

AlarmManager-PRO on ManageEngine OpManager

1. About this howTo

This document describes in short steps, how to setup ManageEngine OpManager for monitoring Kentix AlarmManager-PRO with connected MultiSensors and sending E-Mail notifications.

2. Initial Setup

1. Download and install ManageEngine OpManager
2. Download the Kentix MIB file archive from the Kentix Website.
3. Take the file **kampro.mib** of this archive and copy it into the **mibs** folder of the OpManager's install directory.
4. Start and login to the OpManager (if not already running).

3. Adding the AlarmManager to OpManager's devices

1. Create a new devices template by selecting **Admin | Device Templates | New template**.
2. Enter a name for the template, select Vendor name and Category and the monitoring interval.
Search the System OID by clicking **Query Device**.

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Discover Devices Add Device Rule Engine **Device Templates** Notification Profiles Quick Configuration Wizard

New Device Template

Device Template : Kentix AlarmManager

Vendor Name : Kentix GmbH New

Category : Kentix

Monitoring Interval : 1 mins

Device Image : firewall.png Select

System OID Delete

.1.3.6.1.4.1.332.11.6	
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Add Query Device

Monitors

Add Monitors Edit Thresholds

Create Cancel

3. Click on **Add Monitors** to preconfigure monitoring for connected MultiSensors.
4. Select **Add Bulk** to add one or more Sensors to be monitored.

Add Monitors Add Bulk New Monitor

Monitors	Protocol	Description	Delete
<input type="checkbox"/> Sensor 1 Temperature	SNMP	Custom Monitor	

OK Cancel

5. Add a new Sensor with its OID (for temperature, humidity and dew point the OID has to be divided by 10, e.g. .1.3.6.1.4.1.37954.1.2.1.2.0/10), query interval and Threshold Settings.
Finish with **OK** and then click on **Create**.

Add Bulk Monitors

Monitor Name	SNMP OID	Numeric	Tabular	Interval (mins)	Units	Threshold Settings				Con.Time
Sensor 1 Temp.	..37954.1.2.1.2.0/10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	°C	Attention > <input type="text" value="20"/>	Trouble > <input type="text" value="25"/>	Critical > <input type="text" value="30"/>	Rearm < <input type="text" value="19"/>	1
<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	> <input type="text"/>	> <input type="text"/>	> <input type="text"/>	< <input type="text"/>	1
<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	> <input type="text"/>	> <input type="text"/>	> <input type="text"/>	< <input type="text"/>	1
<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	> <input type="text"/>	> <input type="text"/>	> <input type="text"/>	< <input type="text"/>	1
<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	> <input type="text"/>	> <input type="text"/>	> <input type="text"/>	< <input type="text"/>	1
<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	> <input type="text"/>	> <input type="text"/>	> <input type="text"/>	< <input type="text"/>	1
<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	> <input type="text"/>	> <input type="text"/>	> <input type="text"/>	< <input type="text"/>	1
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<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	> <input type="text"/>	> <input type="text"/>	> <input type="text"/>	< <input type="text"/>	1
<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	> <input type="text"/>	> <input type="text"/>	> <input type="text"/>	< <input type="text"/>	1
<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	> <input type="text"/>	> <input type="text"/>	> <input type="text"/>	< <input type="text"/>	1

OK

Cancel

6. Add a new device by selecting **Admin | Add Device**. Enter the AlarmManagers IP-Address and finish with „Add Device“.

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Unsolicited Traps

Syslog Alarms

Web Alarms

Alarm Escalation

Notification Profiles

Add Device

Device name / IP Address :

10.15.0.253

Netmask :

255.255.255.0

Credentials to use :

Add Credential

Select All

SNMP v1/v2

Kentix

Public

Add Device

Cancel

7. Open **Home | Overview** to see the added AlarmManager. An existing temperature alarm would now be shown in one of the overviews views.

Name	Alarms	Devices
Server	-	-
Router	-	-
Switch	-	-
Desktop	-	-
Firewall	-	-
DomainController	-	-
UPS	-	-
Printer	-	-
Virtual Device	-	-
Unknown	-	-
Kentix	1	1/1
URLs	-	-
WAN RTT Monitors	-	-
VoIP Monitors	-	-

Source	Alarm Message
Digi International	Sensor 1 Temp. is 25 %, threshold value for this monitor is 20 %

Event Type	Count
Threshold Violated	2

4. Activating alarm notification for MultiSensor value alarms

1. Select **Admin | Mail Server Settings**
2. Enter the data of your E-Mail provider or E-Mail server.

Server Name : mail.kentix.de

Port : 25

From Email ID (optional) : Alarm@Kentix.de

To Email ID : OpManager@Kentix.de

Time Out (seconds) : 10

Authentication Details (optional)

User Name : username

Password :

Secure Connection Details (optional)

☐ **SSL Enabled**

SSL Certificate : [Field] [Durchsuchen...]

SSL Certificate KeyPassword : [Field]

[Test Mail]

☐ Add a secondary mail server (optional)

[OK] [Cancel]

3. Select **Admin | Notification Profiles** and click **Add New** in **Email Profiles**.
4. As subject select **Message of the Alarm** and press Save. Test your settings with the **Test Actions** Button.

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Discover Devices Add Device Rule Engine Device Templates Notification Profiles Quick Configuration Wizard

Configure Profile Details

Profile Name: EMail_Notification

Mail Composition

To Email Address: OpManager@kentix.de

From Email Address: Alarm@Kentix.de

Mail Format: ☐ Plain Text ☐ HTML ☒ Both

Mail Subject

Subject: \$stringseverity - \$displayName \$message

Mail Message

Message: Message: \$message
Device: \$displayName
Category: \$category
Error Condition: \$stringseverity
Generated at: \$strModTime

Message of the alarm

...Select Message Variables...

Test Actions Save Cancel

5. Select **Home** and click on your infrastructure category. Move to **List view** and click on the name of the AlarmManager (shown as „Digi International“).
6. Open the **Notification Profile** and **Click here** to add a new Profile.

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Overview Top 10 Dashboards CCTV Views Community Getting Started Tech Docs & Videos

Selected profile(s) successfully removed

Snapshot - Digi International

Custom Links Actions Device Info Reports

Device Details Device Notes

Digi International

IP Address: 10.15.0.253
Vendor: Kentix GmbH
Category: Kentix
Type: Kentix AlarmManager
Dependency: None
Poll Using: ICMP
Monitoring: S_Min
Sys Desc: Digi Connect Device, Version Unk...
Passwords: Click here to change

Tools Add To Google Map

Recent Alarms

Currently there are no open Alarms.

Availability | 30x | 7x

Response Time | 30x | 7x

Today's Packet Loss | 30x | 7x

CPU Utilization | 30x | 7x

Memory Utilization | 30x | 7x

Disk Utilization | 30x | 7x

Monitors **Notification Profile** Interfaces IT Automation

Notification Profiles

[No Notification Profiles associated. [Click here](#) to add Notification Profiles.]

7. Select the created profile and click **Next**.

8. Activate the setting **when any Threshold rule is violated** and press **[selected...]**. Activate the threshold rule in the popup. Close the popup and press **Next**.

9. Define a time period or keep the preset setting **Apply this profile all the time**. Finish setup by pressing **Save**.

10. The notification is now configured. Make a test by setting one of the threshold values below the measured temperature.