



## New and Changed Information

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The following table provides an overview of the significant changes to the organization and features in this guide up to this current 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 Behavior in Cisco APIC Release 6.1 (1)**

Feature or Change	Description	Where Documented
Cisco ACI border gateways	With the Cisco ACI border gateway (BGW) solution, you can now have a seamless extension of a Virtual Routing and Forwarding (VRF) instance and bridge domain between fabrics. The Cisco ACI BGW is a node that interacts with nodes within a site and with nodes that are external to the site. The Cisco ACI BGW feature can be conceptualized as multiple site-local EVPN control planes and IP forwarding domains interconnected by a single common EVPN control and forwarding domain.	<a href="#">ACI Border Gateways</a>
Deploying remote leaf switch fabric ports on L3Outs as a routed sub-interface	You can now deploy remote leaf switch fabric ports on user tenant L3Outs and on SR-MPLS infra L3Outs as a routed sub-interface.	<a href="#">SR-MPLS Handoff</a>

Feature or Change	Description	Where Documented
OSPFv2 authentication	For enhanced security with OSPFv2, you can specify the OSPFv2 authentication key. The authentication key is a password of up to 8 characters that you can assign on a per-interface basis.	<a href="#">Create OSPF Interface Profile</a>
OSPFv2 rotating keys	For enhanced security with OSPFv2, you can use the rotating keys by specifying a lifetime for each key. When the lifetime expires for a key, it automatically rotates to the next key. If you do not specify any algorithm, OSPF will use MD5, which is the default cryptographic authentication algorithm.	<a href="#">Create Key Policy</a>

**Table 2: New Features and Changed Behavior in Cisco APIC Release 6.0 (4)**

Feature or Change	Description	Where Documented
N/A	This document has no changes from the previous release.	N/A

**Table 3: New Features and Changed Behavior in Cisco APIC Release 6.0 (3)**

Feature or Change	Description	Where Documented
N/A	This document has no changes from the previous release.	N/A

**Table 4: New Features and Changed Behavior in Cisco APIC Release 6.0 (2)**

Feature or Change	Description	Where Documented
BGP additional paths	BGP supports the additional paths feature, which allows the BGP speaker to propagate and accept multiple paths for the same prefix without the new paths replacing any previous paths. This feature allows BGP speaker peers to negotiate whether they support advertising and receiving multiple paths per prefix and advertising such paths.	<a href="#">BGP Additional-Paths</a>

Feature or Change	Description	Where Documented
Config Stripe Winner Policy	The fabric now supports a configurable stripe winner policy where you can select a pod for a specific multicast group, group range and/or source, source range. This will ensure that the border leaf elected as the stripe winner is from the selected pod.	<a href="#">About Config Stripe Winner Policy</a>
Proportional equal-cost multi-path (ECMP) routing	You can use the next-hop propagate and redistribute attached host features to avoid sub-optimal routing in the Cisco ACI fabric. When these features are enabled, packet flows from a non-border leaf switch are forwarded directly to the leaf switch connected to the next-hop address. All next-hops are now used for ECMP forwarding from the hardware. In addition, Cisco ACI now redistributes ECMP paths into BGP for both directly connected next-hops and recursive next-hops.	<a href="#">About Equal-Cost Multi-Path Routing in Cisco ACI</a>

**Table 5: New Features and Changed Behavior in Cisco APIC Release 6.0 (1)**

Feature or Change	Description	Where Documented
Remote pools with subnet mask of up to /28	You can now configure remote pools with subnet mask of up to /28.	<a href="#">Remote Leaf Switches</a>
BGP autonomous system (AS) enhancements	<ul style="list-style-type: none"> <li>You can now use the <b>Remove Private AS</b> option to remove private AS numbers from the AS_path in an eBGP route.</li> <li>Support for AS-Path match clause while creating a BGP per- peer route-map.</li> </ul>	<a href="#">Configuring Bidirectional Forwarding Detection on a Secondary IP Address Using the GUI</a> <a href="#">Configuring Route Control Per BGP Peer Using the GUI</a>

