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VMware NSX-T Data Center 2.5.0 Migration Coordinator Release Notes

Migration Coordinator | 19 SEP 2019

Check for additions and updates to these release notes.

What's in the Release Notes

The release notes cover the following topics:

- About Migration Coordinator
- Important Information About Migration
- Known Issues
- Resolved Issues

About Migration Coordinator

The Migration Coordinator can be used to aid in the migration from NSX Data Center for vSphere to NSX-T Data Center. This feature is designed to migrate existing hosts without the use of vMotion. The Migration Coordinator supports migration of layer 2 networking, layer 3 networking, firewall, load balancing, and VPN.

There is no need for additional compute resources beyond the deployment of NSX-T Managers and Edge Nodes. Once the migration is complete a customer can uninstall NSX for vSphere and the associated Managers, Controllers and Edges. Please note that this migration does impact data plane traffic and is designed to be completed in a single change window.

Important Information About Migration

Important: The migration from NSX Data Center for vSphere to NSX-T Data Center causes traffic outages during Edge and Host migration steps. You must complete the migration within a single maintenance window. Contact your VMware representative before attempting the migration.

Resolved Issues

- **Fixed Issue 2345649: Migration will fail if NSX for vSphere has any security groups with display names exceeding 245 characters**
  If any Security Group in NSX for vSphere has a display name with more than 245 characters, the migration process will fail in the Migrate Configuration step.

- **Fixed Issue 2319981: Edge cutover fails in topology in one topology when more than one Edge Services Gateway-Distributed Logical Router pairs are present**
  If you migrate from the topology "Two Levels of ESG with L4-L7 Services on Second-Level ESG" and the environment contains more than one Edge Services Gateway-Distributed Logical Router pair, the Migrate Edges step fails and the system is in a partially migrated state.

- **Fixed Issue 2282738: Logical switches created during V2T migration have SOURCE based replication mode**
  All logical switches created from the migration coordinator have their replication mode set to SOURCE replication. This would lead to performance impacts since SOURCE replication mode for multicast is expensive.

Known Issues

- **Issue 2400965: Migration fails if VM vNIC is attached to VTEP port group**
  If a virtual machine has a vNIC connected to the port group used for the NSX for vSphere VTEP, migration will fail during the Migrate Hosts step.

  Workaround: Connect the virtual machine vNIC to a port group that is not used for the VTEP and retry the migration.

- **Issue 2384095: Migration of external syslog collector configuration to NSX-T fails.**
  When a DNS name is used for the external syslog collector, and that name can't be resolved to an IP address, the migration of this configuration to NSX-T fails.

  Workaround: You can either ensure that the DNS name resolves to an IP address, or reconfigure the syslog collector after the migration to NSX-T.

- **Issue 2360274: User-defined session timer configurations are not applied when Maintenance migration mode is used**
  User-defined session timer configurations are migrated to NSX-T using groups. These groups are created with the same name as the NSX for vSphere session timer configuration. VMs and ports that have user-defined session timer configurations on NSX for vSphere are added to the corresponding NSX-T groups during migration. However, if Maintenance migration mode is selected for a cluster, the cluster's VMs and ports are not added to the appropriate groups and the session timer configuration is not applied.

  Workaround: Add VMs and segment ports to the appropriate groups after the hosts have migrated to NSX-T.

- **Issue 2290812: After migration, approved/detected IPs on NSX for vSphere are converted into Manual bindings on NSX-T.**
  If these manual bindings are left, new IPs are not detected on this port.

Workaround: As a best practice, remove the manual bindings from all VM ports after migration is finished and validated. Before you delete a manual binding, go to **Advanced Networking & Security > Switching > Ports** and verify that the Auto Discovered Bindings list contains the correct IP address.

- **Issue 2285219: Three minute North South traffic outage for workloads**
  Traffic from/to workloads to/from outside data center running on host undergoing migration sees more than three mins outage. Note that this is seen only for workloads on a host when that host undergoes migration from NSX Data Center for vSphere to NSX-T Data Center.

  Workaround: None.

- **Issue 2283688: Multicast traffic is not replicated on logical switches during the migration period.**
  There is an outage of multicast traffic on logical switches from the start of Edge migration to the end of Host migration.

  Workaround: None.