New and Changed Information

This chapter contains the following sections:

New and Changed Information for this Release

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

Table 1: New Features and Changed Behavior in Cisco UCS Director, Release 5.5

Feature	Description	Where Documented
VM Naming Conventions	Specific naming convention is followed for the VM names when application is provisioned for the private network or when adding VMs to an APIC container.	Creating an Application Container Using a Template, Adding VMs
Support of ASAv9.3.2	You can choose the deployment option using which VM can be deployed. The deployment options are listed based on the OVF for ASAv 9.3.1, ASAv 9.3.2, and later.	Adding an ASAv VM Deployment Policy

Feature	Description	Where Documented
Stateful ASA Failover	The configuration of a Cisco ASA firewall in high availability mode now supports stateful failover for the Cisco ASA. Stateful failover ensures that the active unit continually passes per-connection state information to the standby unit. If a failover occurs, this configuration ensures that the same connection information is available at the new active unit.	Adding a Layer 4 to Layer 7 Service Policy
Support for Multi-Context Configuration	Layer 4 to Layer 7 policy must accommodate multiple contexts configurations on the ASA devices.	Adding a Layer 4 to Layer 7 Service Policy
Support for advanced load balancer parameters	Network device system parameter policy sets the NTP and SNMP parameters that are needed to be configured on a load balancer device.	Adding a Network Device System Parameters Policy
SSL Offload Support	The L4-L7 Policy for a load balancer now supports SSL offloading as well as basic load balancing through HTTP. SSL offloading moves the processing of SSL encryption and decryption from the main Web server to a separate device designed for that task. This features increases the performance of the Web server and improves the efficiency of SSL certificate handling. During deployment of an application container, you must provide an SSL certificate for the SSL offloading.	Adding an Application Profile
Dynamic Subnet Size per Tier	The maximum number of VM instances per tier allows you to determine the subnet size for each tier.	Adding an Application Profile
Support for Tags in Datastore	You can choose the tag values for each tier. During container provisioning, resource is selected based on the tag associated with the tier.	Adding an Application Profile

Feature	Description	Where Documented
Application Profile Support for Hyper-V	You can also perform a container provisioning in the Hyper--V environment.	Adding an Application Profile
Shared L3Out Feature	To integrate the ACI fabric with shared external Layer 3 network. The network must be tagged and updated on Tenant vPOD in advance and the same tag must be selected for the external network in case of shared L3Out.	Adding an Application Profile
Loadbalancer vServer Support	The application container has the ability to view, add, or delete the load balancer L4-L7 services. The newly created VMs are added as real servers to the L4-L7 service .	Configuring L4-L7 Services
Contract between Different Containers	You can view and add the contract between tiers of different containers in Cisco UCS Director. You need to drill down each contract to view all the security rules created for each application container in Cisco UCS Director.	Adding Contracts
Add vNIC to Container VM	You can add vNIC to the container VM for private network communication between VMs belonging to same network zone.	Adding a Virtual Network Interface Card to a VM
Container to show Virtual Routing and Forwarding instance	Added Virtual Routing and Forwarding (VRF) instance in the Tier summary of the Container report.	Viewing Application Container Information