Page Title: adding-devices-for-monitoring
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Credential Profile

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Discovery Profile

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Adding Servers for Monitoring

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Adding Cloud Devices for Monitoring

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Adding Network Devices for Monitoring

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Adding Virtualization Devices for Monitoring
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Adding Service Checks for Monitoring
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Adding Wireless Devices for Monitoring
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Azure Integration Steps
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Adding WAN Link for Monitoring
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Office 365 Integration Steps
Integration through the O365 Portal
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Adding HCI Devices for Monitoring

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Adding SDN Devices for Monitoring

Page Title: agent-based-monitoring-system

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MotaAgent

In the Agent-based Monitoring system of Motadata AlOps, you can install MotaAgent on your Linux-based or Windows-based monitors. MotaAgent establishes a connection between the monitor and Motadata AlOps, enabling efficient and comprehensive monitoring.

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Architecture of Agent-Based Setup

The agent-based setup consists of two main components:

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Configuring Metric and Log via MotaAgent

MotaAgent is an integral component of motadata AIOPS, enabling seamless monitoring of various system metrics and logs. After you have installed Agent on a monitor, you can use this guide to walk you through the process of configuring metrics using MotaAgent. By following these steps, you can easily toggle metric groups ON/OFF for monitoring and adjust their respective polling times.

Page Title: aiml-policies

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Overview

AI/ML policies in Motadata AIOps introduce an advanced level of intelligence and automation to

streamline IT operations, enhance efficiency, and enable proactive problem resolution. These

policies leverage machine learning algorithms, data analytics, and contextual insights to deliver

actionable recommendations, automated actions, and predictive capabilities for managing IT

infrastructure and services.

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Anomaly Policy

The Anomaly policy in Motadata AlOps is a powerful tool designed to detect and alert on anomalous

behavior in system metrics, log data, and flow data. It utilizes sophisticated algorithms to identify

deviations from expected patterns and triggers alerts when unusual or abnormal behavior is

detected. This policy evaluation occurs every 15 minutes, providing real-time insights into potential

issues or anomalies within the IT environment.

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Forecast Policy

Page Title: alerts-and-policies

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How Alerts and Policies work?

Overview

What are the different Alert Severities?

Overview

Configuring Policies to Setup Alerts

Overview

What are the different Alert Types?

Overview

Basic Policies

6 items

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AI/ML Policies

3 items

View and Manage Alerts

Overview

Alert Correlation

Motadata AlOps incorporates an intelligent alert correlation module that prevents the system from bombarding administrators with numerous alerts when multiple devices are affected by a common issue. This feature is particularly useful when dealing with interconnected devices such as switches, firewalls, and their associated devices.

Macros in Alerts & Policies

You can customize your alert messages by including pre-defined Macros. These Macros serve as placeholders that are automatically replaced with actual values when the alert is triggered. By leveraging Macros, you can tailor your alert messages to provide precise information about the event that triggered the alert, facilitating quicker and more informed decision-making.

Page Title: audit

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How to Audit the Entity Changes and User Actions in AlOps?

Motadata AlOps provides an Audit module that enables tracking of all the changes that are made to the various entities or processes available in the system including Dashboard, Agent, Discovery, and, Monitor etc. This helps in keeping a record of all the changes made to these entities and helps in maintaining the system's integrity.

Page Title: backup-and-restore-management

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Overview

This section covers the essential processes of backing up and restoring critical components within Motadata AlOps, including the configuration database (config db), report database (report db), and NCM devices. Proper backup and restoration procedures are vital for data security and system recovery.

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Backup Profile

A Backup Profile is a fundamental element for configuring backups. It defines what data is backed up and the retention settings. Essentially, there are two types of Backup profiles; namely, Configuration Database (ConfigDB) and Report Database (ReportDB) which can be created. By default, a ConfigDB profile will be created in Motadata AlOps. A Storage Profile will be mapped to these Backup Profiles.

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Storage Profile

The Storage Profile complements Backup Profiles by specifying where the backups are stored. It's particularly useful when you want to maintain off-site backups for redundancy and disaster recovery. $\eth \ddot{\Upsilon}$, $\ddot{\Gamma}$.

Restoring Backups

This section guides you to the restore processes in Motadata AlOps. It highlights the key components and concepts that you'll encounter throughout this module. Restoration of backups is

essential for system recovery in the event of data loss or issues.

Page Title: basic-policies

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Availability Policy

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Metric Policy

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Log Policy

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Flow Policy

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Trap Policy

Page Title: dashboards
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How to Create a Dashboard?
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Actions on the Dashboard
Once you have created a dashboard, there are several actions available on the dashboard. Let's
take a closer look at each of them
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Widgets
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Visualization
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Querying Data on the Widget
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Adding Style and Sorting Details

Overview

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Actions on the widget

Select on the top-right of any widget to display the options available for the widget:

Page Title: faqs

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Adding Devices For Monitoring

What cloud vendors and services are supported by Motadata AlOps?

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Monitor Rediscovery

What is monitor rediscovery in Motadata AlOps?

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Tag Management

What are tags in Motadata AlOps?

Page Title: flow-analysis

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Network Observability through Flow Analysis

A major use-case of AIOps is network observability, which involves analyzing the metrics related to a network to understand what is happening inside it, and how the internal state of the network impacts business objectives and the user experience.

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How to Analyze the Flow Data?

Overview

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Preset Dashboards

Preset Dashboards in Motadata AlOps provide you with graphical representations of flow datasets, giving you meaningful insights into your network. By default, this screen displays the information for all devices sending their flow to Motadata AlOps.

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Configuration to ingest Flow

In this section, we will discuss some of the configuration options available for flow settings in AlOps. ðŸ""ïͺ•

Flow Explorer

Flow explorer is a tool that enables you to graphically visualize the flow data for all the devices sending flow to Motadata AIOps server. Flow explorer provides consistent visibility into your network

allowing you to judge essential infrastructural requirements, make business-driven decisions, and	t
ensure efficient and cost-effective operations based on the network flow data presented to you.	

Page Title: getting-started

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Introduction to Motadata AlOps

Welcome to Motadata AlOps, your advanced solution for intelligent IT operations. Motadata AlOps is a powerful Artificial Intelligence for IT Operations platform designed to streamline and optimize your IT infrastructure management, ensuring a seamless and efficient IT environment.

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Metric Monitoring

Metric Ingestion

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Log Monitoring

Log Ingestion

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Flow Monitoring

Flow Ingestion

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Deployment Guide

Welcome to Deployment Architecture Overview for Motadata AlOps. This document serves as a comprehensive guide to understanding the deployment architecture of Motadata AlOps, a powerful AlOps (Artificial Intelligence for IT Operations) solution.

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Installation Guide

7 items

Configuring your Motadata AlOps Profile

Welcome to Motadata AlOps! Your profile is your identity within the system, and configuring it to suit your needs is an essential part of getting started. In this guide, we'll walk you through the process of customizing your profile settings. Let's get started.

Supported Infrastructure Types in Motadata AIOps

Motadata AlOps is a powerful and versatile solution designed to provide comprehensive monitoring and management capabilities across various aspects of your IT environment. To help you efficiently manage your infrastructure and services, Motadata AlOps categorizes supported components into distinct types. Understanding these infrastructure types is fundamental to effectively harnessing the full potential of Motadata AlOps.

Common User Interface Elements in Motadata AlOps

In Motadata AlOps, you will encounter a wide array of features and functionalities designed to make your experience smooth and efficient. To help you navigate with ease and confidence, we've created this section, "Common User Interface Elements in Motadata."

Motadata AlOps Health Monitoring

The Health Screen Monitoring module in Motadata AIOps serves as a comprehensive hub for

monitoring various aspects of your Motadata AlOps deployment. Acting as a centralized point of access, it allows users to monitor live sessions, database and cache statistics, upgrade details, and restore past backup versions of Motadata AlOps. This feature streamlines maintenance tasks and provides a holistic view of the health and performance of Motadata AlOps, regardless of deployment type.

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Motadata Support

At Motadata, we are committed to providing excellent support to our users throughout their journey with Motadata AlOps. Whether you have questions about the product, need technical assistance, or want to explore the full potential of the platform, our support team is here to help you every step of the way.

Page Title: installation-guide

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Installation Guide for Single-Box Standalone Deployment

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Installation Guide for Distributed Standalone Deployment

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Installation Guide for High Availability Deployment

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Installation Guide for Disaster Recovery Deployment

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Installation Guide for High Availability Over WAN

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Installation Guide for Collector Deployment

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Installation Guide for MotaAgent

The MotaAgent installation enables device-level monitoring and data collection. Agents are installed on individual devices, such as servers and workstations, to gather essential performance data.

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How to View and Analyze the Logs?

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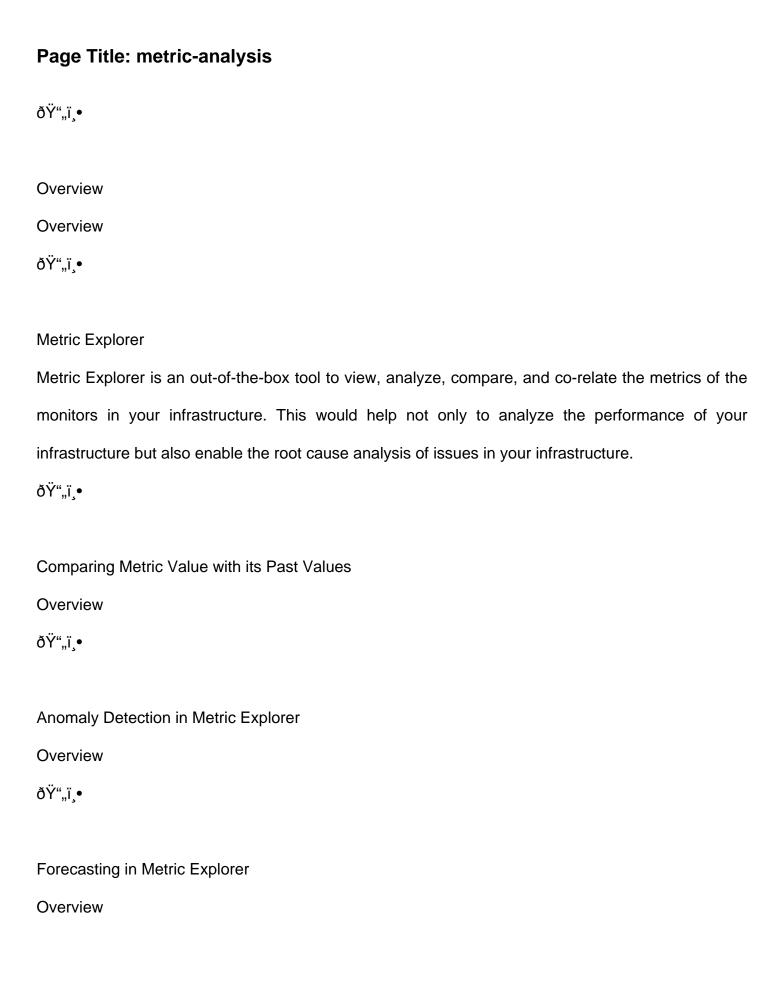
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Log Collection Profile	
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Log Parser Plugin



Page Title: metric-plugin	ì
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Create SSH Metric Plugin

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Create Powershell Metric Plugin

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Create Database Metric Plugin

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Create Custom Metric Plugin

Overview

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Create SNMP Metric Plugin

Page Title: monitors

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What is a Monitor?

A Monitor can be defined as any IT infrastructure component that is discovered and provisioned within Motadata AlOps for the purpose of comprehensive monitoring. It plays a crucial role in enabling real-time monitoring and generating insightful performance metrics.

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Monitoring Your Infrastructure

In the world of IT infrastructure management, having a real-time understanding of the health and performance of your systems is essential. Motadata AIOps introduces the Monitors, a way to provide comprehensive insights into your IT environment, empowering you to proactively manage and optimize your infrastructure.

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Monitor Settings

The Monitor Settings section in Motadata AIOps provides you with comprehensive configuration and management options for monitors, agents, processes, and services that are discovered within the system. This screen serves as a centralized hub for fine-tuning the monitoring settings and optimizing the monitoring experience.

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Monitor Rediscovery

Overview

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Topo	logy	Scan	ner
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A topology scanner can be used to set up the topology maps for network devices on the Topology scan.

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SNMP Device Catalog

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Process Monitoring

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Service Monitoring

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File and Directory Monitoring

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Configure the Monitoring Time-period

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Configuring a Monitor Maintenance Window

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Custom Monitoring Fields
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How to Edit Monitor properties?
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How to Delete a Monitor?

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Page Title: motadata-aiops-upgrade

Overview

Upgrading Motadata AlOps is a crucial aspect of ensuring that your system is equipped with the latest features, improvements, and security enhancements. This user guide will walk you through the upgrade process for the master, collectors, and agents in Motadata AlOps.

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Upgrade

6 items

Page Title: motadata-serviceops-integration

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Configuring AIOps to ServiceOps Integration

Overview

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Create Incidents in ServiceOps via AlOps Alerts

To enable incident creation in ServiceOps via the integration established between AlOps and ServiceOps, you can configure the action within the policy settings in AlOps. This action allows you to trigger an alert in AlOps, which subsequently generates an incident in ServiceOps when specific events occur in your infrastructure.

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Configuring ServiceOps to AlOps Integration

The ServiceOps to AlOps Integration facilitates the synchronization between Motadata ServiceOps and Motadata AlOps platforms, ensuring streamlined incident management and alert resolution processes. This integration enables automatic clearing of alerts in AlOps when corresponding tickets are closed in ServiceOps. By establishing this bidirectional communication, organizations can maintain consistency across their IT operations.

Page Title: network-configuration-management

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Overview

In the complex world of modern network administration, overseeing the configuration of a diverse range of devices such as routers, switches, firewalls, and other core network infrastructure components poses a significant challenge. Managing these elements in a multi-vendor environment requires a holistic approach to network configuration management.

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Adding Devices for Network Configuration Management

In Motadata AlOps, the process of adding devices for Network Configuration Management (NCM) is integrated with the discovery of the network device for monitoring. When you complete the discovery of a network device or a wireless device in Motadata AlOps, the device is not only configured as a Monitor but it is also setup in the NCM device inventory

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NCM Device Inventory

In Motadata AlOps, the NCM Device Inventory serves as the central hub for managing and monitoring devices configured for Network Configuration Management (NCM). This inventory provides crucial information about network monitors setup in Motadata AlOps, offering administrators a comprehensive overview and control over their network configurations.

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NCM Device Template

In the Device Template section, administrators can manage the configurations associated with NCM

devices. Each NCM device is assigned a unique template based on its Object Identifier (OID). These templates serve as guidelines for executing backup, restore, and synchronisation operations on the startup and running configurations of network devices.

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Macros and Prompt Commands for Custom Template
Introduction to Macros in NCM Device Template
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Backup and Restore for NCM device

Efficient backup and restore processes are integral components of Network Configuration Management (NCM) in Motadata AlOps. This section outlines how administrators can schedule backups, attach storage profiles, and restore configurations for individual devices or perform bulk restores.

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NCM Overview & Explorer

Explore the powerful features of the NCM Explorer, your centre for effective network configuration management. Designed to streamline Network Configuration Management operations and enhance visibility, the NCM Explorer brings your network devices into focus.

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NCM Runbooks

NCM Runbooks in Motadata AlOps can be created by executing SSH Runbooks, enabling you to automate various tasks and streamline network configuration management. Runbooks allow you to achieve numerous use cases, such as changing the description of all interfaces, modifying VLANs on specific interfaces, enabling SNMP across all devices, and activating SNMP traps on all devices

simultaneously.

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NCM Firmware Upgrade

Firmware Upgrade in Motadata AlOps NCM

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Adding Firmware Upgrade Commands to a Device Template

Motadata AlOps provides a comprehensive solution for managing firmware upgrades on network devices. This feature enables you to define and execute a sequence of commands necessary to upgrade a device's firmware, ensuring enhanced performance and security. The commands are configured within the associated NCM device template, which dictates the entire firmware upgrade process. Below, we outline the steps involved in configuring firmware upgrade commands, followed by an example specific to upgrading the firmware of a Cisco device.

Page Title: plugin-library

Runbook

1 items

Metric Plugin

8 items

Topology Plugin

1 items

Log Parser Plugin

1 items



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Overview

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Out-of-Box Inbuilt Reports

Overview

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Creating Custom Reports

Motadata AlOps offers a powerful feature that allows you to create custom reports tailored to your specific needs. The process to create custom reports in Motadata AlOps is divided into three steps, each focusing on different aspects of report creation:

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Custom Availability Reports

The custom availability report allows you to monitor the availability and uptime of your critical components. This report provides valuable insights into the availability status of selected entities, enabling you to track downtime incidents and identify areas that require immediate attention.

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Custom Performance Reports

The custom performance report enables you to monitor the performance metrics of your infrastructure components based on your specific requirements. This report provides detailed

insights into the performance characteristics of selected counters, allowing you to track key metrics and analyze trends over time.

Custom Inventory Reports

The custom inventory report allows you to generate detailed inventories of your Monitors, Applications, Interfaces, VMs, Access points, and Processes providing comprehensive insights into the configuration and attributes of your infrastructure components. This report is invaluable for tracking asset details, managing inventory changes, and ensuring compliance with organizational standards.

Custom Active Alerts Reports

The custom active alerts report allows you to monitor and analyze the current status of active alerts triggered within your monitoring environment. This report provides valuable insights into ongoing issues, enabling you to prioritize and address critical alerts. By customizing the report parameters, you can focus on specific alert policies, severity levels, and monitored entities to effectively manage your alerting.

Custom Availability Alerts Reports

The custom availability alerts report allows you to analyze past availability alerts triggered within your monitoring environment. This report provides insights into the different states of availability alerts, including Unknown, Up, and Down, for the selected entity. By customizing the report parameters, you can focus on specific monitored entities and monitor the historical availability status to identify availability trends.

Custom Metric Alert Reports

The create custom metric alerts report page allows you to generate tailored reports focusing on metric-based alerts within your monitoring environment. This page offers intuitive fields and options to define the report criteria, allowing you to tailor the report to your organization's monitoring needs and objectives. This report empowers you to identify your infrastructure behavioural trends and potential issues, enabling proactive management and optimization of your IT environment.

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Custom Log Analytics Reports

The custom log analytics report allows you to extract valuable insights from log data collected within your monitoring environment. This report provides a comprehensive analysis of log events, enabling you to identify trends that may impact infrastructure performance. By creating customized log analytics reports, you can extract meaningful information from log events, detect security threats, troubleshoot issues, and optimize system performance. This page provides the necessary details to configure the report according to your log analysis requirements, enabling you to derive actionable insights from your log data.

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Custom Flow Analytics Reports

The custom flow analytics report enables you to analyze network traffic flow data within your monitoring environment. This report provides insights into network behavior, traffic patterns, and potential security threats, allowing you to optimize network performance and enhance security posture. By customizing the report parameters, you can focus on specific flow data sources, protocols, or time periods to gain deeper visibility into your network infrastructure.

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Custom Script Reports

The create custom script report page allows users to generate reports based on custom scripts within the Motadata AlOps platform. This feature enables organizations to extract specific insights and metrics from their IT environment using customized scripts tailored to their unique monitoring requirements. By leveraging custom script reports, users can gain deeper visibility into key performance indicators, troubleshoot issues, and optimize their infrastructure effectively.

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Log Events Reports

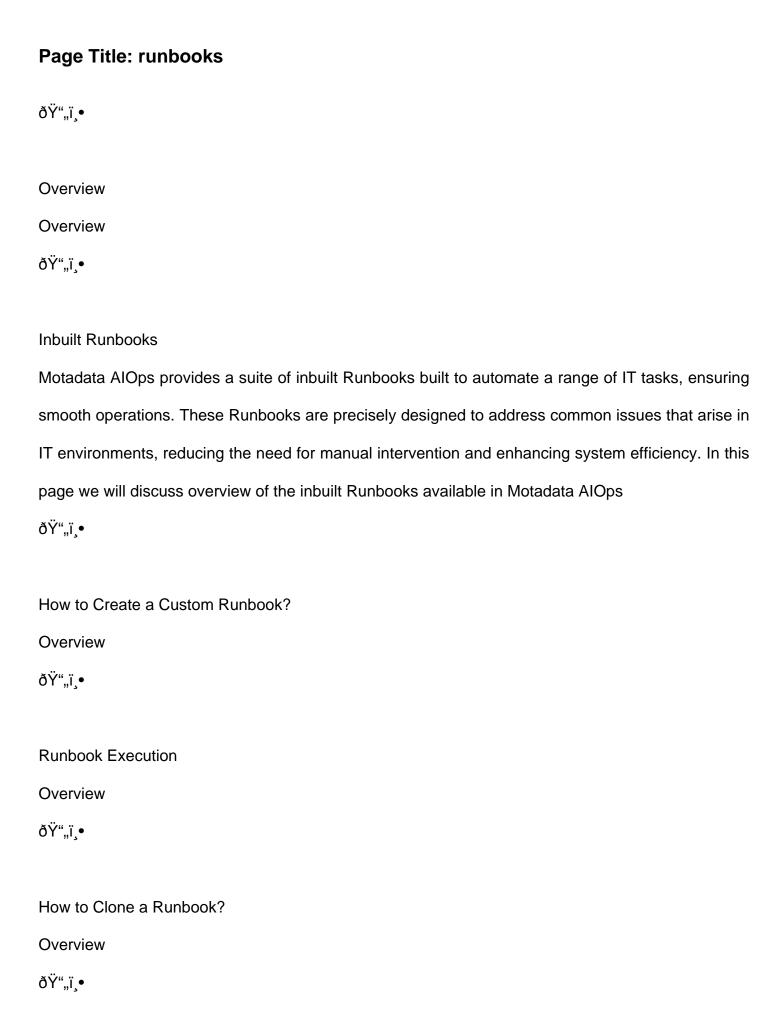
Select the data to be displayed on the report

Page Title: runbook

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Runbook

Please refer to the Runbooks section in the user guide for more information.



Create a SSH Runbook

Overview

NCM Runbooks

NCM Runbooks in Motadata AlOps can be created by executing SSH Runbooks, enabling you to automate various tasks and streamline network configuration management. Runbooks allow you to achieve numerous use cases, such as changing the description of all interfaces, modifying VLANs on specific interfaces, enabling SNMP across all devices, and activating SNMP traps on all devices simultaneously.

Create a PowerShell Runbook

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Create a SNMP Runbook

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Create a Trace Route Runbook

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Deployment Settings
The Deployment Settings screen in Motadata AlOps provides a comprehensive overview of the
various artefacts configured in your deployment.

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MAC Address List

Overview

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Backup Profile

Refer Backup and Restore Management for more details on Backup Profile.

Storage Profile

Refer Backup and Restore Management for more details on Storage Profile.

Page Title: tags

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Introduction to Tags

Tags serve as powerful metadata that can be assigned to monitors within your monitoring environment. A tag in Motadata AlOps could be a standalone label or a key-value pair that provides additional context and categorization to your infrastructure elements. With Motadata AlOps tags, you can organize, filter, and analyze your resources more efficiently.

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Assigning Tags to Monitor

Assigning tags can be done during the device discovery process or by navigating to monitor settings for the devices already discovered. Additionally, when a specific instance of a monitor requires individual tagging, the platform allows users to drill down and assign tags directly at the instance level.

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Using Tags in Motadata AlOps

Tags in Motadata AlOps offer a versatile approach to grouping, filtering, and analyzing your monitoring data. They are effortlessly integrated into various sections of the platform, providing users with powerful capabilities across multiple features.

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Best Practice of Using Tags

Tags are invaluable tools in organizing, filtering, and analyzing resources within your monitoring environment. Implementing effective tag management practices can greatly enhance your

monitoring and management capabilities. Follow these best practices to ensure effective tag creation and management in your organization:

Page Title: topology
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How Topology Maps help you
Topology maps are an essential tool for managing complex networks. They enable you to:
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Network Topology
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Cloud, Virtualization, SDN, and HCI Topology
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Using the Topology Map
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Topology Plugin

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Page Title: upgrade

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Motadata AIOps Upgrade 8.0.13

Latest Motadata AIOps Installation Links

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Motadata AlOps Upgrade 8.0.12

Latest Motadata AIOps Installation Links

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Upgrade Guide for Ubuntu 20 to Ubuntu 24

Prerequisites

