

## **What's New in Xian Network Manager Io R2**

Beside some overall enhancements in performance, stability and user-interface, Xian Network Manager Io R2 (Xian NM Io R2) has some new features which greatly reduce the time necessary to start monitoring your network. The most important features and enhancements are:

### **Topology discovery**

Together with Savision Live Maps ([www.savision.com](http://www.savision.com)) it is now possible to automatically create topologies of your network environment. Xian Network Manager Io R2 provides the network topology information obtained from the network devices that it monitors. Live Maps uses this data to draw the relations between the network devices and windows servers that will be displayed on the OpsMgr console.

### **Custom rules**

Although our solution supports many rules out of the box for a wide range of devices, it is still possible that the counter or device you want to monitor is not available. This is no longer a concern in Xian NM Io R2, as with this version you can create your own rules for any device that supports SNMP. Of course you need to have some knowledge about MIBs and OIDs, but creating a rule only takes a few minutes and is available immediately. As a result, Xian NM Io R2 is able to monitor any network device is in your environment!

### **Automatic Thresholds**

Xian NM Io R2 analyzes counters obtained from the monitored devices and automatically calculates the most appropriate thresholds for the rules monitoring them so no false alarms due to incorrect thresholds are generated.

### **Data Optimization**

If the information retrieved from a monitored device node has a well defined trend, Xian NM Io R2 will not send all its corresponding counters to OpsMgr but just a reference counter once in a while to avoid saturating OpsMgr with unnecessary data. Only data that interrupts with the trend will be sent to OpsMgr.

### **SNMP v3**

Xian NM Io R2 now supports SNMP v3, so now you can monitor your devices in a more secure way.

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## **Improved Communication between Xian NM Io R2 and Management Servers**

The Xian Data Server no longer uses the SDK to send counters and events to the Root Management Server; it can now communicate with secondary Management Servers using the Xian Connector Module. This feature increases the monitoring capacity of Xian while at the same time improving stability.

## **Improved Management Packs**

Xian's 'Smart Management Packs' have been redesigned to take up less memory and cause less congestion allowing those resources to be used to enhance Xian's monitoring capacity.

## **Multiple Xian Environments**

To increase the number of devices you can monitor with Xian you can add an independent Xian installation to your OpsMgr Management Group. The amount of additional devices you can monitor with a second installation of Xian depends on hardware configuration, number of active rules and rule execution intervals among others. You can do this as many times as necessary.

## **Automatic Health Reset**

When a rule sends an alert to Operations Manager, it remains open until a success event is sent to close the alert. What Automatic Health Reset does, is once the rule is removed and is no longer monitoring that node, it sends a success event so that remaining alerts in Operations Manager disappear.

## **Enhanced Monitoring Capabilities**

The number of devices a single installation of Xian NM Io R2 can monitor has been increased to more than a 1000.

## **Device element filter**

The "Device Element Filter" was added to the Xian connector. This filter allows you to select a type of device and choose which elements will appear in Operations Manager. The counters of the elements which you have not added will be discarded by OpsMgr. This feature should only be used on large environments.

## ***Have any questions?***

For any questions about the features/enhancements above, do not hesitate to contact us at [sales@jalasoft.com](mailto:sales@jalasoft.com).