Informatica Proactive Monitoring for PowerCenter Operations

Identify Data Integration Risks Before They Harm Your Organization

Informatica® Proactive Monitoring for PowerCenter® Operations provides an automated early warning system to protect data integration projects from potential problems. It augments and accelerates your Informatica PowerCenter deployment with proactive alerting capabilities. This software identifies and alerts your IT organization immediately about data integration processes that have failed or are in danger of failing.

The software includes a set of prebuilt alerting rules and templates to enable your IT organization to quickly create and modify rules to monitor PowerCenter workflow and sessions, as well as to correlate performance with different environmental variables.

Proactive Monitoring for PowerCenter Operations watches workflows and sessions actively and with historical insight. It monitors and correlates workflows with such environmental variables as CPU, memory, and table space. Alerts are delivered to the appropriate people as soon as issues arise, mitigating the risk to dependent applications, reports, and systems.

**Benefits**
- Reduce risk of data integration process failures
- Enhance IT’s productivity, agility, and responsiveness
- Streamline data integration processes and deliver on service-level agreements

**PRECONFIGURED POWERCENTER OPERATIONS MONITORING RULES AND TEMPLATES**

<table>
<thead>
<tr>
<th>Rule Description</th>
<th>Impact Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workflow/session was successful but zero (0) records loaded</td>
<td>Rejected records in session</td>
</tr>
<tr>
<td>Session/workflow failures</td>
<td>Correlate session changes to workflow failures</td>
</tr>
<tr>
<td>SLA violations: workflow/folder/repository level</td>
<td>Significant increase in workflow/session elapsed times</td>
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<tr>
<td>Significant decrease in applied row count</td>
<td>Too many concurrent workflows</td>
</tr>
<tr>
<td>Identify and restart zombie session</td>
<td>Workflows missing schedules</td>
</tr>
<tr>
<td>Ping domain/integration service/repository service</td>
<td>OS and RDBMS environment of PowerCenter server</td>
</tr>
<tr>
<td>Process running on integration service node with more than X% CPU usage</td>
<td>CPU usage of node running integration service is more than X%</td>
</tr>
<tr>
<td>Repository service database table space usage is more than X%</td>
<td>License allows limitless PowerCenter rules</td>
</tr>
</tbody>
</table>

Proactive Monitoring for PowerCenter Operations provides a set of preconfigured monitoring rules and templates that make it easy for your IT team to track data integration processes.
Key Features

Preconfigured PowerCenter Operations Monitoring Rules and Templates
The software includes more than 20 preconfigured, prepackaged rules monitor PowerCenter operations. These rules can be easily customized. Templates make it easy to fine-tune these rules or create new ones with minimal technical expertise.

Real-Time PowerCenter Operation Alerts
Real-time PowerCenter operation alerts can be intelligently distributed through multiple channels, including by email or a prebuilt Web application, a database, or a customized endpoint. Alerts may contain embedded links to other systems so that immediate action can be taken to resolve problems.

Real-Time Alert Dashboard
An easy-to-use, Web-based, real-time alert dashboard organizes and prioritizes alerts. This dashboard requires no customization. From this dashboard, your IT team can respond to the alert immediately by remedying the issue directly, forwarding the case for resolution, or creating a trouble ticket.

Self-Service Proactive Monitoring Rule and Alert Management
This feature empowers your IT team to choose which processes they want to monitor. Developers, administrators, and architects can review and edit monitoring rules and readily turn complex rules into configurable rule templates. Rule creation and alerting can be distributed, shared, and managed according to access levels.

Key Benefits

Reduce Risk of Data Integration Process Failures
Proactive Monitoring for PowerCenter Operations minimizes the impact of poorly performing data integration processes on downstream systems and your whole business. It empowers your IT organization to get out in front of issues before they become problems. You don’t have to wait until jobs fail or downstream impacts are identified—alerts can be sent proactively to your email, a Web dashboard, or a mobile phone. Alerts can even kick off business processes or update systems.

Enhance IT’s Productivity, Agility, and Responsiveness
Proactive Monitoring for PowerCenter Operations empowers your IT organization to respond quickly and nimbly to potential problems. This software lightens the load of your whole team. Developers, administrators, and architects monitor what’s important to them by setting up and modifying alerts—simple or complex—they themselves without additional help. It’s easy to change who is alerted on different activities and how people are alerted. Alerting rule templates can be modified using drop-down lists.

Streamline Data Integration Processes and Deliver on SLAs
Your IT organization can monitor and correlate workflows, sessions, and environment variables to find patterns, trends, and deviations from the norm that aren’t easily detected by current systems. With this unique insight, you can make timely adjustments to avoid problems and deliver on service-level agreements (SLAs).