ACTIAN™

Actian Enterprise Monitoring Appliance
Monitor, Alert, Fix

Key Benefits

Proactive Monitoring and Alerting

Reduce Incidents

Improve Stability and Availability

Improve Performance

Custom Setup

Full System Visibility

Graphical Interface

Proactive Database Monitoring and Alerting

The Actian Enterprise Monitoring Appliance (EMA) is a single interface for monitoring your Actian X and Ingres environments. The EMA can be configured to monitor and display a significant number of database, operating system, network and HVR data points. An EMA can proactively monitor multiple servers, installations and databases around the clock, providing early warnings and alerts so you can quickly resolve problems or prevent them from occurring.

Performance and Trend Analysis

The EMA includes a performance module to quickly identify problems which can help maximise system efficiency by fine tuning the Actian X and Ingres configurations and database layouts. A data repository within the EMA facilitates fault investigation, capacity planning, retrospective analysis and SLA reporting.

Service Checks

The EMA includes a comprehensive set of Service Checks:

Availability:

- Server*
- Installation*
- Database* (*suitable for uptime and SLA reporting)

Performance:

- Long running query (LRQ) detection
- DMF cache analysis
- Locking analysis
- Logging analysis
- Dbmsinfo analysis (CPU, DIO, BIO)

Backup:

- Checkpoint check (validity, existence and freshness)

Network:

- Latency check

Actian X and Ingres:

- Ingres processes check
- Transaction log file check
- User session count
- User connect count (GCC/GCD)
- Locking check - time based
- Locking check - percent based
- Error log file check
- License check

Operating System:

- CPU check
- RAM and swap memory check
- Disk usage check
- Disk I/O performance

HVR:

- HVR error log file check
- Scheduler and Job check

Status Reports:

- Checkpoint, journal, disk usage, error log file

Quick Install

EMA is supplied as a Docker image and an installer packaged as a tar file. The minimum footprint is 1 (Docker) processor, 1 GB (Docker) ram, and 16GB storage for configuration and history.
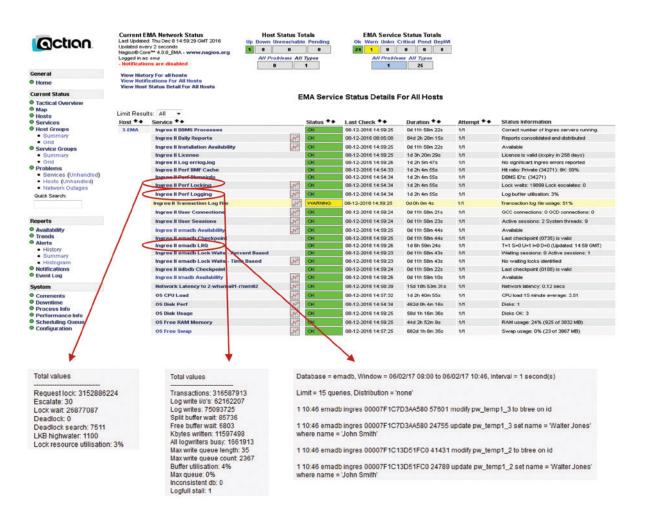
Custom Setup

The EMA is highly configurable. Alerts are sent when defined thresholds are breached. Bespoke plugins can be added to monitor specific activity e.g. batch job completion, daemon processes.

Service Level Agreements and Escalations

The EMA can accommodate Service Level Agreements (SLAs) and can be integrated with IT Service Management software. It records and can report system availability and uptime statistics.

Graphical Interface

A single graphical interface can view your entire estate. The example below shows the Services screen, showing just 1 server (3-EMA), 1 installation (II) with 1 main database (emadb) with a few Service drill downs:

For more information and to discuss your needs, please contact Actian Services at services@actian.com