ACTIAN
a division of HCLSoftware

DATASHEET

Actian Enterprise Monitoring Appliance

Monitor, Alert, Fix

Proactive Database Monitoring and Alerting

The Actian Enterprise Monitoring Appliance (EMA) is a single interface for monitoring your Actian Ingres or Actian Vector environments. The EMA can be configured to monitor and display 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 Ingres configuration and database layout. A data repository within the EMA facilitates fault investigation, capacity planning, retrospective analysis and SLA reporting.

Key Benefits

- Proactive Monitoring and Alerting
- Reduce Incidents
- Improve Stability and Availability
- Improve Performance
- Custom Setup
- Full System Visibility
- Graphical Interface

Service Checks

The EMA includes a comprehensive set of Service Checks:

Actian Ingres:

- Transaction log file check
- User session count
- User connect count (GCC/GCD)
- Locking check - time based
- Locking check - percent based
- Query execution memory

Actian Vector:%

- PDT memory
- Write-Ahead log
- Active sessions
- Committed transaction memory
- Index memory
- Open transactions
- X100 process

Availability:*

- Server
- Installation
- Database

Network:

- Latency check

Performance:

- Long running query (LRQ) detection
- DMF cache analysis
- Locking analysis
- Logging analysis
- DBMSINFO analysis (CPU, DIO, BIO)
- Database health review
- Ingres processes check

Status Reports:

- Checkpoint, journal, disk usage
- Error log (errlog.log) file checks
- 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

Backup:

- Checkpoint check (validity, existence and freshness)
- Cloud backup check

% Actian Vector checks also apply to Actian Ingres 11 & 12 installations on x86_64 Microsoft Windows and Linux hosts.
* Suitable for uptime and SLA reporting

Quick Install

The EMA is supplied as a Docker image and an installer packaged as a tar file. Simply deploy a Docker on a suitable Microsoft Windows or Linux host, download the EMA package from the Actian Download site and run the installer. A few simple questions later the EMA will be monitoring your Actian Ingres or Actian Vector environment.

Web Interface

A single web based graphical interface can view your entire estate allow for system health to be viewed at a glance. Detailed drill down allows for problems to be examined and resolved quickly while trend graphs enable proactive identification and rectification of issues before they become a problem.

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.

EMA+

Need more from your EMA? Don't have the staff or knowledge to respond to alerts from the EMA? Actian Professional Services offer the EMA+ as a service to meet your needs.

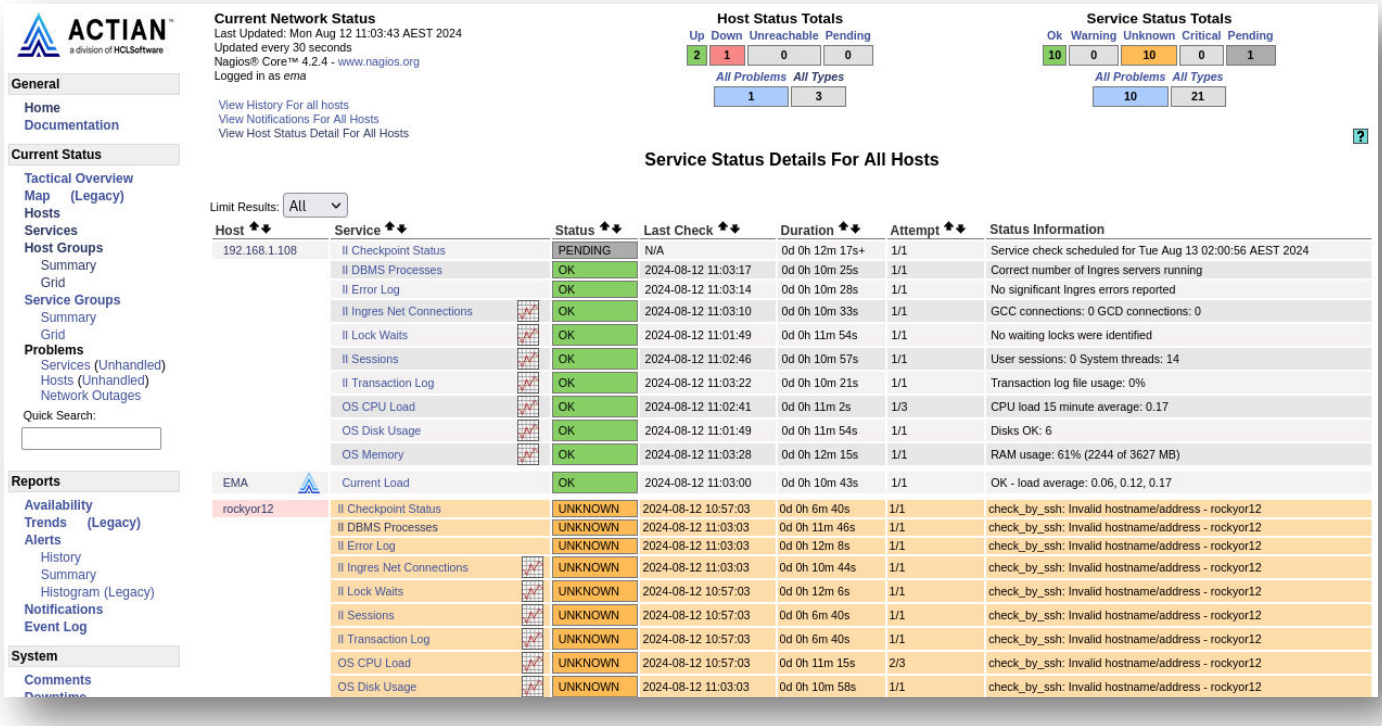
We work with your team to develop a comprehensive monitoring service for your Actian Ingres or Actian Vector deployment which extends the base EMA to include:

- Site specific checks and alerts.
- Vendor based monitoring and response to issues.
- Analysis of issues and guidance to your staff when they need it most.

About Actian

Actian makes data easy. We deliver cloud, hybrid cloud, and on-premises data solutions that simplify how people connect, manage, and analyze data. We transform business by enabling customers to make confident, data-driven decisions that accelerate their organization's growth. Our data platform integrates seamlessly, performs reliably, and delivers at industry-leading speeds. Learn more about Actian, a division of HCLSoftware: **www.actian.com**

For more information, please contact **services@actian.com**



Tel +1 512 231 6000 Fax +1.512.231.6010 710 Hesters Crossing Road, Suite 250, Round Rock, TX 78681 **Actian.com**

ACTIAN
a division of HCLSoftware