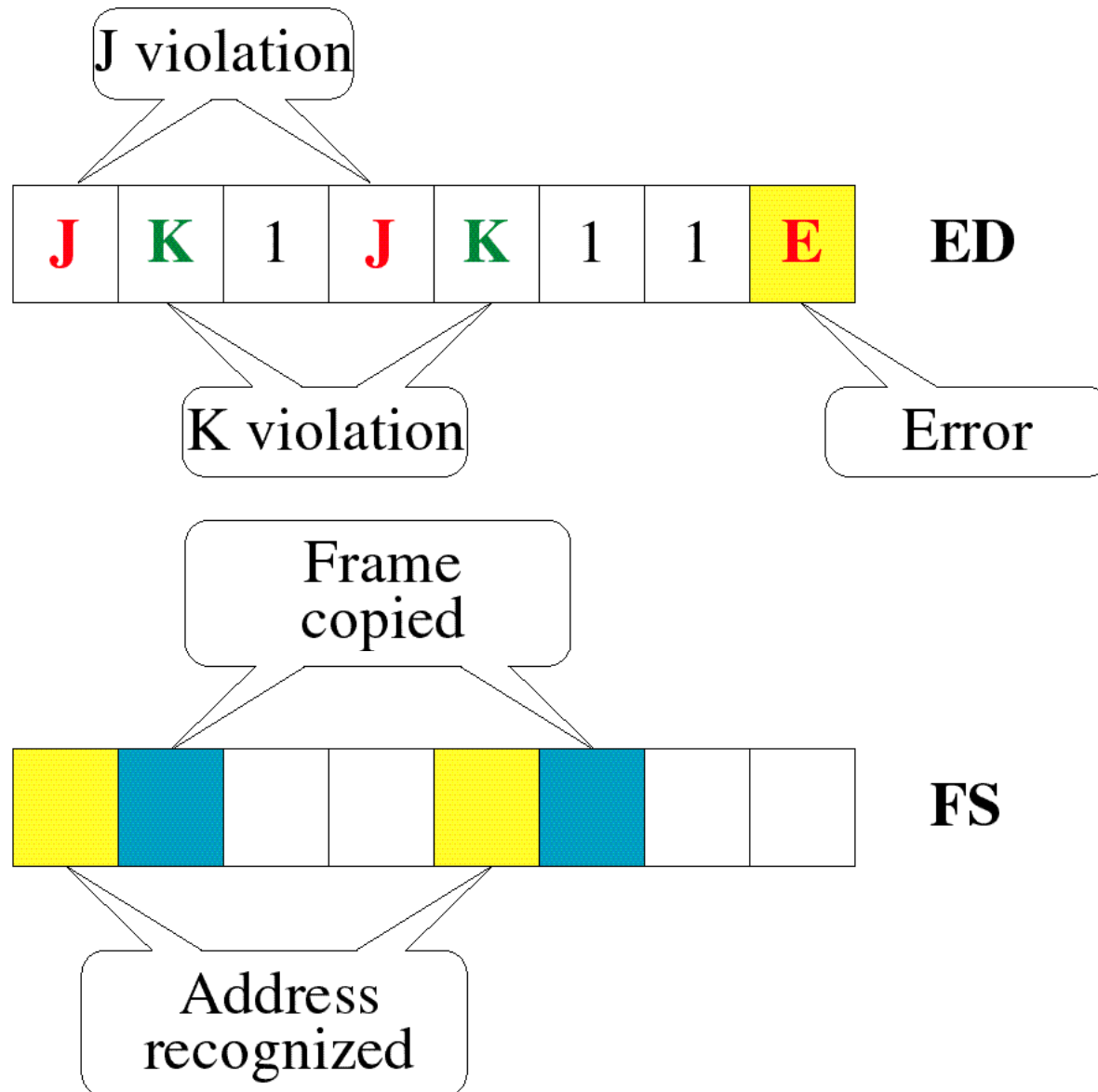


Figure 12-18

Token Ring

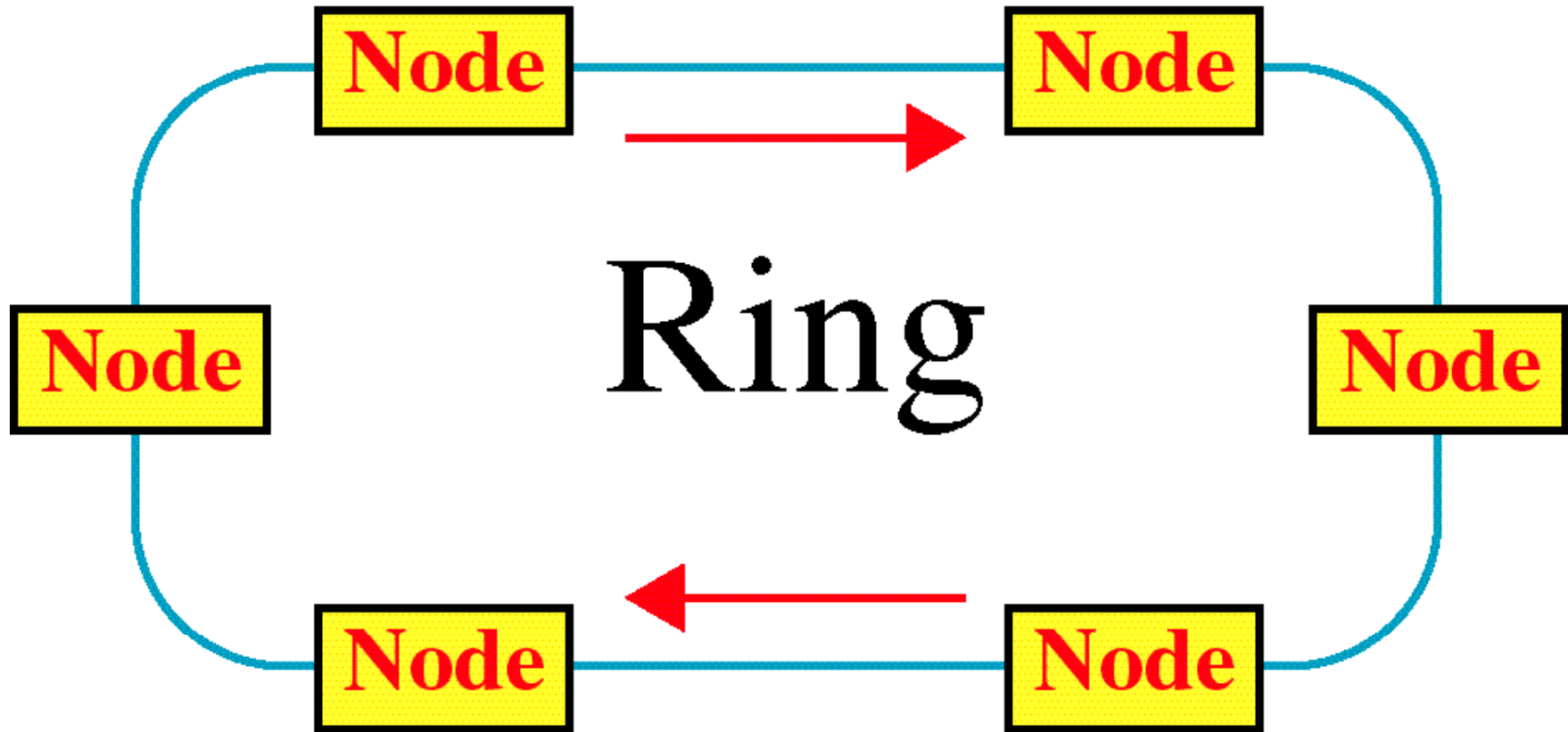


Figure 12-19

Token Ring Switch

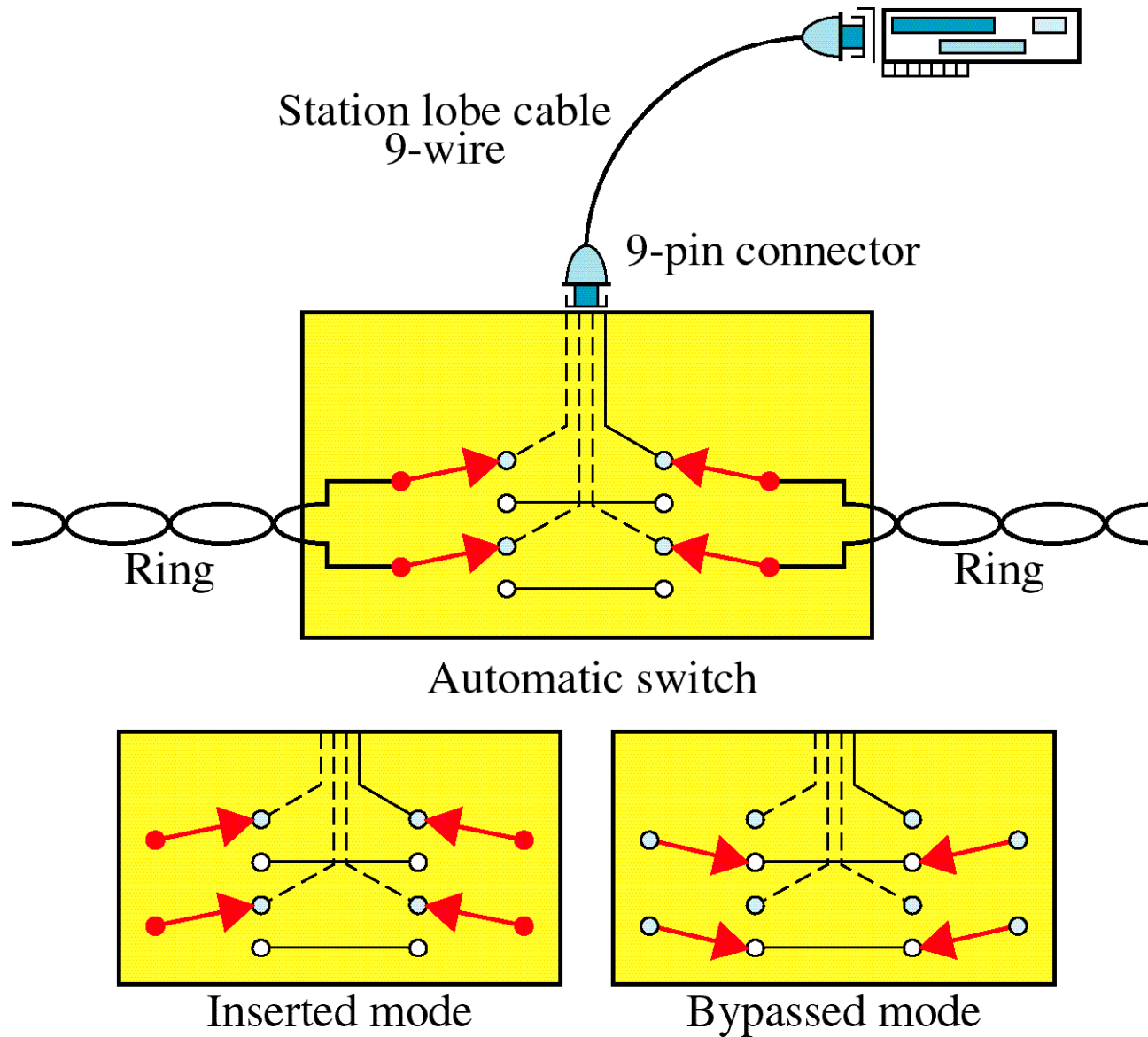
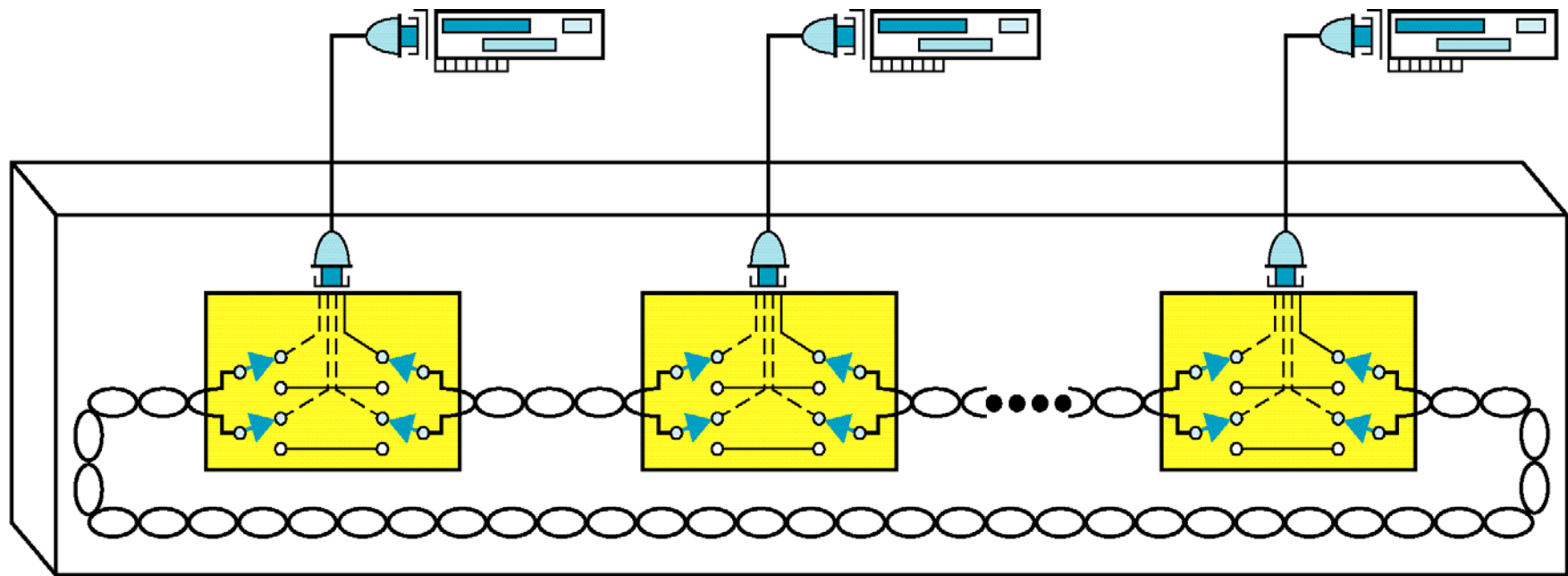


Figure 12-20

MAU



Multistation access unit (MAU)

Figure 12-21

FDDI

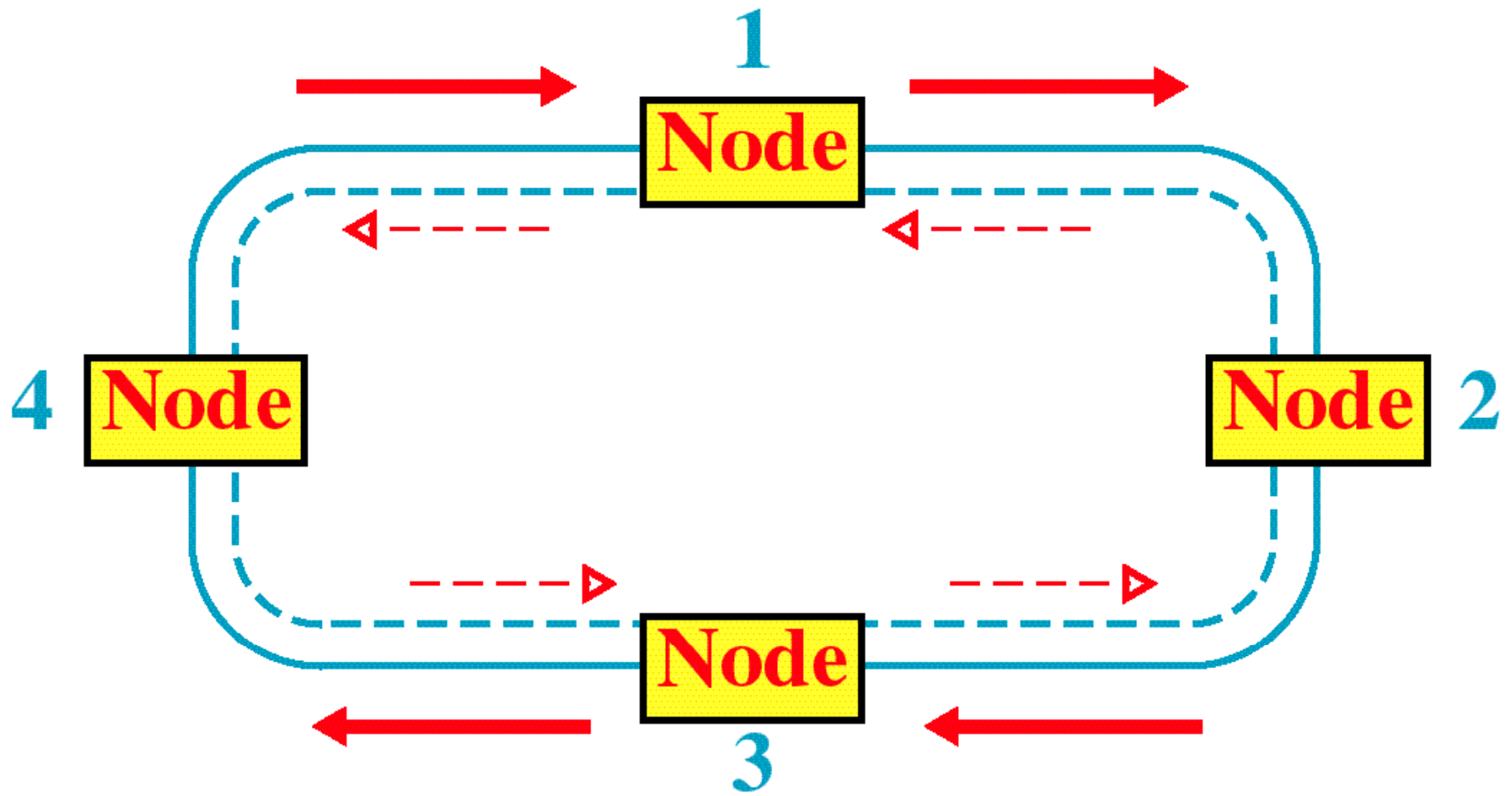


Figure 12-22

FDDI Example

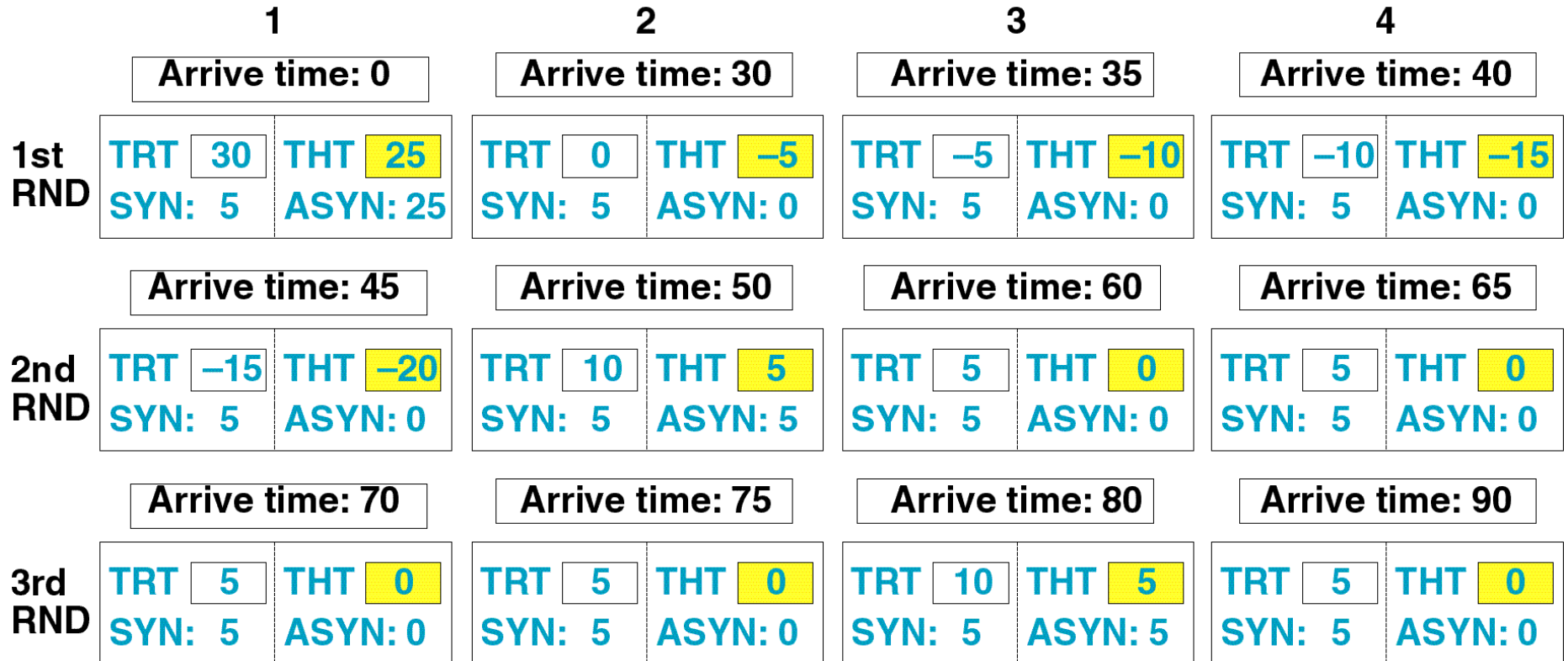


Figure 12-22-continued

FDDI Example

	Arrive time: 95	Arrive time: 100	Arrive time: 105	Arrive time: 110																																
4th RND	<table border="1"> <tr> <td>TRT</td> <td>5</td> <td>THT</td> <td>0</td> </tr> <tr> <td>SYN:</td> <td>5</td> <td>ASYN:</td> <td>0</td> </tr> </table>	TRT	5	THT	0	SYN:	5	ASYN:	0	<table border="1"> <tr> <td>TRT</td> <td>5</td> <td>THT</td> <td>0</td> </tr> <tr> <td>SYN:</td> <td>5</td> <td>ASYN:</td> <td>0</td> </tr> </table>	TRT	5	THT	0	SYN:	5	ASYN:	0	<table border="1"> <tr> <td>TRT</td> <td>5</td> <td>THT</td> <td>0</td> </tr> <tr> <td>SYN:</td> <td>5</td> <td>ASYN:</td> <td>0</td> </tr> </table>	TRT	5	THT	0	SYN:	5	ASYN:	0	<table border="1"> <tr> <td>TRT</td> <td>10</td> <td>THT</td> <td>5</td> </tr> <tr> <td>SYN:</td> <td>5</td> <td>ASYN:</td> <td>5</td> </tr> </table>	TRT	10	THT	5	SYN:	5	ASYN:	5
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	Arrive time: 120	Arrive time: 125	Arrive time: 130	Arrive time: 135																																
5th RND	<table border="1"> <tr> <td>TRT</td> <td>5</td> <td>THT</td> <td>0</td> </tr> <tr> <td>SYN:</td> <td>5</td> <td>ASYN:</td> <td>0</td> </tr> </table>	TRT	5	THT	0	SYN:	5	ASYN:	0	<table border="1"> <tr> <td>TRT</td> <td>5</td> <td>THT</td> <td>0</td> </tr> <tr> <td>SYN:</td> <td>5</td> <td>ASYN:</td> <td>0</td> </tr> </table>	TRT	5	THT	0	SYN:	5	ASYN:	0	<table border="1"> <tr> <td>TRT</td> <td>5</td> <td>THT</td> <td>0</td> </tr> <tr> <td>SYN:</td> <td>5</td> <td>ASYN:</td> <td>0</td> </tr> </table>	TRT	5	THT	0	SYN:	5	ASYN:	0	<table border="1"> <tr> <td>TRT</td> <td>5</td> <td>THT</td> <td>0</td> </tr> <tr> <td>SYN:</td> <td>5</td> <td>ASYN:</td> <td>0</td> </tr> </table>	TRT	5	THT	0	SYN:	5	ASYN:	0
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SYN:	5	ASYN:	0																																	

Figure 12-23

FDDI Encoding

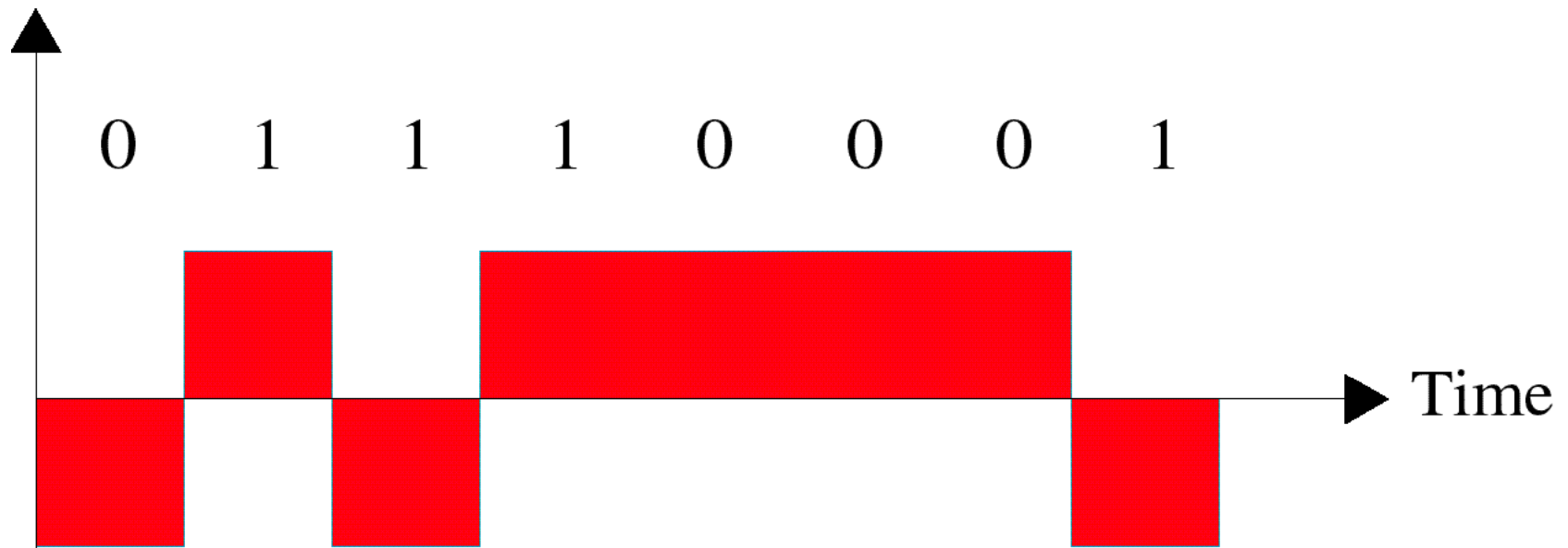


Figure 12-24

FDDI Layers

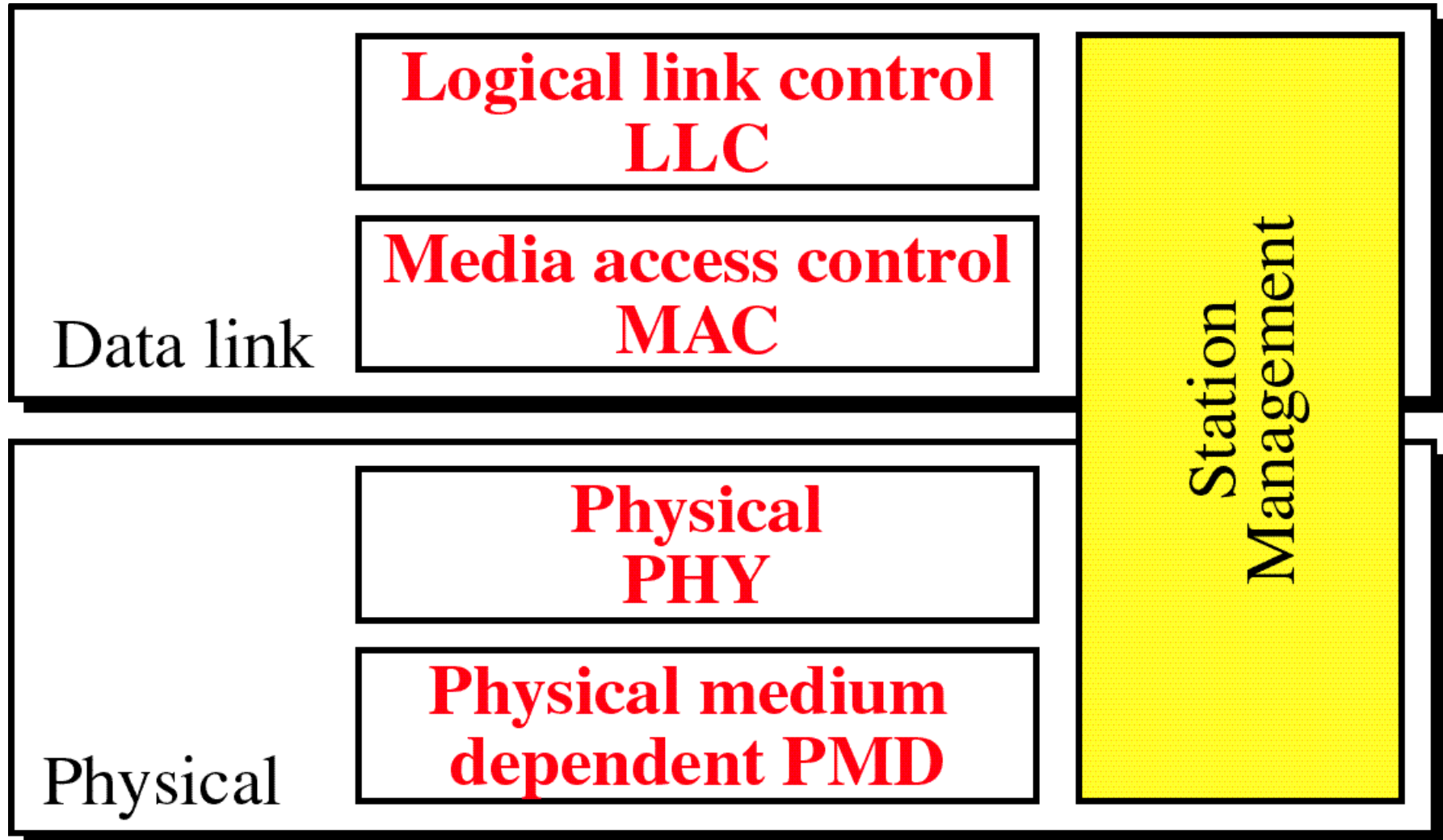
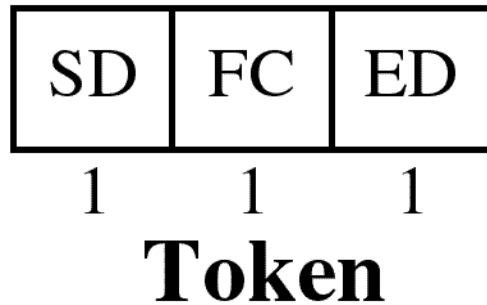


Figure 12-25

FDDI Frames



- SD Start delimiter (flag)
- FC Frame control (frame type)
- ED End delimiter (flag)
- CRC Cyclic redundancy check
- FS Frame status

LLC Data unit

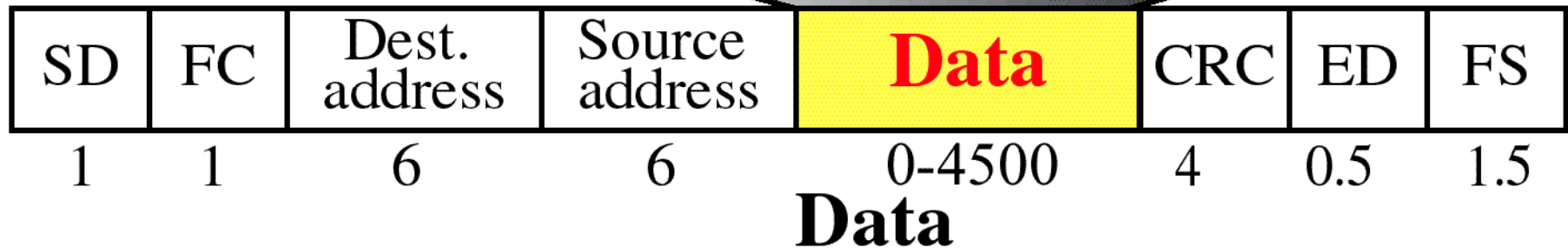


Figure 12-26

FDDI Rings

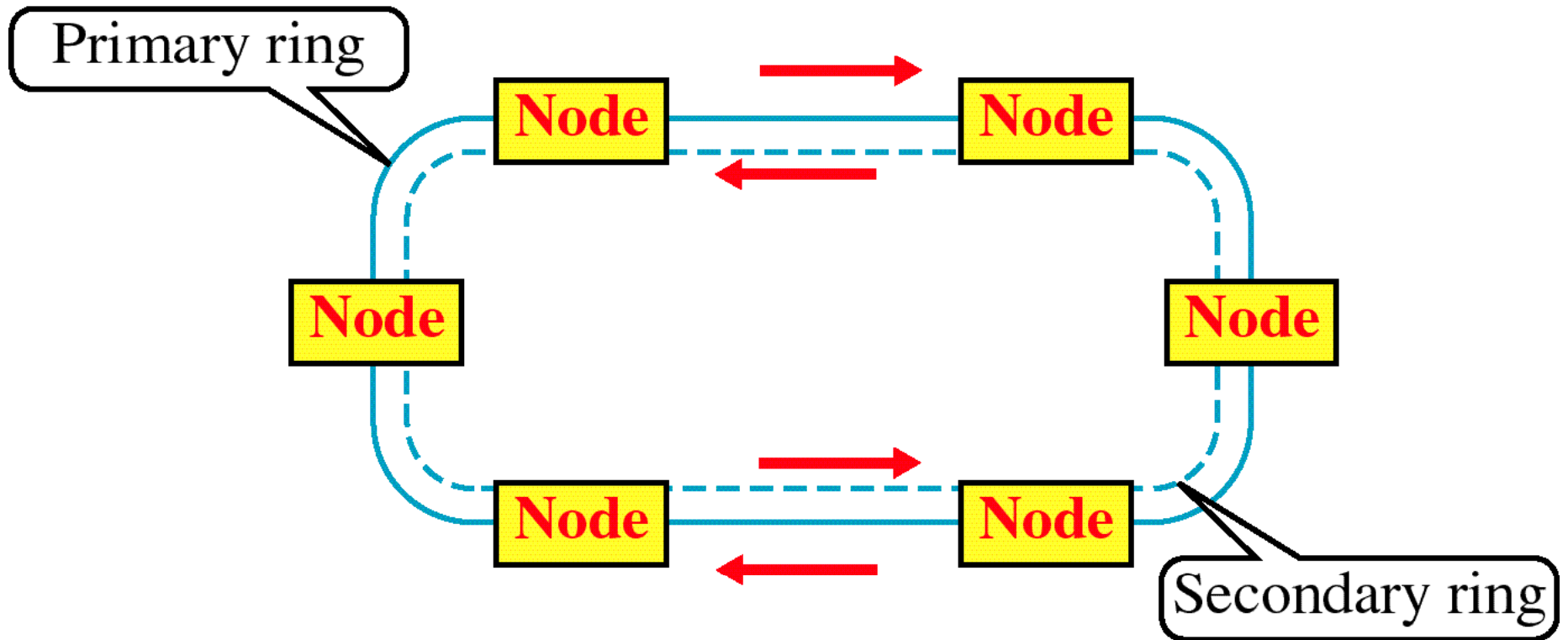


Figure 12-27

FDDI Ring Failure

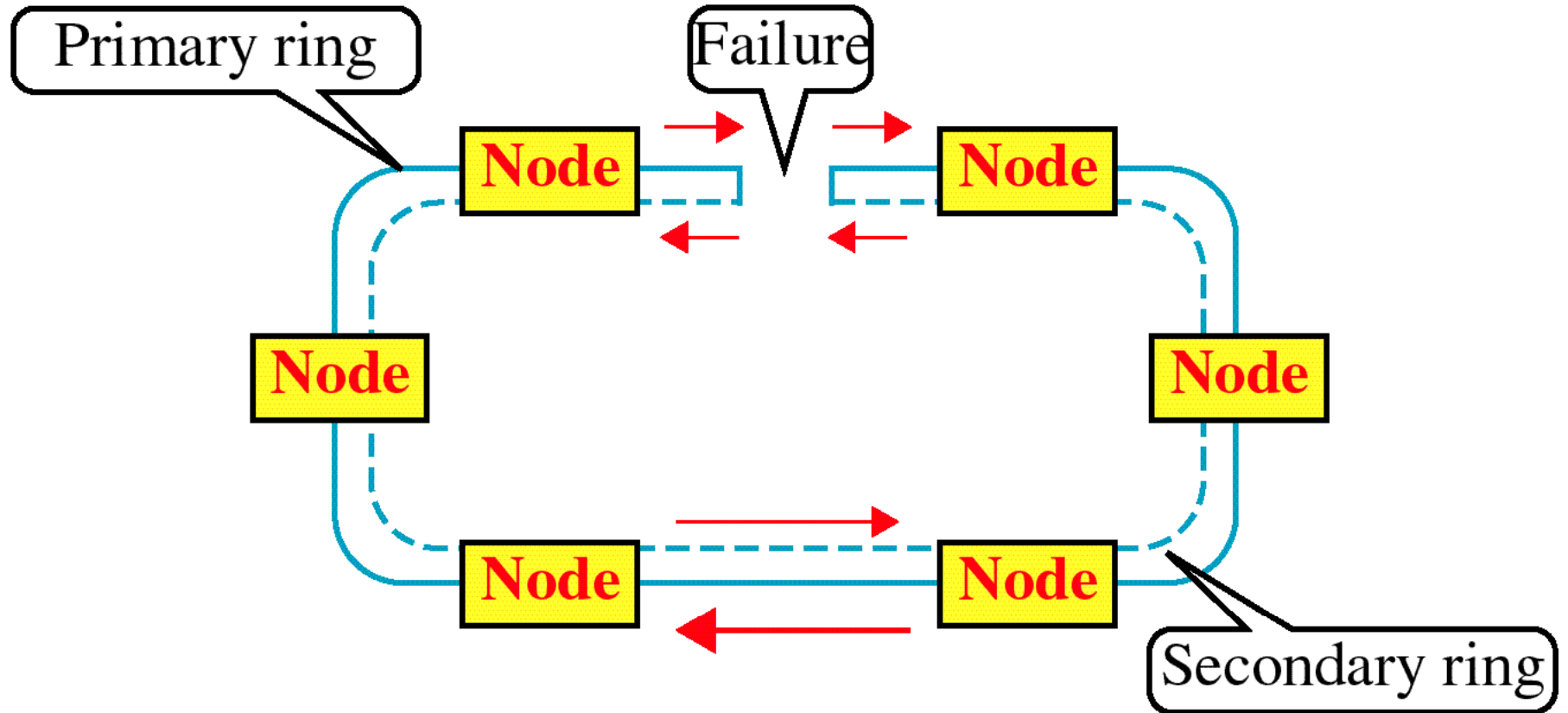


Figure 12-28

FDDI Nodes

