Ipswitch Failover - Ipswitch Failover v9.5 - Release Notes

Summary

This Knowledge base article provides information about this specific release of Ipswitch Failover v9.5

More Information

Supporting Documentation

A listing of technical documents supporting this version of Ipswitch Failover are contained in *IKB #2797 - v9.5.[n] Ipswitch Failover - Technical Documentation*.

What's New

Ipswitch Failover v9.5 delivers the following key features and benefits:

- Expanded Deployment Options for Ipswitch Failover
    - Physical to Physical
    - Non-VMWare Environments (Hyper-V)
    - Manual Cloning
- Improved Management Functions
    - Ipswitch Failover Management Service can now be deployed on a Windows Desktop
    - Faster Web UI
    - All the major management functions have been ported over to the Ipswitch Failover Management Service from the legacy Java based client which include the following:
        - Services Tab which allows the users to manage protected services; define, molnitor, and select recovery rules for protected services.
        - Data Tab which is used to define the file filters and monitor the data/replication traffic including WAN compression.
        - The Shadows tab which is used to control VSS shadow copies as part of the DRM module.
        - Replication management actions.
        - Application control actions.
        - Shadows management actions.
- v9.0[.n] to 9.5 Upgrade Process
    - Upgrade any existing Ipswitch Failover 9.0 deployment to 9.5 easily via a simple wizard.

    - Backward Compatibility.
    - Ipswitch Failover Management Service can manage a mixture of 9.0[.n] and 9.5 deployments.
- Improved performance at scale with large vCenter Server environments
    - Performance improvements.
    - VMware vCenter Server enumeration can handle over 10K objects (VMs, hosts, etc.)
    - Add Search Capability when selecting vCenter Options for VMs and Datastores
- Install/Uninstall improvements
    - Minimal VMware vSphere permissions for vCenter Server user listed and checked
    - Install/uninstall without vCenter Server configured
    - Flexible uninstallation process for passive servers
- Public Identity improvement: flexible/configurable skipAsSource policy
- Updated SQL Server Plug-in: added support tor SQL 2014SP1, SQL 2012 SP2/SP3. SQL 2008R2 SP3, SQL 2008 SP4. Removed interaction/protection (at any level) for 2008/2012 Windows Internal Database.

Additional Detailed Information

Supporting Documentation

- Ipswitch Failover v9.5 Installation Guide
- Ipswitch Failover v9.5 Administrator's Guide

Supported Deployment Infrastructure

- Server roles/applications for which protection will be installed automatically are:
    - MOVEit Automation 2017 (9.1), Central v8.1, 9.0
    - MOVEit Transfer 2017 (9.0), DMZ 8.2, 8.3
    - SQL Server 2008 SP4, SQL Server 2008 R2 up to SP3, SQL Server 2012 up to SP3, SQL Server 2014 up to SP1
    - mySQL (Ipswitch embedded version)
    - File Server
    - Internet Information Server
- Additional supported plug-ins
    - Ipswitch Failover for Business Application

Pre-requisites

- For information about pre-requisites for deploying Ipswitch Failover v9.5, refer to the following:
    - Ipswitch Failover v9.5 Installation Guide

Fixed Issues

- Provide a 30 day evaluation capability for a pair/trio without any licenses for any product (EN-834).
- Create auditable licenses issued to customers (EN-839).
- Attempting to download the Advanced Management Client via the Failover Management Service User Interface results in Error #2308 (EN-1300).
- After deploying Ipswitch Failover, the navigation through Status/Events/Tasks/Rules/Settings is blocked (EN-965).
- When extending a pair to a trio, the status message displayed during tertiary deployment may not be accurate (EN-1094).
- Performing a single node upgrade and then cancelling the upgrade will continue to display the single node upgrade status in the server list (EN-1491).
- When performing an upgrade and selecting the *Upgrade only a specific server in the cluster* option, the progress status for the Secondary/Tertiary sever being upgraded is displayed in the Primary server *Status* field (EN-1491).
- Pressing the Cancel button when the source clone is shutdown, the Cancel button remains grayed-out (EN-1692).
- The FMS User Interface Menus may fail to display following the launch of the Uninstall Wizard (EN-1683).
- During shadow creation, the following error may display: Error in File: .scr\jni.cpp, Function: Java_com_ipswitch_rollback_RollbackNativeAdapter_isShadowCreated ,Line: 163 when a shadow was created (EN-1576).
- Progress bar vs Concurrent installs: In the FMS, under the progress bar, the report of only one of the pairs can be seen (EN-905).
- The Failover Management Service User Interface fails to display a correct status when it is closed and reopened during an upgrade process (EN-1083).
- After uninstalling Ipswitch Failover, when reinstalling, the status of the operation may briefly display inaccurately. (Ref-16640).
- Switchover plan fails after applications are unprotected and protected again (EN-1446).
- After a switchover, the Events page from EMS is not correctly populated (EN-1649).
- After adding a valid license to an Ipswitch Failover pair, a Warning sign is still present in the Protected Servers pane of the Failover Managment Service (EN-881).

- If a protected server is removed and re-added via Discover Protected Servers in the Failover Management Service, old tasks may display in the tasks pane for the newly added protected server (Ref-15470).
- When attempting to collect logs via the Ipswitch SCOPE Configuration Tool, the dialog prompting you to put Ipswitch Failover into the Maintenance Mode is hidden behind the Ipswitch SCOPE Configuration Tool dialog and prevents you from collecting the logs (Ref-14294).
- Multiple concurrent tasks of the same type may not be shown correctly in the Failover Management Service (Ref-16522).
- When upgrading Ipswitch Failover with the Ipswitch System Tray tool running, the About information may not be updated.
  Workaround: Restart the Ipswitch System Tray tool (EN-867).
- The Failover Management Service **Acknowledge** button doesn't clear the failure status in some scenarios (EN-970).
- When the Primary server install fails at the add server to protected servers list, the wrong failed message status is displayed (EN-971).
- Logging out of the Failover Management Service User Interface with a server pair selected in the Protected Servers pane and logging back in may result in the server cluster's information failing to display (EN-1018).
- Synchronization status between servers in a trio is relative, for example, "A" is in-sync with "C" if "A" is in-sync with "B" and "B" is in-sync with "C" (EN-1037).
- The Plan Execution pane steps displayed may not correspond to the server cluster selected in the Protected Servers pane except when an update arrives (EN-905).
- During deployment onto the Primary server, an error is displayed: Unable to probe a null or empty host name (EN-1534)
- The status of the Vmware vCenter Converter remains in a "connecting" state even if a connection was configured (EN-1693).
- After configuring/reconfiguring vCenter Server, the vCenter Inventory may not display or update in EMS immediately (EN-1817).
- During deployment, stopping, or upgrading, the "X" error icon may display on the FMS page (EN-1837).

Known Issues

Ipswitch Failover Management Service

- Latched Rules should be displayed in the FMS UI with only one "On Failure Action" drop-down field (EN-2023).
- Time response is too short for delete service. Command response not received in time (EN-2003).

- With SQL Plug-in + SQL 2014 & In-Memory Tables may result in an OFFLINE DB state during "In Recovery" state (EN-329).
- If the targets for network monitoring are not configured, the network status shows -1 missed pings (EN-704).
- On uninstallation of Failover Management Service, you may receive a popup about another process holding a lock on a log-file.
  Workaround: Start Task Manager and terminate any instances of nfremoteexec.exe (Ref-15310).
- Downloading the Advanced Client from EMS silently fails in Chrome (EN-1836).
- Due to the current design, Enging Management Service is not Managment IP aware (only Public IP aware) (EN-1946).
- The Failover Management Service MSI repair mode fails to operate properly (EN-1389).
- The Ipswitch Failover – Configure Server wizard is missing the management page instructions and help (EN-1854).
- Ipswitch Failover does not allow a user to create a VM (Secondary) server when only a Primary and Tertiary server are present (EN-508).
- "Failed to upload: Error #2038" error can occur in Ipswitch FMS if you try to license your cluster from Mozilla (EN-2045).

Install/Uninstall

- Some licensing error messages are not useful (EN-967).
- The Ipswitch Failover .msi installer package is sometimes detected as having untrusted publishers (EN-969).
- Downgrade of Failover Management Service v9.5 to v9.0 is not supported.
  Workaround: Uninstall FMS v9.5 and then install FMS v9.0 (TD-82).
- DHCP-set gateway and DNS servers present on Secondary-HA post-cloning/configuration (EN-1996).
- After uninstall of Ipswitch Failover and during Ipswitch Failover deployment on the primary fails with error "Failed to validate credentials. The network name cannot be found" (EN-1602).
- Ipswitch Failover fails to uninstall on the Tertiary server (EN-1589).
- If the Ipswitch Failover is running, a new license is added to the list of licenses. If the Ipswitch Failover is stopped, it replaces the list of licenses (EN-902).

Administration

- In the event the registry preferences are lost, they will be restored during the Ipswitch Failover Service restart (EN-1447).

- When a trio is installed and the Secondary server becomes dead or deleted, you must reinstall the entire trio (EN-508).
- LogCollector.exe - The process was terminated due to an unhandled exception (EN-2011).
- Downloading the Advanced Management Client from the Failover Managment Service silently fails in Chrome (EN-1836).

Installation instructions for Ipswitch Failover are found in the following document:

- Ipswitch Failover v9.5 Installation Guide

Uninstalling Ipswitch Failover Management Service

1. Stop Ipswitch Failover Management Service.
2. From the Control Panel, uninstall Ipswitch Failover Management Service.

Note: If you receive a popup warning about another process accessing a log, start Task Manager and terminate any instances of nfremoteexec.exe

Applies To

Ipswitch Failover v9.5