

Configuring DSPU to Upstream Channel–Attached Host

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Introduction

Prerequisites

- Requirements

- Components Used

- Conventions

Configure

- Network Diagram

- Configurations

Verify

Troubleshoot

Related Information

Introduction

This document provides a sample configuration for how to configure a Downstream Physical Unit (DSPU) to an upstream channel–attached host.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Configure

In this section, you are presented with the information to configure the features described in this document.

Note: Use the Command Lookup Tool (registered customers only) to find more information on the commands used in this document.

Network Diagram

This document uses this network setup:



Configurations

This document uses these configurations:

- RouterA
- XCA Major Node
- CommMgr/2 def
- VTAM Switched Major Node def

RouterA
<pre> hostname RouterA source-bridge ring-group 5 source-bridge transparent 5 77 1 1 dspu rsrp 88 1 5 4000.0000.dddd dspu rsrp enable-host lsap 4 dspu host HOST1 xid-snd 05d12345 rmac 4000.0000.cccc rsap 4 lsap 4 dspu pool pool1 host HOST1 lu 2 22 dspu pu WS-PU xid-rcv 05d99001 dspu lu 2 6 pool pool1 dspu rsrp start HOST1 interface Channel0/0 no ip address no keepalive csna 0100 10 interface Channel0/1 no ip address no keepalive shutdown interface Channel0/2 no ip address no keepalive lan TokenRing 0 source-bridge 500 1 5 adapter 0 4000.0000.cccc interface Ethernet1/0 mac-address 0200.1111.0200 ip address 131.131.11.2 255.255.255.0 bridge-group 1 dspu enable-pu lsap 4 bridge 1 protocol ieee </pre>

XCA Major Node
<pre> </pre>

```

KATZXCA2 VBUILD TYPE=XCA
PORTKAT2 PORT  ADAPNO=0,CUADDR=110,SAPADDR=04,
                MEDIUM=RING,TIMER=40
*
GRP KATZ2 GROUP ANSWER=ON,
                AUTOGEN=(10,L,P),
                CALL=INOUT,
                DIAL=YES,
                ISTATUS=ACTIVE

```

CommMgr/2 def

Communications Manager config

From the CM Setup icon
Click on the setup button
Specify the config name, click on OK
Specify the config type, click on Configure...

Parameters

```

Netid - NETA
Local Node Name - DSPUA
Local Node ID - 05D99001
LAN Destination - 020011110200

```

VTAM Switched Major Node def

```

SWCERT5A VBUILD TYPE=SWNET,MAXGRP=4,MAXNO=4
*
DSPUA    PU      ADDR=01,
          PUTYPE=2,
          IDBLK=05D,
          IDNUM=12345,
          MODETAB=ALAMODE,
          DLOGMOD= SX32702S,
          DISCNT=(NO),
          USSTAB=USSSNA,
          ISTATUS=ACTIVE,
          MAXDATA=521,
          IRETRY=YES,
          MAXOUT=7,
          PASSLIM=5,
          MAXPATH=4
*
DSPAL00 LU      LOCADDR=02
DSPAL01 LU      LOCADDR=03
DSPAL02 LU      LOCADDR=04
.
.
.
DSPAL20 LU      LOCADDR=22

```

Notes:

- This configuration requires Cisco IOS® Software Release 11.0(3) or later.
- Downstream Physical Unit (DSPU) is configured to accept a connection from any device specifying the correct XID and LSAP.
- Detailed sniffer trace taken between CommMgr/2 and RouterA.

Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.

Related Information

- [Technical Support & Documentation – Cisco Systems](#)
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