



## PIM Dense Mode Fallback Prevention in a Network Following RP Information Loss

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The PIM Dense Mode Fallback Prevention in a Network Following RP Information Loss feature enables you to prevent PIM dense mode (PIM-DM) fallback when all rendezvous points (RPs) fail. Preventing the use of PIM dense mode is very important to multicast networks whose reliability is critical. This feature provides a mechanism to keep the multicast groups in sparse mode, thereby preventing dense mode flooding.

### Configuration Information

Configuration information is included in the “Configuring Basic IP Multicast” at the following URL:  
[http://www.cisco.com/en/US/partner/docs/ios/ipmulti/configuration/guide/imc\\_basic\\_cfg.html](http://www.cisco.com/en/US/partner/docs/ios/ipmulti/configuration/guide/imc_basic_cfg.html)

The following sections provide information about this feature:

- Configuring Sparse Mode with Auto-RP

For a complete list of features included in the “Configuring Basic IP Multicast” module, see the Feature Information table located toward the end of the module.



## Command Reference Information

The following command is new or modified for this feature:

- **ip pim dm-fallback**

Detailed information about this command is included in the *Cisco IOS IP Multicast Command Reference*, at the following URL:

[http://www.cisco.com/en/US/docs/ios/ipmulti/command/reference/imc\\_book.html](http://www.cisco.com/en/US/docs/ios/ipmulti/command/reference/imc_book.html)

## Master Commands Lists

Cisco IOS master commands lists provide an alphabetical list of all Cisco IOS commands in a Cisco IOS release.

### **Release 12.2SX**

*Cisco IOS Master Commands List*, Release 12.2SX, at the following URL:

[http://www.cisco.com/en/US/partner/docs/ios/mcl/122sxmcl/12\\_2sx\\_mcl\\_book.html](http://www.cisco.com/en/US/partner/docs/ios/mcl/122sxmcl/12_2sx_mcl_book.html)

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