

Defining a Subnetwork

This subsection covers the following topics:

- Subnetwork Specifics
- Subnetwork Definition
- Field Descriptions: Subnetwork Definition

Subnetwork Specifics

The NET-type job allows you to define a whole network as a job. The subnetwork must already be defined. It must have an input condition NET-BEGIN and an output condition NET-END. The same subnetwork can be defined in different jobs of the main network.

The subnetwork can be **activated** together with the calling network (or job of the NET type) or at the moment of the NET type job start. For a detailed description, see Subnetworks in the section System Overview.

Subnetworks are assigned their own run numbers.

Subnetwork Definition

▶ To define a subnetwork

- Press PF6 (Spec) from the Master Job Definition window.

The following window opens:

```

+-----+ 8
! +-----+
! !
! !           Job: Subnetwork Definition
! !
! ! Owner REQUEST      Network P188021      Job J2           Run
! !
! ! Description        ==> job type NET
! !
! !
! ! Subnetwork Owner  ==> REQUEST___
! ! Subnetwork Name   ==> P188021A___      Subnet Activation Mode ==> A
! ! Subnetwork Run    ==>                   Append Mult. Suffix   ==> _
! !
! ! Entry Condition   ==> NET-BEGIN
! ! Exit Condition    ==> NET-END
+ !
* ! Enter-PF1-----PF3-----PF5-----
A !           Help      End      Save
M +-----+
Command => _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Help  Add   End      Save      Up    Down

```

The basics of subnetworks are described in the subsection Subnetworks in the section System Overview.

Field Descriptions: Subnetwork Definition

Field Name	Description
Subnetwork Owner	Owner of the existing subnetwork.
Subnetwork Name	Name of the existing subnetwork.
Subnet Activation Mode	<p>A (or blank) at the moment of the activation of the calling job</p> <p>S at the moment of the start of the calling job</p> <p>D use global default values (see Entire Operations Defaults in the Entire Operations Administration Documentation)</p> <p>For a detailed description of this function, see the subsection Subnetworks in the section System Overview.</p>
Append suffix	<p>Y Append the suffix of the calling multiple job to the name of the subnetwork. The resulting name must not have more than 10 characters.</p> <p>else The name of the active job network is the same as the name of the master job network. Uniqueness is ensured by different run numbers.</p>

Notes:

1. If the condition NET-END-NOTOK is found together with NET-END, the calling job is set to the status **not ok**.
2. NET-type jobs can use all kinds of prerequisite checks and can have all kinds of end-of-job actions.
3. The scheduling parameters of a NET-type job are passed on to the subnetwork. See the subsection Scheduling a Job.