



New and Changed Information

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The following table provides an overview of the significant changes to 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 the Cisco ACI Virtualization Guide

Cisco APIC Release Version	Feature	Description	Where Documented
3.1(1)	Cisco ACI Virtual Edge	Cisco ACI Virtual Edge is the next generation of the Application Virtual Switch (AVS) for Cisco ACI environments. Cisco ACI Virtual Edge is a hypervisor-independent distributed service VM that leverages the native distributed virtual switch that belongs to the hypervisor. Cisco ACI Virtual Edge runs in the user space, operates as a virtual leaf, and is managed by the Cisco Application Policy Infrastructure Controller (APIC).	Cisco ACI VM Networking Support for Virtual Machine Managers in this guide and Cisco ACI Virtual Edge documentation on Cisco.com

Cisco APIC Release Version	Feature	Description	Where Documented
3.1(1)	Cisco ACI with Red Hat Virtualization	Cisco APIC integrates with Red Hat Virtualization (formerly Red Hat Enterprise Virtualization) and enhances the network management capabilities of the platform.	Cisco ACI VM Networking Support for Virtual Machine Managers and the knowledge base article " Cisco ACI and Red Hat Virtualization " on Cisco.com
3.1(1)	Role-based access control for Cisco ACI vCenter plug-in	The Cisco ACI vCenter plug-in supports enhanced role-based access control (RBAC) based on Cisco APIC user roles and security domains.	Role-based Access Control for Cisco ACI vCenter Plug-in and Recommended RBAC Configuration for Cisco ACI vCenter Plug-in in this guide
3.1(1)	Extra NAT firewall public IP addresses for Microsoft Windows Azure Pack (WAP)	You can allocate extra public IP addresses to use with NAT rules with Microsoft WAP. You can request this public IP address from any EPG where NAT is enabled.	Requesting Additional NAT Firewall Public IP Addresses for a VRF
3.1(1)	Read-only mode VMM domain (VMware VDS)	You can create a read-only mode VMM domain for VMware VDS. This enables you to view information about a DVS in VMware vCenter that is not managed by Cisco APIC. You create a read-only VMM domain by setting the access mode when you create the domain.	Creating a Read-Only VMM Domain in this guide.
3.1(1)	vRealize support for Cisco Application Centric Infrastructure Virtual Edge (Cisco ACI Virtual Edge).	Beginning with Cisco APIC Release 3.1(1), vRA and vRO support Cisco ACI Virtual Edge.	Cisco ACI with VMware vRealize in this guide.
3.1(2)	The content in this document for Cisco APIC Release 3.1(1) and Cisco APIC Release 3.1(2) is the same.		