

# Defining a Sub-network

This subsection covers the following topics:

- Sub-network Specifics
- Sub-network Definition
- Field Descriptions: Sub-network Definition

## Sub-network Specifics

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

The sub-network 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 Sub-networks in the section System Overview.

Sub-networks are assigned their own run numbers.

## Sub-network Definition

### ▶ To define a sub-network

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

The following window opens:

```

+-----+ 8
! +-----+
! !
! !           Job: Sub-Network Definition
! !
! ! Owner REQUEST      Network P188021      Job J2           Run
! !
! ! Description        ==> job type NET
! !
! !
! ! Sub-Network Owner ==> REQUEST___
! ! Sub-Network Name  ==> P188021A__      Subnet Activation Mode ==> A
! ! Sub-Network 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           Menu

```

The basics of sub-networks are described in the subsection Sub-networks in the section System Overview.

## Field Descriptions: Sub-network Definition

Field Name	Description
Sub-network Owner	Owner of the existing sub-network.
Sub-network Name	Name of the existing sub-network.
Subnet Activation Mode	<p><b>A</b> (or blank) at the moment of the activation of the calling job</p> <p><b>S</b> at the moment of the start of the calling job</p> <p><b>D</b> 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 Sub-networks in the section System Overview.</p>
Append suffix	<p><b>Y</b> Append the suffix of the calling multiple job to the name of the sub-network. The resulting name must not have more than 10 characters.</p> <p><b>else</b> 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 sub-network. See the subsection Scheduling a Job.