



Frame Relay-ATM Interworking Supported Standards

This appendix describes the Frame Relay Forum standards that are supported by the following features:

- [FRF.5 Frame Relay-ATM Network Interworking](#)
- [FRF.8 Frame Relay-ATM Service Interworking](#)

FRF.5 Frame Relay-ATM Network Interworking

This section compares the networking standards defined in Frame Relay Forum document number FRF.5, *Frame Relay/ATM PVC Network Interworking Implementation Agreement*, with those defined for the Cisco FRF.5 Frame Relay-to-ATM Network Interworking feature.

The following sections and subsections in this implementation agreement are supported as follows:

- 4.1 Frame Formatting and Delimiting: Only the default (2 octet) address field is supported.
- 4.3 Connection Multiplexing: Mapping one-to-one connections between a Frame Relay data-link connection identifier (DLCI) and Frame Relay service specific convergence sublayer (SSCS) DLCI is done using the default DLCI value of 1022. Mapping many-to-one connections from Frame Relay DLCI to Frame Relay-SSCS DLCI and vice versa is user-configured (and it must be agreed upon between the two ATM end systems).
- 4.5.2.2 Frame Relay to B-ISDN Direction: Backward congestion indication is not supported.
- 5.1 Traffic Management: There is no direct mapping between Frame Relay and ATM traffic parameters; these parameters are configured independently.
- 5.2 PVC Management: PVC management is not supported.
- 5.3 Description of Upper Layer User Protocol Encapsulation Methods: This section applies only to terminal equipment and is not supported.
- 5.4.1 Operations for the Common Part of the AAL Type 5: The error counters mentioned in this section are reset at startup, and are counted until they are reset.

For information about how to configure FRF.5 Frame Relay-ATM Network Interworking, see the chapter [“Configuring Frame Relay-ATM Interworking.”](#)



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FRF.8 Frame Relay-ATM Service Interworking

This section compares the networking standards defined in Frame Relay Forum Document Number FRF.8, *Frame Relay/ATM PVC Service Interworking Implementation Agreement*, with those defined for the Cisco FRF.8 Frame Relay-to-ATM Service Interworking feature.

The following sections and subsections in the FRF.8 agreement are supported as follows:

- 5.1 Traffic Management: There is no direct mapping between the Frame Relay and ATM traffic parameters; these parameters are configured independently.
- 5.2 Frame Relay PVC Management Procedures: Procedures for the asynchronous status message defined in Q.933 annex A are not supported.
- 5.3.1.4 Fragmentation and Reassembly: Fragmentation and reassembly are not supported.
- 5.4 Address Resolution: The IP and IPX protocols are supported.
- 6.0 Operations for the Common Part of the AAL Type 5: The error counters mentioned in this section are reset at startup, and are counted until they are reset.

For information about how to configure FRF.8 Frame Relay-ATM Service Interworking, see the chapter [“Configuring Frame Relay-ATM Interworking.”](#)

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