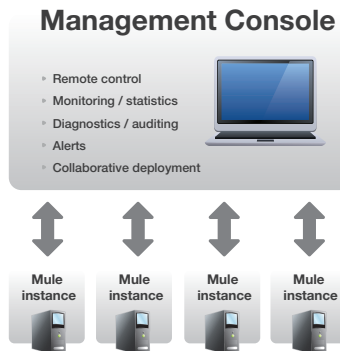


Mule ESB Enterprise – Management Console

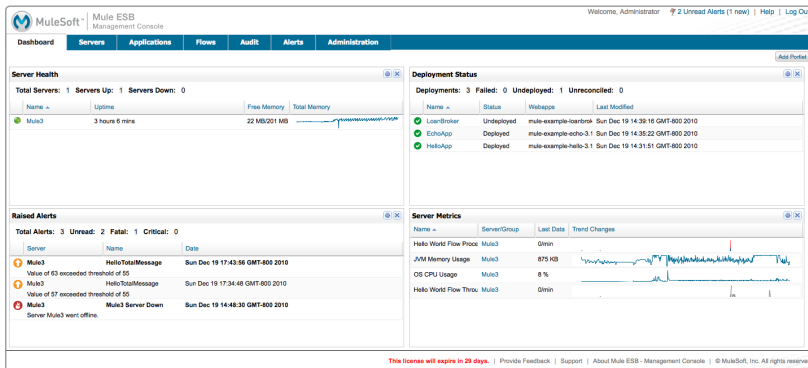
Monitoring and Management for Mule ESB

Overview

As an IT organization deploys Mule ESB into production, it becomes critical to have visibility into ESB performance metrics and to manage the ESB infrastructure and related services. The Mule ESB Management Console is the first and only enterprise-class console for managing an open source ESB infrastructure, with unique capabilities that enable developers and operations to collaboratively manage Mule ESB.



The Mule ESB Management Console was built “from the ground up” to be tightly integrated with Mule ESB and optimized for ESB use cases. In addition to monitoring and management of multiple ESB server instances from a web-based interface, the management console also enables fine-grained management of ESB resources such as services and end-points. Inspired by the DevOps movement, the Mule ESB Management Console revolutionizes the relationship between developers and IT operations, allowing them to use a single tool to identify, resolve and address performance issues collaboratively at runtime.



Benefits

- ▶ Lower operational costs with groups-based management and control
- ▶ Fix performance issues in individual services or end-points without bringing Mule down
- ▶ Avoid unplanned downtime before it happens with intelligent alerts
- ▶ Visually pinpoint the root-cause of performance issues without complex developer tools
- ▶ Save valuable developer time and get applications up and running more quickly with service flow debugging capabilities
- ▶ Minimal impact on the runtime performance of your ESB infrastructure
- ▶ Achieve DevOps-style collaboration between development and operations with collaborative deployment and role-based access control

Console Features

Performance diagnostics and tuning	<ul style="list-style-type: none"> ▶ View performance data (e.g., threads, memory and CPU utilization) at the box, server and service level ▶ Detect performance bottlenecks down to pools and individual threads ▶ Change resource allocation (e.g., thread pool size) at runtime to optimize service performance
Fine grained ESB control	<ul style="list-style-type: none"> ▶ Start, stop, and restart ESB resources individually at the server, service, and end-point levels ▶ Remotely access, update or replace any file or configuration on a Mule ESB server ▶ View logs, server and cluster configuration information
Flow debugging	<ul style="list-style-type: none"> ▶ Audit message payloads and associated headers and properties on each step of the flow, including both the inbound and outbound sides of services ▶ Quickly pinpoint and resolve Mule ESB configuration issues ▶ Turn service level auditing on and off to capture just enough data to diagnose an issue without
Monitoring and intelligent alerting	<ul style="list-style-type: none"> ▶ Define alerts on resource utilization of services, service-level events, message payloads , or any JMX metric, and track them against user-defined thresholds ▶ Create customized monitoring dashboards with a role-relevant view of your infrastructure ▶ Escalate alerts via (Email or SNMP) or trigger corrective actions using custom alert scripts
Collaborative deployment	<ul style="list-style-type: none"> ▶ Store Mule applications in a central repository, including version and history information ▶ Remotely provision applications to a group of Mule servers with a few clicks ▶ Use a single tool for deployment to enable DevOps-style collaboration between development and operations ▶ Reduce risks by promoting smaller and more frequent changes
Role-based access controls	<ul style="list-style-type: none"> ▶ Segment users into groups based on role ▶ Define role-based access capabilities ▶ Maintain consistent view of infrastructure across development and operations, while reducing the risk of unauthorized actions

About MuleSoft

MuleSoft is the Web Middleware Company, providing enterprise-class software built on the world's most popular open source application infrastructure products, Mule ESB and Apache Tomcat. With Mule ESB and Tcat Server, MuleSoft brings an ideal combination of simplicity and power to today's web applications. Its products boast more than 1.5 million downloads and over 2,500 production deployments by leading organizations such as Walmart.com, Nestlé, Nokia, Honeywell and DHL, as well as 85 in the Global 500 and 5 of the world's top 10 banks.

For more information:
www.mulesoft.com

or email
info@mulesoft.com