Release Notes

Version 4.0

Note:

Before using this information and the product it supports, read the information in “Notices” on page 9.

Edition Notice

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Congratulations on your purchase of FixStream's Meridian. Meridian provides a comprehensive operational analytics and visualization platform which is targeted at managing and optimizing cloud datacenters with strong top-down insights into key business planning and continuity requirements.

Version History

VERSION	RELEASE DATE
4.0	14 Jan 2017
3.10.x	11 Nov 2016
3.6	16 Sep 2016
3.2	9 Sep 2016

Why Install this Version

In keeping with FixStreams' commitment to provide a deep awareness of the location, health and performance of each specific application and its associated infrastructure resources inside and across cloud data centers, this version of Meridian introduces a number of significant enhancements to improve performance and provide greater stability in more demanding environments.

New Features and Enhancements

The following sections provide an overview of features and enhancements that are available in this version of Meridian.

New Features of This Version

Meridian version 4.0 provides the following new features:

1. 6565: Two way Integration with OTRS for auto ticketing
    - OTRS is a trouble ticketing system. Any incident recorded in Meridian initiates an auto ticket in OTRS and if any ticket closed in OTRS will reflect in Meridian.
2. 6021: Device Availability graph with KeepAlive data in time series
3. 6567: Enhancement of overlay feature (Fault/Alerts/Event) for large size topologies
4. 6568: User Role(s) with their function and permission in application

- Admin – Full access
- Discovery – no access to admin settings
- Default – no access to admin settings and discovery (Read only user)
- No Access – Restricted access to specific sites

5. Configured User role access implementation across all Meridian functionalities
6. Application Services availability using KeepAlive
   - Scheduling of Service KeepAlive – To schedule monitoring of services running on a particular device.
   - Displaying monitored services – To view the monitored services and their running status.
   - Alerts for service KeepAlive – To receive alerts for monitored services if it goes down or number of instances of the monitored service falling below the threshold set.
   - Keep alive chart for each service – To display the number of instances running for monitored services.
   - Threshold setting for service KeepAlive – To set the minimum number of running instances for the monitored services.
7. Auto-creation of Dynamic service groups based on auto-service discovery
   - To auto-create device groups based on selected services running on devices.
8. Implementation and integration of SCOM API's
9. LDAP configuration capabilities from UI
   - Add/Edit LDAP server details from UI – To configure LDAP server from UI
10. Customized logo upload facility from UI
11. Auto-refresh functionality for discovery
    - For every ten seconds, Discovery page gets reloaded.
12. Expanding hidden devices functionality to include Storage and Analytics tab
    - Hidden devices will not be displayed in Storage and Analytics tab.
13. Superadmin role with master control
    - Default created user with master control
14. 6525: Integration with IBM Tivoli for faults in event center
    - To display the faults captured by IBM Tivoli on the event center UI
15. 6377: Health history charts under dashboard
    - To show the health history for a device
16. Display disk volume name on Alert graph

- To display the name of the predicted volume on its Alert graph

17. Single Instance live metrics
    - Current run-time data of resource utilisation of any device or instance

Enhancements

Meridian version 4.0 provides the following enhancements:

1. 6019: Improvements in discovery tab to automate some of the user tasks
2. 6564: Topology Enhancement and Scalability
    - Dynamic VM scaling per Hypervisor
    - vMotion invalid link detection
    - Topology zoom/drag enhancements
3. 6566: Dashboard Widget Customization
    - To customize the widgets on the dashboard
4. Application page redesign
    - Separate views for traps and alerts in event correlation
    - Automatic navigation to event correlation tab for failure details in Transaction
5. Pop-up window on Application click
    - IMAN view appears by clicking on any application
6. Application Alert/Fault overlay pop-up on the dashboard

New customer installation

For step-by-step installation instructions, please refer to the ***Meridian Installation Guide***.

Fixed Issues

This version of Meridian includes the following fixes:

1. 3292: Application discovery drop down should have only compute related values
2. 6667: Application creation enhancement – Naming application manually
3. 6630: VM Migration case handling
4. 6610: IMAN – Enhancement to correct formatting for exported IMAN
5. 6595: Topology – Fault overlay enhancement functionality
6. 6274: Enhancement to the performance collection on Hidden devices
7. 6264: User configurable SMTP email reporting functionality
8. 4942: Enhancement to edit service name mapping
9. 6339: Delete functionality not working when you delete a device from scheduled performance
10. 6338: Device hide functionality improvement
11. 6326: Alert functionality for disc monitoring
12. 6321: Device Discovery replay enhancement to include service account
13. 6279: Event collection performance enhancement

Known Issues

The following issues are known to occur in this release of Meridian.

1. 6998: Severity column filter not working in Event Center
2. 6996: Device count is reducing without any operation on Meridian
3. 6837: In Nagios, MySQL monitoring last update time showing wrongly for one of the parameters
4. 7025: Duplicate hostname is reflecting in UI through vCenter discovery

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