
MRS V3.4 PTF03 Function Reference

Introduction and Operational Notes

The following functions are being shipped on the 2210 in MRS V3.4 PTF03, so they are available in that level and in all subsequent maintenance levels of MRS V3.4. This document contains the 2210 publications updates for these new functions. For information about installing this PTF, refer to the "Introduction and General Download Instructions" document available on the 2210 Operational Code web page.

Note: If you install this PTF or any subsequent MRS V3.4 PTF, you need to upgrade your V3.4 Configuration Program to PTF NP01132 or later. The V3.4 Configuration program is available on the 2210 Configuration Program web page.

These functions include:

- WAN Reroute Revert Back Enhancement
- ISDN I.430 Enhancements
- APPN MIB Update

Refer to www.networking.ibm.com/support for a copy of this Function Reference as well as the 2210 base publications.

WAN Reroute Revert Back Enhancement

With this PTF in a WAN reroute configuration, if a primary connection is restored outside the revert back window, both the primary and alternate circuits are allowed to remain up until the revert back window is reached, at which time the alternate connection is ended. This allows IP traffic and new SNA sessions to use the primary circuit immediately when a connection is restored outside the revert back window. SNA sessions that were established over the alternate circuit are not affected until the revert back window is reached.

Using the Talk 6 patch command, you can disable WAN Reroute Revert Back Enhancement (enabled is the default). To disable this function, use the **patch** command to change the variable *wrr-delay-pup* to any non-zero value as follows:

```
Config>patch
Variable to patch ?[] wrr-delay-pup
New Value [0]? 1
Variable patched successfully
Config>
```

To re-enable the WAN Reroute Revert Back Enhancement, use the **patch** command to change the variable back to zero:

```
Config>patch
Variable to patch ?[] wrr-delay-pup
New Value [1]? 0
Variable patched successfully
Config>
```

ISDN I.430 Enhancements

The following ISDN I.430 enhancements are included in this PTF:

- The bandwidth of an I.430 dial circuit is now configured by specifying the ISDN channels mapped to the dial circuit (for example, B1 + B2 + D). The bandwidth of the dial circuit was previously configured in Kbps.
- By mapping the B1 and B2 channels to a single dial circuit, a 128 Kbps connection can be supported between two locations. For Germany, because the carriers do not guarantee in-sync delivery of the 2 channels, Multilink PPP can be used to aggregate these channels together.

APPN MIB Update

With this PTF, the existing APPN MIB implementation is updated with the current RFC (RCF2455) for that MIB. This new MIB contains the six new objects that were added with RCF2455. One object was removed from the MIB. The following new objects were added to the APPN MIB:

- appnNodeLsCounterType
- appnNodeBrNn
- appnNnNodeFRBranchAwareness
- appnNnTgFRTg
- appnLocalTgBranchLinkType
- appnDirApparentLuOwnerName

The following object was removed from the APPN MIB:

- appnNodeMibVersion