SET MAX_SEGMENT

The SET MAX_SEGMENT command limits the size of incoming TCP data segments.

Syntax: `SET MAX_Segment=num`

Arguments: *num* - Numeric, 576 through 65495

The maximum size TCP data segments to be negotiated by *TCP/IP for VSE*. The default value is 32,684. The recommended value is 65495.

Example:

```
IPN237I set max_segment=65495
IPN268I MAXIMUM_SEGMENT now set to 65495
```

Notes:
- When a TCP connection is negotiated, each side tells the other the size of the maximum data segment that can be sent. Normally, *TCP/IP for VSE* requests the maximum size segment that can be achieved without datagram fragmentation. This can be computed as MTU size -40.
- If you are experiencing problems with the inbound data stream, reducing the Maximum Segment Size may help in diagnosing the problem. Note that this will have no effect on the outbound datagrams size.

Related Commands:

DEFINE ROUTE	-	Add an entry to the TCP/IP routing table.
QUERY OPTIONS	-	Displays the current values of modifiable parameters.