

Distinguishing Between IGX FRM Models

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Introduction

This document explains the differences between available IGX Frame Relay Module (FRM) models.

Prerequisites

Requirements

There are no specific prerequisites for this document.

Components Used

This document is not restricted to specific software and hardware versions.

Conventions

For more information on document conventions, see the Cisco Technical Tips Conventions.

Distinguishing between FRM Front Cards

The FRM front card supports one to four data ports and, in single-port mode, operates at up to 2.048 Mbps.

FRM front cards exist in two forms. The easiest way to differentiate an FRM (B) from an older FRM is to look at the actual cards. The older FRM cards use an ACM1 adaptor. The new cards are IGX-only cards and consist of single-card or "native" versions. Functionally, they are identical.

There are two common models of FRM – model D and model E. The **dspecs** command displays an FRM with Dxy or Exy in the command output. This first letter (D) of that output does not tell you the exact type of FRM, only that it is a V.35/X.25 (model D) or T1/E1 (model E) card.

The second letter (x) indicates the hardware revision. The latest FRM(B) is at revision E, going on to revision H. The previous FRM model (FRP+ACM1) is currently at revision T. If the output indicates an FRM that is revision J or higher, it is not an FRM(B).

The third letter (y) represents the firmware revision. FRM(B) needs to run with firmware revision V or higher. If the output indicates firmware that is revision U or lower, it is not an FRM(B).

Related Information

- [Cisco WAN Switching Solutions](#)
 - [WAN Product Support Pages](#)
 - [Technical Support – Cisco Systems](#)
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