

New and Changed

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New and Changed Information

The following table provides an overview of the significant changes to this guide for this release. The table does not provide an exhaustive list of all changes made to the guide or of the new features up to this release.

Table 1: New Features and Changed Information for Cisco APIC 6.0(3)

Feature	Description	Where Documented
100Gb to 25Gb dynamic breakout support for GX2 switches	The Cisco N9K-C9348D-GX2A, N9K-C9364D-GX2A, and N9K-C9332D-GX2B switches supports 100Gb to 25Gb dynamic breakouts.	Guidelines and Limitations for Dynamic Breakout Ports on Down Links

Table 2: New Features and Changed Information for Cisco APIC 6.0(2)

Feature	Description	Where Documented
QDD-400G-SR4-BD optic support on 400Gb ports	The QDD-400G-SR4-BD optic is supported on 400Gb ports. The peer node with the 100Gb speed must use QSFP-100G-SR1.2 optics. An MPO-to-breakout splitter cable with QDD-400G-SR4-BD and 4 x QSFP-100G-SR1.2 on the ends is supported.	Guidelines and Limitations for Dynamic Breakout Ports on Down Links Guidelines and Limitations for Auto Breakout Ports on Fabric Links
Dynamic breakout support for Cisco N9K-C9400-SW-GX2A switches with the Cisco N9K-X9400-16W linecard	The Cisco N9K-C9400-SW-GX2A switch with the Cisco N9K-X9400-16W linecard supports dynamic breakouts (both 100Gb and 40Gb) on profiled QSFP ports.	Guidelines and Limitations for Dynamic Breakout Ports on Down Links

Table 3: New Features and Changed Information for Cisco APIC 6.0(1)

Feature	Description	Where Documented
REST API procedures	The REST API procedures are now provided at developer.cisco.com for the 6.0(1) release and all later releases.	https://developer.cisco.com/docs/apic-rest-api-configuration-guide/
4x100G breakout support on N9K-C9348D-GX2A, N9K-C9364D-GX2A, and N9K-C9332D-GX2B	4x100G breakout is supported on the Cisco N9K-C9348D-GX2A, N9K-C9364D-GX2A, and N9K-C9332D-GX2B switches' access ports and fabric ports.	Guidelines and Limitations for Dynamic Breakout Ports on Down Links Guidelines and Limitations for Auto Breakout Ports on Fabric Links
400G access port support for QDD-4X100G-FR-S, QDD-4X100G-LR-S, and QDD-400G-DR4-S	QDD-4X100G-FR-S, QDD-4X100G-LR-S, and QDD-400G-DR4-S optics are supported on 400Gb access ports.	Guidelines and Limitations for Dynamic Breakout Ports on Down Links
400G fabric port support for QDD-4X100G-FR-S and QDD-4X100G-LR-S	QDD-4X100G-FR-S and QDD-4X100G-LR-S optics are supported on 400Gb fabric ports.	Guidelines and Limitations for Auto Breakout Ports on Fabric Links
100Gb peer node support for QSFP-100G-LR-S	QSFP-100G-LR-S optics are supported with the peer node with the 100Gb speed for access ports and fabric ports.	Guidelines and Limitations for Dynamic Breakout Ports on Down Links Guidelines and Limitations for Auto Breakout Ports on Fabric Links
MPO to breakout splitter cable support for QDD-4X100G-LR-S	QDD-4X100G-LR-S optics are supported with the MPO to breakout splitter cable for access ports and fabric ports.	Guidelines and Limitations for Dynamic Breakout Ports on Down Links Guidelines and Limitations for Auto Breakout Ports on Fabric Links