4.6.2 DLUR Configuration Errors

These are problems caused by incorrect configuration by the network administrator.

4.6.2.1 APPN/DLUR Alert CPDL002

Alert Condition:

While configuring this DLUR product, a network administrator has mistakenly specified the name of another DLUR node as the server for one or more PUs. This alert is sent by a DLUR node when a CPSVRMGR session that it initiated is unbound by the session partner with sense data X'088E 0009'. In that scenario, the session partner (the intended DLUS) has rejected the the DLUR/S Capabilities (X'51') control vector from this node. The most likely explanation is that the configuration error was made at the DLUR that initiated the CPSVRMGR session, not at the DLUR node that rejected it.

Alert ID Number		X'EBAA 3C4F'
Alert Type	X'01'	Permanent
Alert Description	X'800A'	APPN-DLUR configuration error
Probable Causes	X'1022' X'1023'	Communication program Communication program in remote node
User Causes	(none)	
Install Causes	X'80B9' X'82' SF	Node (detailed data qualifier) was incorrectly specified as a dependent LU server Data ID=X'82' (CP)
% Actions (note 1)	X'1500'	Correct installation problem
% Failure Causes	(none)	
Additional SVs	X'01' SV X'05' SV X'10' SF X'10' SV	Date/Time Hierarchy/Resource List Hierarchy Name List Sending node: Name=(CP name) Type=X'F4' (CP) Alert Sender Product Set ID

Notes:

1. The recommended actions listed here are simply *recommendations*. An implementation is encouraged to select different recommended actions if they are more meaningful for a particular product. For example, it is possible to identify product-unique configuration parameters in some recommended actions.

4.6.2.2 APPN/DLUR Alert CPDL003

Alert Condition:

CPSVRMGR Session Limit Exceeded

DLUR products will have the option to limit the number of concurrently active CP-SVR pipes (what number will be selected as the limit will also be a product option). If a limit is implemented and reached, any attempts to activate additional CP-SVR pipes will be rejected by sending an UNBIND request with sense data X'0812 0000'.

When a DLUR product reaches this limit, it should send this alert so that the network administrator will understand the implications of the problem and take the appropriate action.

Alert ID Number		X'754A EAE8'
Alert Type	X'01'	Permanent
Alert Description	X'800A'	APPN-DLUR configuration error
Probable Causes	X'1022' X'1023'	Communication program Communication program in remote node
User Causes	(none)	
Install Causes	X'171F'	Limit for DLUR control sessions exceeded
% Actions (note 1)	X'1500'	Correct installation problem
% Failure Causes	(none)	
Additional SVs	X'01' SV X'05' SV X'10' SF X'10' SV	Date/Time Hierarchy/Resource List Hierarchy Name List Sending node: Name=(CP name) Type=X'F4' (CP) Alert Sender Product Set ID

Notes:

1. The recommended actions listed here are simply *recommendations*. An implementation is encouraged to select different recommended actions if they are more meaningful for a particular product. For example, it is possible to identify product-unique configuration parameters in some recommended actions.

4.6.2.3 APPN/DLUR Alert CPDL004

Alert Condition:

While configuring this DLUS product, a network administrator has mistakenly specified the name of another DLUS node as the requester for one or more PUs. This alert is sent by a DLUS node when a CPSVRMGR session that it initiated is unbound by the session partner with sense data X'088E 000F'. In that scenario, the session partner (the intended DLUR) has rejected the the DLUR/S Capabilities (X'51') control vector from this node. The most likely explanation is that the configuration error was made at the DLUS that initiated the CPSVRMGR session, not at the DLUS node that rejected it.

Alert ID Number		X'E9C3 C9C6'
Alert Type	X'01'	Permanent
Alert Description	X'800A'	APPN-DLUR configuration error
Probable Causes	X'1022' X'1023'	Communication program Communication program in remote node
User Causes	(none)	
Install Causes	X'80BA' X'82' SF	Node (detailed data qualifier) was incorrectly specified as a dependent LU requester Data ID=X'82' (CP)
% Actions (note 1)	X'1500'	Correct installation problem
% Failure Causes	(none)	
Additional SVs	X'01' SV X'05' SV X'10' SF X'10' SV	Date/Time Hierarchy/Resource List Hierarchy Name List Sending node: Name=(CP name) Type=X'F4' (CP) Alert Sender Product Set ID

Notes:

1. The recommended actions listed here are simply *recommendations*. An implementation is encouraged to select different recommended actions if they are more meaningful for a particular product. For example, it is possible to identify product-unique configuration parameters in some recommended actions.

4.6.2.4 APPN/DLUR Alert CPDL005

Alert Condition:

CPSVRMGR Session Across Subnet Boundaries Not Supported

X′088E 000F′ - An attempt was made to establish a CP-SVR pipe across a subnet boundary between a dependent LU server and a dependent LU requester with limited multi-subnet support. The network administrator will be advised of the configuration problem so that it can be corrected.

Alert ID Number		X′E3B7 48C9′
Alert Type	X′01′	Permanent
Alert Description	X′800A′	APPN-DLUR configuration error
Probable Causes	X′1023′ X′1022′	Communication program in remote node Communication program
User Causes	(none)	
Install Causes	X′80BB′ X′82′ SF	Node (detailed data qualifier) does not support a dependent LU server with a different network ID. Data ID=X′82′ (CP)
% Actions (note 1)	X′1500′	Correct installation problem
% Failure Causes	(none)	
Additional SVs	X′01′ SV X′05′ SV X′10′ SF X′10′ SV	Date/Time Hierarchy/Resource List Hierarchy Name List Sending node: Name=(CP name) Type=X′F4′ (CP) Alert Sender Product Set ID

Notes:

1. The recommended actions listed here are simply *recommendations*. An implementation is encouraged to select different recommended actions if they are more meaningful for a particular product. For example, it is possible to identify product-unique configuration parameters in some recommended actions.