MAS V3.2 PTF09 Function Reference

Introduction and Operational Notes

The following functions are being shipped on the 2216 in MAS V3.2 PTF09, so they are available in that level and in all subsequent maintenance levels of MAS V3.2. This document contains the 2216 publications updates for these new functions. For information about installing this PTF, refer to the ″Introduction and General Download Instructions″ document available on the 2216 Operational Code web page.

Note: If you install this PTF or any subsequent MAS V3.2 PTF, you need to upgrade your V3.2 Configuration Program to PTF NP01080 or later. The V3.2 Configuration program is available on the 2216 Configuration Program web page.

These functions include:

• Dynamic Reconfiguration for Dial Circuits
• DLUS Names at the Port Level

Refer to **www.networking.ibm.com/support** for a copy of this Function Reference as well as the 2216 base publications.

Dynamic Reconfiguration for Dial Circuits

With this PTF, the dial circuit parameter, *Destination Address*, can now be dynamically updated without requiring the 221*x* router to be restarted.

DLUS Names at the Port Level

With this PTF, you can now specify the DLUS name at the node, port, and linkstation level. If a DLUS name is not specified, then the node level DLUS name is used by the ports and linkstations. However if a DLUS name is specified at the node and port levels, then the port level DLUS name is used for traffic in and out of that particular port. Similarly, if a DLUS name is specified at the linkstation level, then the linkstation DLUS name is used to for traffic in and out of that particular linkstation.

Note: In order to specify DLUS names at the port level, DLUS/DLUR must be enabled at the node level.

Example 1 shows configuring a DLUS name at the port level. In this case, you specify both a primary and a backup DLUS.

Example 1:

```
APPN config> add port
APPN Port
Link Type: (P)PP, (FR)AME RELAY, (E)THERNET, (T)OKEN RING,
(S)DLC, (X)25, (FD)DI, (D)LSw, (A)TM, (I)P  [ ]? T
Interface number(Default 0): [0]?
Port name (Max 8 characters) [T00000]?

WARNING!! You are changing an existing record.
Enable APPN on this port (Y)es (N)o [Y]?
Port Definition
        Support multiple PU (Y)es (N)o [Y]?
```

```
                       All active port names will be of the form
                               Service any node: (Y)es (N)o [Y]?
                               Treat non-configured callers as LEN nodes: (Y)es (N)o [N]?
                               High performance routing: (Y)es (N)o [Y]?
                               Maximum BTU size (768-17745) [2048]?
                               Maximum number of link stations (1-65535) [65535]?
                               Percent of link stations reserved for incoming calls (0-100) [0]?
                               Percent of link stations reserved for outgoing calls (0-100) [0]?
                               Local SAP address (04-EC) [4]?
                               Local HPR SAP address (04-EC) [C8]?
               Edit TG Characteristics: (Y)es (N)o [N]?
               Edit LLC Characteristics: (Y)es (N)o [N]?
               Edit HPR defaults: (Y)es (N)o [N]?
               Edit Dependent LU Server: (Y)es (N)o [N]? Y
                       Fully-qualified CP name of primary DLUS []? STFNET.MVS1
                       Fully-qualified CP name of backup DLUS []? STFNET.MVS2
               Write this record? [Y]?
               The record has been written.
```

Example 2 shows changing the specified DLUS name at the port level to the default value.

Example 2:

```
APPN config> add port
APPN Port
Link Type: (P)PP, (FR)AME RELAY, (E)THERNET, (T)OKEN RING,
(S)DLC, (X)25, (FD)DI, (D)LSw, (A)TM, (I)P  [ ]? T
Interface number(Default 0): [0]?
Port name (Max 8 characters) [T00000]?

WARNING!! You are changing an existing record.
Enable APPN on this port (Y)es (N)o [Y]?
Port Definition
        Support multiple PU (Y)es (N)o [Y]?
All active port names will be of the form <port name sap>
        Service any node: (Y)es (N)o [Y]?
        Treat non-configured callers as LEN nodes: (Y)es (N)o [N]?
        High performance routing: (Y)es (N)o [Y]?
        Maximum BTU size (768-17745) [2048]?
        Maximum number of link stations (1-65535) [65535]?
        Percent of link stations reserved for incoming calls (0-100) [0]?
        Percent of link stations reserved for outgoing calls (0-100) [0]?
        Local SAP address (04-EC) [4]?
        Local HPR SAP address (04-EC) [C8]?
Edit TG Characteristics: (Y)es (N)o [N]?
Edit LLC Characteristics: (Y)es (N)o [N]?
Edit HPR defaults: (Y)es (N)o [N]?
Edit Dependent LU Server: (Y)es (N)o [N]? Y
        Fully-qualified CP name of primary DLUS [STFNET.MVS1]? <DEFLT>
Write this record? [Y]?
The record has been written.
```

Example 3 shows using the DLUS values specified at the node level. An explicit DLUS name is not configured at the port level.

Example 3:

```
APPN config> add port
APPN Port
Link Type: (P)PP, (FR)AME RELAY, (E)THERNET, (T)OKEN RING,
(S)DLC, (X)25, (FD)DI, (D)LSw, (A)TM, (I)P  [ ]? T
Interface number(Default 0): [0]?
Port name (Max 8 characters) [T00000]?

WARNING!! You are changing an existing record.
```

```
Enable APPN on this port (Y)es (N)o [Y]?
Port Definition
        Support multiple PU (Y)es (N)o [Y]?
All active port names will be of the form <port name sap>
        Service any node: (Y)es (N)o [Y]?
        Treat non-configured callers as LEN nodes: (Y)es (N)o [N]?
        High performance routing: (Y)es (N)o [Y]?
        Maximum BTU size (768-17745) [2048]?
        Maximum number of link stations (1-65535) [65535]?
        Percent of link stations reserved for incoming calls (0-100) [0]?
        Percent of link stations reserved for outgoing calls (0-100) [0]?
        Local SAP address (04-EC) [4]?
        Local HPR SAP address (04-EC) [C8]?
Edit TG Characteristics: (Y)es (N)o [N]?
Edit LLC Characteristics: (Y)es (N)o [N]?
Edit HPR defaults: (Y)es (N)o [N]?
Edit Dependent LU Server: (Y)es (N)o [N]? Y
        Fully-qualified CP name of primary DLUS [<DEFLT>]?
Write this record? [Y]?
The record has been written.
```

Example 4 shows configuring a primary DLUS name at the port level, but not
specifying a backup DLUS name. If you do not specify a backup DLUS, this
overrides the previously specified node and there will be no backup DLUS

Example 4:

```
APPN config> add port
APPN Port
Link Type: (P)PP, (FR)AME RELAY, (E)THERNET, (T)OKEN RING,
(S)DLC, (X)25, (FD)DI, (D)LSw, (A)TM, (I)P  [ ]?
Illegal link type
APPN config>add port
APPN Port
Link Type: (P)PP, (FR)AME RELAY, (E)THERNET, (T)OKEN RING,
(S)DLC, (X)25, (FD)DI, (D)LSw, (A)TM, (I)P  [ ]? T
Interface number(Default 0): [0]?
Port name (Max 8 characters) [T00000]?

WARNING!! You are changing an existing record.
Enable APPN on this port (Y)es (N)o [Y]?
Port Definition
        Support multiple PU (Y)es (N)o [Y]?
All active port names will be of the form
        Service any node: (Y)es (N)o [Y]?
        Treat non-configured callers as LEN nodes: (Y)es (N)o [N]?
        High performance routing: (Y)es (N)o [Y]?
        Maximum BTU size (768-17745) [2048]?
        Maximum number of link stations (1-65535) [65535]?
        Percent of link stations reserved for incoming calls (0-100) [0]?
        Percent of link stations reserved for outgoing calls (0-100) [0]?
        Local SAP address (04-EC) [4]?
        Local HPR SAP address (04-EC) [C8]?
Edit TG Characteristics: (Y)es (N)o [N]?
Edit LLC Characteristics: (Y)es (N)o [N]?
Edit HPR defaults: (Y)es (N)o [N]?
Edit Dependent LU Server: (Y)es (N)o [N]? Y
        Fully-qualified CP name of primary DLUS [<DEFLT>]? STFNET.MVS3
        Fully-qualified CP name of backup DLUS []?
Write this record? [Y]?
The record has been written.
```