

Workload XM 2.2.0

Workload XM Release Notes

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Release Overview

New feature highlights and known issues for Workload XM.

This section provides information on the major new features and updates for this release and describes fixed and known issues.

What's New in Workload XM

The major new features and updates for Workload XM release 2.2.0.

This release provides the following additional features and functionality improvements:

Analyze your cluster, job, and query costs with the Workload XM Chargeback feature

Easily define customized cost centers with the Chargeback feature. Once defined Workload XM visually displays a cluster's current and historical costs. This new feature enables you to create Workload XM cost centers for your workload clusters based on user or pool resource criteria and CPU and memory consumption. Once created you can then plan and forecast budgets and future workload environments and/or justify current user groups and resources using your Workload cluster's cost insights.

Trigger action events across your jobs and queries with the Workload XM Auto Actions - Notifications feature

This new feature triggers an action event in real-time based on your criteria. When a job or query meets your action's criteria and its conditions exist the action's event is triggered. For example, memory exhaustion can cause nodes to crash or jobs to fail. Knowing when available memory is falling below a specific threshold enables you to take steps before a potential problem occurs. With the Auto Actions feature, you can create an action that informs you through an email when a job is consuming too much memory so that you can take steps to alleviate a potential problem.

Remove obsolete HDFS files with the Workload XM Purge Event

Reduce bottlenecks between Telemetry Publisher and Workload XM, by configuring and scheduling the new Workload XM purge event. This feature enables you to remove obsolete HDFS data that could cause a backlog or block Telemetry Publisher from ingesting and sending newer data to Workload XM. The purge event is based on the file's data group and the data group's retention limit.

Display and monitor your cluster and its services memory consumption with the new resource consumption widgets in the Summary page

- Resource Consumption By Services, displays the CPU and memory consumption for each service across the time range you selected. Hover your mouse over the time line, to display the amount of CPU or memory, as a percentage, that is consumed by each of the cluster's services.
- Resource Consumption By Nodes, displays the CPU and memory consumption for each node in the cluster. Hover your mouse over the time line, to display the amount of CPU or memory, as a percentage, that is consumed by each node and its services.

Related Information

[Analyzing Your Workload Cluster Costs with Workload XM Cost Centers](#)

[Triggering an Action across Jobs and Queries](#)

[Purging HDFS Data](#)

Known Issues

Current known issues and limitations in Workload XM.

At this time, there are no known issues.