

BARR/RJE Host Definition Information

June 11, 2006

For BARR/RJE to communicate with your host, you must define BARR/RJE to your host as one or more RJE remotes. Each RJE remote requires a separate host definition. Two separate programs on the host must be updated – VTAM, which controls all SNA communication, and the job entry system, JES2, JES3, or POWER.

To configure BARR/RJE, the host programmer should record information for VTAM and the job entry system in the space provided. Some of the same parameters will be entered in BARR/RJE, so it is important that the host and remote parameters match. Host programmers should refer to the *BARR/RJE Host Definition Guide* for help configuring the host for RJE.

VTAM host configuration



Sample VTAM definitions are provided when you configure the communication link in the RJE Configuration Utility.

For each Barr remote, enter the following PU and LU definitions in VTAM.

802.2 LLC2

Parameters	Sample VTAM Definition		
1. LOCADD:_____	linename	LINE	ADDRESS=(aaaa,FULL), LOCADD=400000000001, PORTADD=pp,RCVBUFC=4095
2. PUNAME:_____	puname	PU	ADDR=C1,
3. IDBLK:_____		IDBLK=03D,	
4. IDNUM:_____		IDNUM=12345,	
5. MAXDATA:_____		MAXDATA=1033, PACING=7,PASSLIM=7,VPACING=7	
		luname02 LU LOCADDR=2,BATCH=YES luname03 LU LOCADDR=3,BATCH=YES luname04 LU LOCADDR=4,BATCH=YES luname05 LU LOCADDR=5,BATCH=YES luname06 LU LOCADDR=6,BATCH=YES	



Barr Systems, LLC, 4500 NW 27 Avenue, Gainesville, FL 32606-7031
800-BARR-SYS • 352-491-3100 • Fax 352-491-3141
Visit our Web site for more info: www.barrsystems.com

HPR/IP (Enterprise Extender)

The following VTAM and TCP/IP parameters are required to support HPR/IP.

Host name or IP address (**LVIPA1** parameter): _____

NETID (from VTAM startup): _____

CPNAME (if not using Autogen): _____

Parameters	Sample VTAM Definition		
1. PUNAME: _____	puname	PU	ADDR=01,
2. IDBLK: _____			IDBLK=03D,
3. IDNUM: _____			IDNUM=12345,
4. MAXDATA: _____			MAXDATA=1033,
			PACING=7, PASSLIM=7, VPACING=7
	luname02	LU	LOCADDR=2, BATCH=YES
	luname03	LU	LOCADDR=3, BATCH=YES
	luname04	LU	LOCADDR=4, BATCH=YES
	luname05	LU	LOCADDR=5, BATCH=YES
	luname06	LU	LOCADDR=6, BATCH=YES

SDLC

Parameters	Sample VTAM Definition		
1. NRZI: _____	linename	LINE	ADDRESS=(aaaa, FULL), DUPLEX=FULL, NRZI=YES, RETRIES=(8, 2, 20), SPEED=nnnnnn, TRANSFR=16
2. PUNAME: _____	puname	PU	ADDR=C1,
3. ADDR: _____			
4. IDBLK: _____			IDBLK=03D,
5. IDNUM: _____			IDNUM=12345,
6. MAXDATA: _____			MAXDATA=1033,
			PACING=7, PASSLIM=7, VPACING=7
7. MAXOUT: _____			MAXOUT=7,
8. DATMODE: _____			DATMODE=FULL,
	luname02	LU	LOCADDR=2, BATCH=YES
	luname03	LU	LOCADDR=3, BATCH=YES
	luname04	LU	LOCADDR=4, BATCH=YES
	luname05	LU	LOCADDR=5, BATCH=YES
	luname06	LU	LOCADDR=6, BATCH=YES

Host configuration



Recommended remote definitions are provided when you enter the RJE description in the RJE Configuration Utility.

Your host programmer must enter the parameters for your job entry system.

- JES2
- JES3
- POWER

JES2 host configuration

Your host programmer must define the RJE remote to JES2 by adding another remote in SYS1.PARMLIB (JES2PARM).

Parameters	Sample JES2 Definition
1. APPLID:_____	(APPLID of JES2)
2. Remote name:_____	RMT9999 DEVTYPE=LUTYPE1,
3. Password:_____	PASSWORD=xxxxxxxx, BUFSIZE=1024, COMPACT=NO, COMPRESS=YES, CONS=YES, MFORM=J,
4. No. of printers:_____	NUMPRT=n,
5. No. of punches:_____	NUMPUN=n,
6. No. of readers:_____	NUMRDR=n, SETUP=PDIR RMT9999.PR1 CKPTLINE=66, CKPTPAGE=100, PRWIDTH=255, SELECT=PRINT1, TRANS=NO RMT9999.PU1 CKPTLINE=100, CKPTPAGE=100, SELECT=PUNCH1, LRECL=80, SEP=NO RMT9999.PU1
7. LOGMODE:_____	BATCH MODEENT LOGMODE=BATCH, X FMPROF=X'03', TSPROF=X'03', X PRIPROT=X'A3', SECPROT=X'A3', X COMPROT=X'7080', SSNDPAC=7, X RUSIZES=X'8787', X PSERVIC=X'01106000F900C00000010040'

JES3 host configuration

Your host programmer must define the RJE remote to MVS/JES3 by adding another remote in SYS1.PARMLIB(JES3IN00).

Parameters	Sample JES3 Definition
1. APPLID:_____	(APPLID of JES3)
2. Remote name:_____	RJPWS, N=RMT99 ,
3. No. of printers:_____	PR=1 ,
4. No. of punches:_____	PU=1 ,
5. No. of readers:_____	RD=1 CONSOLE, JNAME=RMT99, TYPE=RJP, LEVEL=10, LL=80, DEST=NONE DEVICE, DTYPE=RMTPRINT, JNAME=RMT99PR1, XLATE=NO, LDENS=YES DEVICE, DTYPE=RMTPUNCH, JNAME=RMT99PU1, XLATE=NO, LDENS=YES
6. LOGMODE:_____	BATCH MODEENT LOGMODE=BATCH , X FMPROF=X'03', TSPROF=X'03', X PRIPROT=X'A3', SECPROT=X'A3', X COMPROT=X'7080', SSNDPAC=7, X RUSIZES=X'8787', X PSERVIC=X'01102000F900C00000010040'

POWER host configuration

Your host programmer must define the RJE remote to VSE/POWER by entering the POWER Generation Macros.

Parameters	Sample POWER Definition
1. APPLID:_____	(APPLID of POWER)
2. Remote name:_____	POWER POWER SNA=(nn, , POWER) name PRMT REMOTE=99 , CONSOLE=YES, SESSLIM=5,
3. Password:_____	PSWRD=x , X TYPE=LUT1, XLATE=YES
4. LOGMODE:_____	RJE3790B MODEENT LOGMODE=RJE3790B , X FMPROF=X'03', TSPROF=X'03', X PRIPROT=X'A3', SECPROT=X'A1', X COMPROT=X'7080', SSNDPAC=7, X RUSIZES=X'8585', X PSERVIC=X'011020009100800000010040'