Adding a Job Network Definition

This subsection covers the following topics:

- Defining a New Network
- Special PF Keys: Network Addition/Modification
- Field Descriptions: Network Addition/Modification

Defining a New Network

To add a new network definition

1. Press PF2 (Add) from the Network Maintenance screen.
2. The Network Addition window opens:

```
  04.01.02               *** Entire Operations 4.1.1 ***               11:17:37
 Owner SN                      Network Maintenance
 Selection OR________
- +-------------------------------------------------------------------------+ --
  !                                                                         !
  !                            Network Addition                             !
  !  Network      ===> __________                    Owner ===> SN          !
  !  Description  ===> ____________________________________________        !
  !                                                  Loop existing ===>     !
  !  Default Values for the Jobs                                            !
  !    Execution Node ===> 148  MVS/ESA      Symbol Table ===> __________   !
  !    JCL Node       ===> 148  MVS/ESA         Esc Act ===> _ Sub ===> _   !
  !    JCL Location   ===> ___           Sym.Table Activation Mode ===> _   !
  !                                                                         !
  !    File   ===> ____________________________________________________     !
  !    VolSer ===> ______                              Password ===>          !
  !                                                     defined ===> no     !
  !  --PF1-----PF3-----PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12--   ! **
  !    Help    End     Save  Spec  Symb  SP-UR DfJb  Copy   MsgRe  Menu    !
  +-------------------------------------------------------------------------+
 Command => ____________________________________________________________
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Add   End         Save        Up    Down              NxtSt Menu
```

3. Define the network by entering values for the fields (see Field Descriptions: Network Addition/Modification) and using the PF keys as described below.

Special PF Keys: Network Addition/Modification

You can perform the following functions using these PF keys in the Network Addition/Modification window:

Key	Name	Function
PF6	Spec	Special definitions for different operating systems.
PF7	Symb	Edit the specified symbol table.
PF8	SP-UR	Define a symbol prompt user routine.
PF9	DfJb	Apply network defaults to jobs.
PF10	Copy	Copy a network definition.
PF11	MsgRe	Specify message recipients for the network.

1. Press PF5 (Save) to save the network definition.
2. Press PF3 (Exit) to return to the Network Maintenance screen.
3. The new network is now listed on the Network Maintenance screen.

Field Descriptions: Network Addition/Modification

The input fields of the Network Addition/Modification window are described in the following table:

Field	Description		
Network	Network name. Together with owner name, uniquely identifies the network in the master database.		
Owner	Owner name.		
Description	Short description of network. This text appears in the list of networks on the Network Maintenance screen. A longer description of the network can be added using the Editor (see the subsection Creating Online Documentation for a Network).		
Loop exists	Y (=loop exists) appears here: if a loop has been found in the network while linking network jobs via their input and output conditions or while defining input and output conditions of a job. N (=loop does not exist) appears here: if no loop has been found in the network, or if no loop test has yet been performed, for example, with the line command H.		
Default Values for the Jobs: The input fields under this heading serve to specify default values for subsequent new job definitions in the network. Each default value specified here can be overridden at the job level.			
Execution Node	Default node ID on which jobs within this network are submitted. This value can be modified here or overridden at the job level. To list the possible nodes, type an asterisk * here and press Enter. The operating system type appears after a valid node number. To display the field help, type a question mark ? here and press Enter.		
JCL Node	Node on which JCL can be accessed. The default is the same as for the execution node. The operating system type appears after a valid node number.		
JCL Location	Type of physical storage for the JCL. Possible values:		
	(blank)		None (No JCL required)
	BS2	(BS2000/OSD)	SAM or ISAM file
JCL Location	EXE	(Win NT)	Executable program running in the background. The defined program must not wait for the user to enter data.
	LIB	(OS/390)	Librarian
	LMS	(BS2000/OSD)	LMS library
	NAT		Natural source

	PDS	(OS/390)	Partitioned data set
JCL Location (cont.)	PRC	(BS2000/OSD)	Callable procedure
	RDR	(VSE/ESA)	VSE/ESA Reader Queue, for STC
	TXT	(UNIX, Win NT)	Text file
	VSE/ESA	(VSE/ESA)	VSE/ESA Sublib
	The default is set in the job definition and can be overridden here.		
Symbol Table	Default symbol table for those jobs in the network that use the dynamic JCL generation facility. Can be overridden at the job level and is therefore optional here. Enter an asterisk * and press Enter to display a selection list of available symbol tables. The selected symbol table can be edited using <PF7> (Symb).		
Esc Act	Activation Escape Character = Network default value This escape character is the prefix for Natural code lines and symbols to be replaced at activation time. **CAUTION:** Existing Dynamic JCL might become invalid after changing this escape character and applying defaults to jobs.		
Esc Sub	Submission Escape Character = Network default value This escape character is the prefix for Natural code lines and symbols to be replaced at submission time. **CAUTION:** Existing Dynamic JCL might become invalid after changing this escape character and applying defaults to jobs.		
Symbol Table Activation Mode	**A**	During the network activation. No symbol prompting is possible.	
	X	After schedule extraction. Symbol prompting can be used for scheduled networks. This is the default.	
File	Name of the file or Natural library according to the value of the JCL Location field.		
VolSer	Volume serial number of data set (if data set is not cataloged).		
Password	Password if the file or library specified in the Dataset field is password protected.		
defined	**no** = no password is defined. **yes** = a password is defined.		

