

EXAMPLE CONFIGURATIONS

The following examples are provided for first time communications users. The examples are provided to assist in configuring APPC communications.

S/36, S/38, and AS/400 to MVS or VM Example

The following example shows an AS/400, a S/38, and a S/36 connected to an MVS or VM system. Please note the S/3X machines setup is identical for VM or MVS remote systems. The example will allow two Remote Writers on each S/3X machine to send output to the S/370.

MVS System

1. Add the following APPL definition to VTAM's input source:

BDSTGT	APPL	APPC=YES,	X
		ACBNAME=BDSTGT,	X
		AUTOSES=0,	X
		PARSESS=YES,	X
		AUTHEXIT=YES,	X
		DSESLIM=1,	X
		SECACPT=CONV,	X
		MODETAB=BDSAPPC,	X
		DLOGMOD=RSPOOL	

2. Add the following to NCP's input source:

GRPPGM		GROUP LNCTL=SDLC,	X
		USSTAB=ISTINCDT,	X
		MODETAB=BDSAPPC,	X
		DLOGMOD=RSPOOL,	X
		ISTATUS=ACTIVE	
LINE1	LINE	ADDRESS=781	
AS400	PU	ADDR=01	
AS40001	LU	LOCADDR=01	
AS40002	LU	LOCADDR=02	
S38	PU	ADDR=02	
S3801	LU	LOCADDR=01,LOGAPPL=BDSTGT	
S3802	LU	LOCADDR=02,LOGAPPL=BDSTGT	
S36	PU	ADDR=03	
S3601	LU	LOCADDR=01	
S3602	LU	LOCADDR=02	

3. Insert the following modes into VTAM's mode table:

BDSAPPC	MODETAB		
RSPOOL	MODEENT	LOGMODE=RSPOOL,	X
		FMPROF=X'13',	X
		TSPROF=X'07',	X

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```
RSPOOL      MODEENT      LOGMODE=RSPOOL,      X
      FMPROF=X'13',      X
      TSPROF=X'07',      X
      RIPROT=X'B0',      X
      SECPROT=X'B0',      X
      RUSIZES=X'8989',      X
      COMPROT=X'D1B1',      X
      SERVIC=X'06020000000000000000300'
      MODEEND
      END
```

4. Logon as MAINT and add user BDSTGT to VMUSERS DIRECT:

```
USER BDSTGT      BDSTGT      04M  16M  ABCDEFG
      ACCOUNT 1 BDSDATA
      OPTION ECMODE DIAG98
      IPL GCS
      IUCV *CCS P M 10
      IUCV ANY P M 0
      CONSOLE 009 3215
      SPOOL 00C 2540 READER *
      SPOOL 00D 2540 PUNCH A SPOOL 00E 1403 A
      LINK MAINT 190 190 RR
      LINK MAINT 193 193 RR
      LINK MAINT 19D 19D RR
      LINK MAINT 19E 19E RR
      LINK MAINT 595 595 RR
      LINK MAINT 59E 59E RR
      LINK MAINT 5FF 5FF RR
      MDISK 191 FB-512 458216 000768 VMPK01 MW RBDS  WBDS  MBDS
```

5. Add the following entry to the GCS users definition:

```
AUTHUSER NAME=BDSTGT
```

AS/400

```
CRTLINSDLC LIND(LINE1) RSRNAME(LIN011) ROLE(*SEC) CNN(*MP)
      EXCHID(05600000) DUPLEX(HALF) TEXT('Line 1')
```

```
CRTMODD MODD(RSPOOL) MAXSSN(08) MAXCNV(08) LCLCTLSSN(4) PREESTSSN(0)
      INPACING(7) OUTPACING(7) MAXLENRU(4096) TEXT('Remote SpoolPrint')
```

```
CRTCTLHOST CTLD(S370) LINKTYPE(*SDLC) APPN(*NO) LINE(LINE1)
      RMTNETID(*NONE) SSCPID(050000000001) STNADR(01) TEXT('S/370')
CRTDEVAPP DEV(D(S37001) RMTLOCNAME(BDSTGT) LCLLOCNAME(AS40001)
      RMTNETID(*NONE) CTL(S370) MODE(RSPOOL) LOCADR(01) APPN(*NO)
```

REMOTE SPOOLPRINT/370™

SNGSSN(*YES 10) TEXT('S/370')

CRTDEVAPPC DEVD(S37002) RMTLOCNAME(BDSTGT) LCLLOCNAME(AS40002)
RMTNETID(*NONE) CTL(S370) MODE(RSPOOL) LOCADR(02) APPN(*NO)
SNGSSN(*YES 10) TEXT('S/370')

System/38

CRTLIND LIND(LINE1) LINNBR(20) TYPE(*SD LCS) CNN(*MP) STNADR(02) RATE(009600)
NONRTNZ(*YES) WIRE(4 4) DCEGRP(*A) EXCHID(02200002) TEXT('Line 1')

CRTCUD CUD(S370) TYPE(PU2) MODEL(0000) CTLADR(0020) LINE(LINE1)
SSCPID(050000000001) LINKTYPE(*SDLCPRI) TEXT('S/370')

CRTDEVDEVD(S37001) DEVADR(010020) DEVTYPE(*PEER) MODEL(0000) CTLU(S370)
LCLLU(S3801) RMTLU(BDSTGT) TEXT('S/370')

ADDDEVMODE DEVD(S37001) MODE(RSPOOL) MAXSSN(8) PREBNDSSN(0)
MAXSRCSSN(4) MAXCNV(8) INPACING(7) OUTPACING(7) MAXLENRU(4096)

CRTDEVDEVD(S37002) DEVADR(020020) DEVTYPE(*PEER) MODEL(0000) CTLU(S370)
LCLLU(S3802) RMTLU(BDSTGT) TEXT('S/370')

ADDDEVMODE DEVD(S37002) MODE(RSPOOL) MAXSSN(8) PREBNDSSN(0)
MAXSRCSSN(4) MAXCNV(8) INPACING(7) OUTPACING(7) MAXLENRU(4096)

System/36

1. Configure the communications line:

SETCOMM 1,MULTTRIB,NOCLOCK,NRZI,NOCONCAR,,,,,IBMLPDA,,9600BPS,0

2. Configure ICF Line Member:

a) Enter Command CNFIGICF

b) Screen 1.0:

1. Configuration member name	LINE1
2. Library name	COMM
3. Select	1

c) Screen 2.0:

Option: 3 (SNA)

d) Screen 4.0:

1. SNA member type	2 (SNA/SDLC line mbr)
2. Will APPC or APPN be used?	Y

e) Screen 12.0:

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- | | |
|--------------------------------|-----------------|
| 1. Data Link Protocol | 2 (Secondary) |
| 2. Line Type | 1 (Nonswitched) |
| 5. Local System's Station Addr | 03 |
| 6. Local System's XID in hex | 00003 |

f) Screen 12.5:

- | | |
|-----------------------|------------|
| 1. Option | 1 (Create) |
| 2. Remote System Name | BDSTGT |

g) Screen 13.0:

- | | |
|------------------------|----------|
| 1. Remote System Type | 1 (Host) |
| 8. SSCP identification | 00001 |

h) Screen 13.5:

3. Set INACTIVE status at host on disable N

i) Screen 14.0:

1. D 2. D 3. _ 4. _ 5. _ 6. _ 7. _ 8. _

CMD-7 (End)

3. Configure ICF Subsystem Member:

a) Screen 1.0:

- | | |
|------------------------------|------------|
| 1. Configuration member name | S370 |
| 2. Library name | COMM |
| 3. Select | 1 (Create) |

b) Screen 2.0:

- | | |
|-----------|---------|
| 1. Select | 3 (SNA) |
|-----------|---------|

c) Screen 4.0:

- | | |
|--------------------|-----------------------|
| 1. SNA member type | 1 (SNA Subsystem mbr) |
|--------------------|-----------------------|

d) Screen 21.0:

- | | |
|---|----------|
| 1. Select subsystem type
(Press ENTER) | 6 (APPC) |
| 2. Line member name | LINE1 |

e) Screen 29.0:

- | | |
|-------------------------|------------|
| 1. Select | 1 (Create) |
| 2. Remote location name | BDSTGT |
| 3. Remote system name | BDSTGT |

REMOTE SPOOLPRINT/370™

- g) Screen 30.0:
- | | |
|---------------------------------|---|
| 1. Activate location at ENABLE | Y |
| 2. Send alerts to this location | N |
- h) Screen 41.0:
- | | |
|---------------------|---|
| 2. Stay operational | Y |
|---------------------|---|
- i) Screen 42.0:
- | | | |
|-----------------------|------------|---------|
| 1. Select | 1 (Create) | |
| 2. Session Group Name | | RSPPOOL |
- j) Screen 43.0:
- | | | |
|------------------------------------|----|-----------|
| 1. Session group type | | 2 (Batch) |
| 2. Maximum session limit | 08 | |
| 3. Nbr of locally cntr sessions | | 04 |
| 4. Nbr of pre-established sessions | 00 | |
- k) Screen 44.0:
- | | |
|------------------------------------|------|
| 1. Receive pacing value | 07 |
| 2. Maximum receive RU size | 4096 |
| 3. Acquire remotely cntrd sessions | N |
- l) Screen 42.0:
- Press CMD-7 (End)
- m) Screen 29.0:
- Press CMD-7 (End)
- n) Screen 1.0:
- Press CMD-7 (Exit ICF)