

Kaseya 2

Syslog Monitor

Quick Start Guide

for Network Monitor 4.1

June 5, 2012

About Kaseya

Kaseya is a global provider of IT automation software for IT Solution Providers and Public and Private Sector IT organizations. Kaseya's IT Automation Framework allows IT Professionals to proactively monitor, manage and maintain distributed IT infrastructure remotely, easily and efficiently with one integrated Web based platform. Kaseya's technology is licensed on over three million machines worldwide.

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Getting Started

Network Monitor is a web-based monitoring solution for monitoring the performance and availability of a wide array of network devices. **Network Monitor** monitoring is *agentless*, meaning it does not install any software or files on monitored machines.

Syslog Monitor

This quick start guide demonstrates how to configure *syslog monitoring* using **Network Monitor**. Except for the limited number of objects you can configure using the free version of **Network Monitor**, you have access to most of the advanced monitoring features **Network Monitor** has to offer.

The syslog monitor constantly reviews the syslog messages sent to **Network Monitor** by a syslog host. Based on the type of syslog message and the message text, the system monitor can trigger an alarm and send an email notification. More than one syslog monitor can be added to each object to receive different combinations of messages. Before you create a monitor of this type, you need to start the internal syslog server. If another syslog service is executing on the system hosting **Network Monitor** the result is unpredictable.

Note: A host device or machine must be configured to direct syslog messages remotely to the system hosting your instance of Network Monitor. Network Monitor detects UDP syslog messages that are either broadcast to the entire subnet or directed specifically to the Network Monitor syslog server using port 514. Configuration of each machine and device is unique and outside the scope of this documentation.

How This Quick Start Guide is Organized

- 1. Network Monitor Concepts
- 2. Installation and Setup (page 4)
- 3. **Configuring Syslog Monitor** (*page 10*) Provides a step-by-step, "first time" demonstration of how to configure Syslog Monitor.

Network Monitor Concepts

Familiarize yourself with the following terms and concepts to help quick start your understanding of **Network Monitor**.

- Object An object represents a computer or any other device that can be addressed by an IP number or host name. An object contains settings that are common to all monitors in that object.
- Network Within Network Monitor the term network refers to user-defined grouping of objects. Member objects of a Network Monitor network do not have to belong to the same physical network. Network Monitor networks can be compared to a folder in a file system. Every object must be a member of a Network Monitor network. You can activate and deactivate an entire network of objects.
- Monitor A monitor tests a specific function in an object. Most monitors are capable of collecting various statistical data for reporting purposes. If a monitor fails a test it firsts enter a failed state. After a number of consecutive failed tests it then enters an alarm state. When entering an alarm state a monitor executes a number of actions specified in the alarm action list used by the particular monitor.
- Action list An action list defines a number of actions to be executed as a monitor enters, or recovers from, an alarm state.

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- Operator Network Monitor users are called operators. An operator contains login information, contact information and privileges. An operator can be a member of one or more operator groups.
- Operator group An operator group is a collection of operators. Each object in Network Monitor is
 assigned to one operator group. Notifications sent as a response to a monitor entering an alarm
 state are normally sent to the object's operator group.
- Account An account is a set of credentials used by a monitor, action or event to carry out an operation.

Status Icons

A monitor is always in one specific state. This state is visualized in the **Network Monitor** interface with different colors. An object or network always displays the *most important state reported by any single monitor* that belongs to it. Icons are listed below, ranked by their importance.

The monitor is deactivated.

This icon is used for objects and networks only. All monitors in the object or network are deactivated, but the object or network itself is active.

- The monitor has entered an alarm state.
- The monitor has failed one or more tests, but has not yet entered alarm state.
- The monitor is ok.

Additional guidelines:

- Any state other than deactivated is an activated state.
- An activated monitor tests its object.
- Deactivating any or all monitors of an object does not deactivate the object.
- Deactivating any or all objects of a network does not deactivate their parent network.
- Deactivating an object deactivates *all* of its member monitors.
- Deactivating a network deactivates all of its member objects.

Other Commonly Used Icons

 ${\mathscr P}$ - This icon displays the properties of an item and allows you to edit them.

e - This icon indicates that the object or monitor is inherited from a template. Monitors inherited from a template can not be edited directly.

This icon indicates that the object or monitor is in maintenance state and is not currently monitored.

💐 - This icon displays a list of items.

I his icon displays a view of an item.

Monitor status progression

During normal operation, a monitor in **Network Monitor** is in the Ok state, displayed in the management interface with a green status \blacksquare icon. Here is an example from the monitor list view.

IVI	OFIITOF IIST → Acknov	ledge	ala m → Activate	Copy → Deactivate → I	Delete	
0	Name		Туре	Alarms	Time in current state	Nexttest
	Ping	Ø 📒	Ping	0	2h 21m 12s	0m 6s (453)

A monitor during normal operation is displayed with a green status icon.

Whenever a monitor fails its test, it changes to the *Failed* state, displayed in the management interface with an orange status icon.

M	onitor list → Acknow	vledge	alarm → Activate	→ Copy → Deactivate →	Delete → Edit → New monitor → Unlink → View report	
0	Name		Туре	Alarms	Time in current state	Nexttest
	Ping	Q 📒	Ping	0	0h 16m 14s	0m 38s (116)

A monitor in failed state is displayed with an orange status icon.

When a monitor keeps failing tests, it eventually changes into the *Alarm* state, displayed with a red status **e** icon. The number of failed tests required for an Alarm state depends on the **Alarm generation** parameter for each monitor. Increasing the **Alarm generation** parameter makes the monitor less sensitive to temporary outages, and decreasing the parameter makes it more sensitive.

Monitor list	> Acknowledge alarm → Activate	Copy → Deactivate → I	Delete → Edit → New monitor → Unlink → View report	
🕗 Name	Туре	Alarms	Time in current state	Nexttest
Ping	🖉 📒 Ping	1	2h 23m 16s	0m 6s (453)

A monitor in alarm state is displayed with a red status icon.

When a monitor first enters an alarm state, the **Alarms** column displays a 1. This is the *alarm* count. This means that the monitor has now generated one alarm. When the monitor is tested the next time and still fails its test, the number of alarms will be two, and so on. The alarm count is very important, because it controls what actions are taken in response to alarms.

Responding to alarms

An action list is a collection of actions executed in response to an *alarm count*. Every monitor in **Network Monitor** has an action list, either defined directly by a *monitor*'s properties, or indirectly by a *object*'s properties. For each alarm count in an alarm list, **Network Monitor** executes all actions specified for that alarm count. It is possible—and common— to define several actions for the same alarm count.

Action list info + Delete + Prop	erties					
Name	Description	Default				
Default list	The default actionlist	Yes				
Actions + Add action + Delete						
Alarm number Descriptio	n					
1 🖉 Send email to operator group						
5 🖉 Send SMS to operator group (short message)						

Actions example

In the example above, there are two actions shown. The first action, for the *first* alarm, is a **Send email** action. The next action, configured for the *fifth* alarm, is a **Send SMS** action.

For details on how to edit and configure action lists and actions, see the Action lists topic.

Recovering from alarms

A monitor may recover from an Alarm state by itself. If so, **Network Monitor** is able to react to this event. For example, if a monitor is currently in an Alarm state and performs a test that succeeds, the monitor status automatically *changes back to an Ok state*. When a monitor recovers, **Network Monitor** can execute a **recover action list**, if one is specified. A recover action list can be specified by a *monitor* or indirectly by the *object* of a monitor.

When the monitor recovers, *all* actions defined in the recover action list are executed, regardless of the alarm number. Creating separate action lists to serve as recover action lists is recommended.

Installation and Setup

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Installation Checklist

We recommend that you complete the following pre-installation checklist before installing **Network Monitor**.

- 1. Estimate the memory required by **Network Monitor** to monitor the number of objects on your network, using the recommendations in **Server Sizing** (*page 5*). Ensure the system hosting the **Network Monitor** server has enough free memory to run **Network Monitor**.
- 2. Check that the system hosting the Network Monitor server meets all software and hardware requirements (page 5).
- 3. Ensure the Windows account used by the **Network Monitor** service has **sufficient privileges** (page 5).
- If SNMP is used, install and start the Windows SNMP service on the Network Monitor host machine. The SNMP service on the host machine must specify the same communities used by Network Monitor.
- If ODBC logging is going to be enabled using Settings > Program settings > Log settings, create a ODBC system data source on the Network Monitor host machine.
- 6. If a GSM phone is used, install it and verify that it responds correctly to standard AT commands in a terminal program.

When completed you are ready to install **Network Monitor**. After installing **Network Monitor** and connecting to the web interface for the first time, consult the topic **Running the Startup Guide** (*page 6*).

Standard, Distributed and Gateway Installs

During a KNMsetup.exe install you are asked to select one of the following options. The Distributed and Gateway options only apply if you are monitoring multiple subnets.

- **Standard** Selected by default. If monitoring a single subnet, select this option. *Recommended for first time evaluations.*
- Distributed If monitoring multiple subnets, select this option if installing the server all gateways send data to.

Gateway - If monitoring multiple subnets, select this option if sending data to a distributed server.



Server Sizing

Minimum requirements for using the free version of Network Monitor.

- 1 GHz CPU
- 2 GB memory
- 5 GB free disk space

Network Monitor System Requirements

Systems Hosting the Network Monitor Server

- Windows 2003, 2008, or 2008 R2 with the latest service pack
- Network Monitor comes with its own database.

Supported Browsers

- Microsoft Internet Explorer 7.0 or newer
- Opera 9.0 or newer
- Firefox 3.5 or newer (Recommended for best viewing experience)

The following features must be enabled in your browser settings.

- Accept third party cookies
- Javascript enabled

Cookies are required to keep track of the user session. Java scripts are used by the web interface and must be enabled.

Selecting a Service Account

Kaseya Network Monitor is a Windows service that is installed to logon using a service account.

Using the LocalSystem account

The built-in LocalSystem account is the default service account assigned to the Kaseya Network Monitor service when installing. While the LocalSystem account is the most convenient way to get Network Monitor up and running, it has many privileges that are unnecessary to run Network Monitor locally. Note: We recommend the Kaseya Network Monitor service be assigned a service account using the *fewest number of privileges possible.* The Network Monitor account manager can then be used to impersonate Windows accounts with elevated permissions when these permissions are required for tests, actions and events.

Network Monitor Required Privileges

Network Monitor requires the service account it is assigned to have the following file system permissions:

- READ, WRITE and EXECUTE to Network Monitor base directory
- READ, WRITE, MODIFY to all sub-directories

The service account may also require the Act as part of operating system privilege to enable Windows account impersonations. Consult your Windows documentation to determine if this privilege must be added.

Logging On

After installing **Network Monitor** the next step is to logon to the web interface. Use either of the following two methods to display the web interface logon page.

- Click the link to the web interface in the **Network Monitor** program folder in the start menu.
- Use the following link if you are configuring Network Monitor from the Network Monitor host. http://localhost:8080

Note: This link above assumes you accepted the standard parameters during the installation and the Network Monitor web server is running on the default 8080 port. If you have installed Network Monitor on a different host, replace the localhost host name with the name of the Network Monitor host.

Running the Startup Guide

Logging on the first time to the web interface displays a step-by-step **Startup Guide** to help you get **Network Monitor** ready to use. The **Startup Guide** has five steps.

- Administrator settings (page 7)
- Network discovery settings
- Mail settings (page 7)
- SMS device configuration (page 8)
- Review and Save Settings (page 9)

Note: A person logging into the Network Monitor server is referred to as an *operator*. Each operator can only have one logon *session* open at one time.

Administrator settings

KNM startup	guide						
To get you sta	ted with KNM as quickly as po	issible, please take a few moments to complete this startup guide.					
Administrator	settings						
\$	An administrator user account needs to be created. With this user account you will be able to administrate all functions in KNM.						
Username	Admin	Enter your desired username or accept the default one.					
Password		Enter a password for the administrator account.					
Email		Enter an email address to be associated with this account. Alerts and reports will be sent to this address.					
Phone		Enter a telephone number for SMS notifications to be associated with this account. If you do not want to configure SMS notifications just leave the field blank.					
Additional ac	counts						
8	Setup additional adminis email addresses.	trator accounts below if needed. Login information to these accounts will be automatically sent to the specified					
Username		Enter a username for the account					
Password		Enter a password for the administrator account.					
Email		Enter an email address to be associated with this account.					
Username		Enter a username for the account					
Password		Enter a password for the administrator account.					
Email		Enter an email address to be associated with this account.					
	Next						

- 1. Enter the username and password of the default **Network Monitor** operator. Remember that the password is case sensitive.
- Configure an email address for this operator. The email address is used when Network Monitor is sending notifications or reports.
- 3. (Optional) Configure an phone number for this operator. The phone number is used when **Network Monitor** is sending SMS notifications.
- Clicking Next creates the default operator you will use to logon to Network Monitor after completing the Startup Guide.

Mail settings

KNM startup gui To get you started	de d with KNM as quickly as possible, pleas	se take a few moments to complete this startup guide.
Mail settings		
a	In order to dispatch alerts and send	reports by e-mail, KNM needs the following information.
SMTP server		Enter the address of the server you want to use for outgoing mail (SMTP). Default using port 25, to change port number add number to hostname separated with a colon. (E.g. myemailserver:465)
SSL		Check to connect to email server using SSL
Username		Optional username if e-mail server requires authentication.
Password		Optional password if e-mail server requires authentication.
SMTP server 2		KNM can use a secondary fallback SMTP server if the primary one is not available.
SSL		Check to connect to email server using SSL
Username		Optional username if e-mail server requires authentication.
Password		Optional password if e-mail server requires authentication.
Default return address	admin@kaseya.com	Most SMTP servers require that outgoing emails have a valid sender. Enter a valid email address to use for this purpose with your SMTP server.
Previous	Next	

To send email notifications and reports you need to configure the email server settings. Two email servers can be configured: a primary server and a secondary backup server used in case the primary server is unreachable.

- Primary server Enter the host name of the primary email server. If your server requires credentials
 when sending mail, enter those below. If you are uncertain leave the username and password
 fields blank.
- (Optionally) Secondary server Enter the host name of the server and optionally credentials used when Network Monitor sends an email. This server is used by Network Monitor if the primary SMTP server is unreachable.
- Default return address Enter an address that Network Monitor uses as its From address.

If you want to skip this step and configure these parameters later, click Next to continue. To display

these settings again later, select Settings > Program settings > Email & SMS settings.

SMS device configuration



If have an SMS device connected to a com port on the **Network Monitor** host you can configure **Network Monitor** to send SMS notifications.

- Configure SMS Select this box if you have an SMS device connected to the Network Monitor host.
- Comport select the serial port the SMS device is connected to.
- Baud rate Select the baud rate. This is the speed the SMS device is capable of sending and receiving over the COM port. A setting of 2400 is recommended, if you're not sure what to select.
- PIN code If your SMS device is a GSM phone or modem, you might need to unlock the SIM card with a PIN code. Enter that PIN code in the PIN code field.
- Test settings Click the button to test the configuration, if the test fails make necessary changes or uncheck the Configure SMS check box to skip this part of the wizard.

Operator phone number

If you did not enter a phone number on the first step in the startup guide you can enter it in the My settings page, without the phone number. **Network Monitor** is unable to send the operator an SMS notification. You are able to access the **My settings** page when you logon after the startup guide is completed.

Tested SMS devices

- Falcom Samba
- Falcom Swing
- Falcom Twist
- Nokia 30
- Z-text fixed line SMS modem

In addition to this list almost all modern GSM phones and modern works. The requirement is that the device should support Text mode sms and that it can be connected to a com port. It may also be connected to an USB port but the device driver must be able to emulate a standard serial port so it can be discovered by **Network Monitor**.

Review and Save Settings

KNM startup gui	de
Please review the	information below
Administrator ac	count settings.
Username Password Email Phone	admin admin admin@kaseya.com
Auditional autiti	isu ator accounts
Username	
Password Empil	
Username	
Password	
Email	
SMTP server set	ttings
SMTP server	
SSL	0
Username	
Password	
SMTP server 2	
Ucorpano	U
Password	
Default return address	admin@kaseya.com
SMS settings	
Serial port	
Baud rate	
PIN code	
Previous	Next

- 1. The final step of this startup guide is confirming the information you have filled in previous pages. If you want to change any of the information, click the **Previous** button to go back.
- 2. Clicking the **Next** button redirects you to the login page and asks for the username and password that you entered in the first page.

Configuring Syslog Monitor

The following procedures provide a step-by-step, "first time" demonstration of how to configure a *Syslog Monitor* within **Network Monitor**. Not all options for each step are described, but should be enough to get you started.

These procedures should be followed in the order presented.

Note: These procedures assume you've completed the Installation and Setup (page 4) of Network Monitor.

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Configuring Operators

A person logging into the **Network Monitor** server is referred to as an *operator*. Each operator can only have one logon *session* open at one time.

Each operator can be a member of one or more *operator groups* and must be a member of at least one. Each object in **Network Monitor** always belongs to one operator group. In this way, an operator group in **Network Monitor** can be thought of as being in charge of an object. Normally, alerts for a monitor are sent to the operator group responsible for the object.

Note: Logon accounts should not be confused with the logons created for operators who administer Network Monitor. Logon accounts are used by some monitors and actions to authenticate against remote hosts. A logon account is always tied to an operator group. A logon account is only accessible to members of the logon account's specified operator group.

In this procedure, you create a new operator for yourself.

1. Click Settings > **Operators**.

2. Click New operator.

										Kaseya [®] Network Monitor
Settings Ne	etworks	Objects	Monitors	Reports	Schedules	Tools	Help			
Operator pr	Operator properties									
Basic operat	Basic operator properties									
Name:									The operato	rs username
Password:									Password fo	or this operator
Verify passwo	rd:								Verify pass	word for this operator
Description:									Your comme	ent about this operator
Operator group:								Make the ne Membership Operator is	w operator a member of the selected operator group. is to other operator groups can be added later. a member of these group(s)	
Email: SMS number:									The operato by separati Send SMS t	rs email address. You can specify multiple email addresses 1g them with a comma. 0 this phone number
Contact name	e:								Contact nan	7e
Contact phon	e:	, 							Contact pho	ne
Contact cellph	none:	<u> </u>							Contact cell	phone
Contact addre	ess 1:	í –							Contact add	ress 1
Contact addre	ess 2:	í							Contact add	ress 2
Additional:									Other additi	onal information
Simple interfa	ace:	~							Check to his	de more advanced options for properties
Alternate line	-color:								Alternate co	lors of alternating lines in list views.
Email format:		HTML			•				Select what that to rece	format to use when sending emails to this operator. Note ive emailed reports, plain text format cannot be used.
Refresh: 60 🗸									Time in sec	onds between refresh of pages in the web interface

- 3. Enter values for the following fields.
 - > Name
 - > Password
 - > Verify password
 - > Operator group Select Administrators. You can select a different operator group later.
 - > Email Enter your email address.
- 4. Click System administrator button. This will auto-populate many of the other options on this page.
- 5. Click Save to save your settings.

Note: If you like, you can click Settings > Operator group to create a new operator group and add operators to that new operator group. All the procedures in this quick start guide assume you are a member of the default Administrators operator group.

Configuring Networks

In this procedure you ensure the default network provided by Network Monitor is activated.

1. Select Networks > List.

	Kaseya Network Monitor
Settings Networks Objects Monitors Reports Schedules Tools Help	
Network list > Activate > Deactivate > Delete > New network > View report	
Refresh 🗹 Filter No filter 🔍	
Default network The default network	-

- 2. Ensure the Default Network has an *activated* icon. If not, check the checkbox next to Default Network and click Activate.
 - A Network Monitor network is a user-defined collection of objects that you choose to manage as a group. A Network Monitor network should not be confused with the physical networks that computers and devices belong to.
 - Each object you monitor must belong to a Network Monitor network.
 - Network Monitor provides a single Default Network for you to use. You can create additional networks if you like.

- Activating Default Network ensures any object that belongs to it can be activated for monitoring.
- 3. Click Default Network to see network details, including any objects that already belong to this Network Monitor network.

Preparing Network Monitor for Syslog Monitoring

The following preparatory steps should be performed before selecting a particular object for syslog monitoring using **Network Monitor**.

- A host device or machine must be configured to direct syslog messages remotely to the system hosting your instance of Network Monitor. Network Monitor detects UDP syslog messages that are either broadcast to the entire subnet or directed specifically to the Network Monitor syslog server using port 514. Configuration of each machine and device is unique and outside the scope of this documentation.
- 2. Enable the syslog server in **Network Monitor**. This step is detailed below.
- 3. Confirm syslog messages are being *received* by **Network Monitor**. This step is detailed below.

Note: On the Settings > Program settings > Log settings page are syslog options for creating Network Monitor syslog messages and *sending* them to an syslog server. You do not need to enable these options. They only apply if you want to create syslog messages for the Network Monitor server itself.

Enabling the Syslog Server in Network Monitor

1. Select Settings > Program settings > Misc settings.

		Kaseya® Network Monitor
Settings Networks	Objects Monitors Reports Schedules	Tools Help
Misc settings		
ninos octanigo		
elarm subject:		and the second sec
Alanni Subjetti	KNM - Alarm - %object_name - %monitor_name	View details
Alarm message:	▲ 	View details
	Time: %time Object: %object link (%object destination)	
	Monitor: %monitor_link	
	_	
Recover subjects	Status: Alarm	and the second sec
necover subject	KNM - Kestart - %object_name - %monitor_nam	view details
Recover message:	▲ 	View details
	Time: %time Object: %object link (%object destination)	
	Monitor: %monitor_link	
	·	
Advoauladaa subiastu	Status: Up //	
Acknowledge subjecti	KNM - Acknowledge alarm	View details
Acknowlede message:		View details
	Time: %time Operator %eperator surrent has ask pouledged	
	alarm for the following monitors:	
Barrad autoratio	%monitor_list	
Report subject:	KNM report - %report_name	View details
Testing & statistics		
Test interval:	60	Default test interval in seconds for monitors
Alarm gen.:	5	Default alarm generation count for monitors
Alarm test interval:	600	Test interval in seconds while monitor is in alarm state.
Statistics disk averaging:	5 minute(s) 💌	View details
Statistics store interval:	15 minute(s) 🔻	The interval of which KNM flushes statistics to disk. Choosing a shorter store interval could lessen memory usage.
m Date & week formats		
Date format:	YY/MM/DD -	Choose the format to use when displaying a date
Week format:	Weeks begin with a Monday 💌	Select which day that begins a new week. This will affect weekly
Week pumbering:	Week 1 centains lan 4th	reports and weekly toplists. Select which day that is in week 1 of the year. This setting affects
in each manne annigh	week I contains san von 🗸	week numbering in KNM.
PageGate integration		
Interface method:	Get ascii 💌	Select how KNM will interface with PageGate
Polling directory:		PageGate polling directory for the GetAscii interface
📋 Other settings		
Syslog server:		Enable the built in syslog server to receive syslog messages.
Watchdog sensitivity:	Function is disabled 💌	Select the sensitivity of the watchdog monitoring test frequency
Watchdog mail subject:	KNM system problem - monitors are not being p	Specify the subject line of the email sent to the wathdog will send to
Default proxy:		system auministrators in it decectes delayed cests. If the KNM server requires a proxy server for outgoing web traffic,
		enter the server address here. This is only relevant when KNM is checking for new version information.
Default proxy port:	1	Port used for the default proxy server.
Telnet prompt:	>,\$	Command prompt used by the built in telnet client. Separate multiple entries with a comma
Telnet login prompt:	login	Prompt used by the built in telnet client for login. Separate multiple
Telnet pass prompt:	password	entries with a comma. Prompt used by the built in telnet client for password. Separate
Parline.	-	multiple entries with a comma.
Backup frequencu		Check cars box to ensure automatic sectings backUps.
IP connection lists		Service are requery of the documence backaps. Specify range of JP-numbers bare that are allowed to connect to VMM
2. Connection inst.	0.0.0.0 - 235.255.255.255	via the web-interface. Format is #.#.#.# - #.#.#
La sia antina	<i>h</i>	where the state of
Lugin notice:		Enter any extra information that you want displayed at the login screen here.
Save		Cancel

2. Check the Syslog server checkbox and click the Save button.

Confirm Syslog Messages are Being Received by Network Monitor

1. Select Tools > SNMP / Syslog > Syslog messages. The 50 latest yslog messages received by Network Monitor display on this page.

												Kaseya" Ne	etwork Monitor
Set	tings Net	works	Objects	Monitors	Reports	Schedules	Tools	Help					
	50 latest s	slog me	essages	+ Create monito	er 👘								
Ref	resh 🗹												
Ø	Hostname	Prio	Facility	Time	Message								
	10.10.32.84	Warning	Daemon	2011-10-13 10:08:05	daemon[676]	: Invalid quer	y packet.						
	10.10.32.10	8 Warning	Daemon	2011-10-13 10:08:05	daemon[616]	: Invalid quer	y packet.						
	10.10.32.84	Warning	User	2011-10-13 10:07:51	AgentMon][14	192]: callKase	yaServer-(6658 -> L	eaving call	KaseyaServe	r with persistent o	connection	
	10.10.32.84	Error	Daemon	2011-10-13 10:07:41	1174]: SNM	1Pv2-MIB::sys	Descr.0						
	10.10.32.84	Error	Daemon	2011-10-13 10:07:41	1174]: send r	esponse: Fail	ure in sen	dto					
	10.10.32.84	Info	Daemon	2011-10-13 10:07:41	1174]: Conne	ction from UD	P: [10.10	.32.188]:-	4922->[10	.10.35.255]			
	10.10.32.84	Error	Daemon	2011-10-13 10:07:41	1174]: SNM	1Pv2-MIB::sys	Descr.0						
	10.10.32.84	Info	Daemon	2011-10-13 10:07:40	1174]: Conne	ection from UD	P: [10.10	.32.188]:-	4922->[10	.10.35.255]			
	10.10.32.84	Info	Daemon	2011-10-13 10:07:40	1174]: Conne	ection from UD	P: [10.10	.32.188]:-	4922->[10	.10.35.255]			
	10.10.32.84	Info	Daemon	2011-10-13 10:07:40	1174]: Conne	ection from UD	P: [10.10	.32.188]:-	4922->[10	.10.35.255]			
	10.10.32.84	Info	Daemon	2011-10-13 10:07:39	1174]: Conne	ection from UD	P: [10.10	.32.188]:-	4922->[10	.10.35.255]			
	10.10.32.84	Info	Daemon	2011-10-13 10:07:39	1174]: Conne	ection from UD	P: [10.10	.32.188]:-	4922->[10	.10.35.255]			
	10.10.32.10	8 Debug	User	2011-10-13 10:07:20	AgentMon][92	22]: callKasey;	aServer: L	eaving ca	llKaseyaSe	rver with per	sistent connectior	٦.	
	10.10.32.10	8 Debug	User	2011-10-13	AgentMon][92	22]: Requestir	ng user inf	fo for all c	lients.				

- In the image above you can see an example of two different IP addresses directing syslog messages to Network Monitor.
- No objects or monitors are yet configured. This page simply confirms that syslog messages being sent by devices and machines are being received by the syslog server you just enabled in Network Monitor.

Note: If you're not seeing syslog messages display here for a computer or device you want to monitor, you'll have to return to the computer or device and configure it to direct syslog messages remotely to your instance of **Network Monitor**. *Do not continue performing the instructions in this quick start guide until syslog messages display on this page as expected.*

Adding Objects Manually

Since you've already used Tools > SNMP / Syslog > Syslog messages to identify the IP address of a computer or device that is sending Network Monitor syslog messages, you don't have to use Network discovery. Instead, this procedure describes how to add the object manually.

1. Select Objects > List. The objects you've already added display.

				Kaseya [®] Network Monitor
Settings Networks Objects M	ionitors Reports Schedules Tools	Help		
Object list → Activate → Copy → Deac	tivate → Delete → Edit → Link → New object	→ Unlink → View report		
Refresh 🗹 View All 💌 « Prev Next » 🛛	Search Filter No	filter	•	
🕗 Name	Address	System type	Operator group	Network
10.10.32.204	D = 10.10.32.204	Generic/Unknown	Administrators	Default network
🔲 fvs114.kaseya.com	🧬 😑 fvs114.kaseya.com 🛛	Generic/Unknown	Administrators	Default network
🔲 qa-av-vsa8648d.kaseya.com	🧬 📒 qa-av-vsa8648d.kaseya.com	Generic Windows	Administrators	Default network
aa-av-xp32k	// 💻 ga-ay-xp32k	Generic Windows	Administrators	Default network

- 2. Enter the Name of the object. This does not have to be the same as the host name of the computer or device, but it often is the same.
- 3. Enter the IP Address of the computer or device.

4. Select the System type that best describes the computer or device you have selected and configured to send syslog messages remotely to your instance if Network Monitor. In this example Linux/Ubuntu is shown as selected, but it is only an example.

New object		
Object properties		
Name:		Name of this object
Address:		IP number or network name of this object
Network:	Default network 💌	Object is a member of this network.
Operator group:	Administrators 💌	Select the operator group responsible for this object
System type:	Linux/Unix 💌 Ubuntu 💌	Specify system type
Description:		Your comment about this object
Free text:		Specify whatever information you want here. It's possible to send this information along with outgoing alarm emails.
SNMP community:	public	Enter the default SNMP community for this object.
Alarm action list: Recover action list:	Default list	Select the default action list that will be used when monitors in this object enters alarm state Select the default action list that will be used when monitors in this
Active:	<u> </u>	object exits from alarm state. Object active/deactive setting. Monitors in a deactivated object will not perform any tests.
Authentication settings		
Specifying a logon ac Not doing so will limit	count is strongly recommended. ; your monitoring options on this object.	
 On Windows H 	nosts specify the account in the domain\username form.	
Default account:	New account	You can specify a default logon account here. Monitors using logon accounts will automatically use this account. Username
Password:		Password
Description:		Optional description of this account
Operator group:	Administrators 💌	This logon account will only be visible to operators in the selected operator group.
	Verify account Save account	
Connection type:	SSH2 🔽	Choose the method of connecting to this machine.
Port:	22	Use this port to connect to the machine.
Advanced properties (Clie	:k to expand/hide)	
NOC configuration (Click	to expand/hide)	
Save	Cancel	

- > Accept the Default network Network.
- Accept the default Operator Group (Network Monitor user group) to assign the object.
- Accept the default Alarm action list to assign the object. An alarm action list determines the actions that occur in response to an alarm condition.
- Leave the Recover action list blank for now.
- A logon credential is not necessarily required for syslog monitoring, but even if is not, entering one, if possible, is strongly recommended. You may wish to add additional monitors that do require a credential later on for this same object.
- Enter Authentication settings if possible. Click the New account phrase in the Authentication settings section to expand this section. Enter a Username, Password and Description. Click Verify account to test the credential before you click the Save account button.

Note: Ensure the Default account drop down list has your *new credential selected* before you Save and close the Edit object page.

6. Click **Save** to complete the configuration of the object.

Adding a Syslog Monitor

In this procedure you assign a Syslog monitor to the new object you just added.

Configuring Syslog Monitor

1. Select Objects > List. All objects in all networks display.

				Kaseya [®] Network Monitor
Settings Networks Objects Monit	ors Reports Schedules Tools He	lp –		
Object list → Activate → Copy → Deactiva	te → Delete → Edit → Link → New object → Unli	nk → View report		
Refresh 🗹 View All 💌 « Prev Next »	Search Filter No filter		•	
👸 Name	Address	System type	Operator group	Network
10.10.32.204	D == 10.10.32.204	Generic/Unknown	Administrators	Default network
🔲 fvs114.kaseya.com	🧬 📒 fvs114.kaseya.com	Generic/Unknown	Administrators	Default network
🔲 qa-av-u32.kaseya.com	D = 10.10.32.84	Ubuntu	Administrators	Default network
🔲 qa-av-vsa8648d.kaseya.com	🧬 📒 qa-av-vsa8648d.kaseya.com	Generic Windows	Administrators	Default network
🔲 qa-av-xp32k	🖉 📕 qa-av-xp32k	Generic Windows	Administrators	Default network

2. Click the name of the object you just added.

											Kaseya [®] Netwo	rk Monitor	
Settings	Networks	Objects	Monitors	Reports	Schedule <i>s</i>	Tools	Help						
Object ii	Object information + Deactivate + Delete + Make template + Properties + Search log + View report												
Name		Addre	:55				Netwo	ork 🛛					
qa-av-u32.l	kaseya.com	📕 10.10	.32.84				Defau	lt network					
Operator gr	oup		Alarm ac	tion list		R	ecover ac	tion list	/		System type		
Administrat	ors		Default li	st							Ubuntu		
Description													
Monitor	liSt→ Acknow	vledge alarm	› Activate →	Copy → Dea	activate → Del	ete → Edit	→ New m	ionitor > (Jnlink → V	iew report			
🚺 Name		Туре		Alarms		Time in cur	r ent state				Next test		
Related	reports												
Name					Descri	ption							

- The Name, Address and Network displays in the Object information section at the top of the page.
- > This object was added manually so there are no monitors yet assigned to the object.
- 3. Click the New monitor option in the Monitor list section menu.
- 4. Select the Log > **Syslog** monitor in the monitor tree.

			Kaseya* Network M	lonitor
Se	ttings	Networks	Objects Monitors Reports Schedules Tools Help	
N	ew m	onitor - qa-a	-u32.kaseya.com > Expand > Collapse	
Г			Search	
	Preco	nfigured	Monitors automatically detected by KNM, ready to use	
-	Web	and Email	Monitors for Webservers (HTTP), Email (POP, SMTP)	
-	SNMP		Monitor devices that supports the SNMP protocol	
÷	Perfo	mance	Disksize, memory, CPU usage and other performance related monitors	
+	Proce	sses	Monitor running processes and services	
-	Datab	ases	Monitoring of database servers	
Ŧ	Dired	ory services	LDAP, DNS and other directory services	
	Log		Monitoring of Eventlog, Syslog and text log files.	
	Į.	Log file	The monitor opens and scans a text file for specified strings.	
	í.	Syslog	The monitor captures syslog messages sent from a syslog server and then filters messages by facility o and priority level.	ode:
	Script		Monitors that execute and process scripts	
	Netwo	rk services	Various network services	
	Enviro	nment	Temperature and humidity monitors	
	Other	s	Various monitors that does not fall into the other categories	

> The Edit Monitor page displays automatically.

5. Set options in the Syslog monitor properties section of the Edit monitor page.

								Kaseya" Network Monitor
Settings	Networks	Objects	Monitors	Reports	Schedules	Tools	Help	
Edit mor		t settings)	Import settin		1			
m Basic p	merties	escengs .	Ampore secon	9-7				
Name:	operdes	Suslog						Name of this monitor
Type:		Syslog						Monitor type
Object:		qa-av-u3	2					The monitor is owned by this object
Test inte	rval:	60						Time in seconds between tests
m Advanc	ed properties (flick to expa	nd/hide)					
Alarm ge	neration:	1						How many consecutive failed tests until the first alarm is generated
Alarm te	st interval:	60						Test interval in seconds while monitor is in alarm state
Alarm ac	tion list:	Continue	ous list 💌					Action list used when the monitor enters alarm state (overrides object
Recover	action list:		•					secong) Action list used when monitor exits alarm state (overrides object
Store sta	tistics:							setting) Store statistics for this monitor to disk
Chart res	solution:	24 hours						Display realtime charts with this resolution
Group ch	annels:	Group 4	channels 💌					Group the specified number of channels into the same realtime chart.
Chart lay	out:	1 -						Number of realtime charts displayed per row
Active:		\checkmark						Monitor active/deactive switch
Alarm m	essage:							View details
Recover	message:							View details
Alarm su	bject:							View details
Recover	subject:				_			View details
Simple n	naintenance:		1.					Specify maintenance period for this monitor here in HH:MM format.
Day of w	eek:		Tue 🗖 Wed J	Thu 🗖 Fri	🗖 Sat 🗖 Sun			This pariod can wrap to the next day if needed. Select which day(s) of the the week the maintenance schedule will be active.
📋 Alarm f	iltering (Click to	o expand/hid	le)					
m Syslog	nonitor proper	lies						
Auth:								Check to trigger on this facility type
Authprive								Check to trigger on this facility type
Cron:								Check to trigger on this facility type
Daemon	:							Check to trigger on this facility type
Ftp:								Check to trigger on this facility type
Kernel:								Check to trigger on this facility type
Lpr:								Check to trigger on this facility type
Mail:								Check to trigger on this facility type
News:								Check to trigger on this facility type
Security:								Check to trigger on this facility type
Syslog:								Check to trigger on this facility type
User:								Check to trigger on this facility type
Uucp:								Check to trigger on this facility type
Locald:								Check to trigger on this facility type
Local2:								Check to trigger on this facility type
Local3								Check to triager on this facility type
Local4								Check to triager on this facility type
Local5								Check to triager on this facility type
Local6:								Check to trigger on this facility type
Local7:								Check to trigger on this facility type
Alert:								Check to trigger on this priority level
Critical:								Check to trigger on this priority level
Debug:								Check to trigger on this priority level
Emergen	cy:							Check to trigger on this priority level
Error:								Check to trigger on this priority level
Info:								Check to trigger on this priority level
Notice:								Check to trigger on this priority level
Warning								Check to trigger on this priority level
Indude:								If one or more strings are specified here, only messages that contain
								any or onese sorings will be origgered on, separate multiple strings with a comma (e.g. string1,string2).
Exclude:								If one or more strings are specified here, only messages that do not contain any of these strings will be triggered on. Separate multiple
								strings with a comma (e.g. string1,string2).
Save						Car	ncel	

- A syslog message only displays in the Status column if it triggers an alarm. Select Continuous list in the Alarm action list drop-down list. This ensures that the alarm state for the syslog monitor is always reset back to a green status Ok state, after each syslog message triggers an alarm. Without the reset, each new syslog message that matched the criteria you set would be ignored, for as long as the monitor was in the red status Alarm state.
- All syslog messages are classified by *facility* and *priority*. You must check at least one *facility* and at least one *priority* to trigger any alarm at all, and it will only be for the combination you select. Check them all to trigger an alarm for every combination.

- You can filter the alarms triggered further by entering text strings in the Include and Exclude fields. This is the text that appears in the body of syslog message.
- > You can also create multiple syslog monitors for the same object and set them to match different criteria.
- 6. Click **Save** to save your selections.
 - > The Monitor information page displays.
 - > If you just added the monitor, the monitor may not have returned any matching data yet.

Viewing the Syslog Monitor Log

The Syslog monitor only provides you the latest syslog messages you have received. Use this procedure to view the entire history of syslog messages that match the conditions you specified for a single object.

- 1. Re-display the Monitor information page for Syslog, if it is not already displayed.
 - You can re-display this page by clicking Objects > List > <objectname> > Monitor List > Syslog.
- 2. Click the Search log option on the Monitor information section menu, for the Syslog monitor you just configured.

										Kaseya® Network Monitor
Settings	Networks	Objects	Monitors	Reports	Schedules	Tools	Help			
Monitor i	nformatior	• Deactivate	e → Delete	Properties	▶ Search log	→ Simulate a	alarm → T	estnow		
Name	Object				1 T	ype		Alarms	Created time	
Syslog	qa-av-u3	2.kaseya.com	•			🕼 Syslog		0	2011-10-12 12:18:17	
Test interval	Alam	n test interval	A	larm gen.	Next test		Last test		Alarm action list	Recover action list
60	60		1		0m 54s (1	442)	2011-10	13 14:16	Same as object	Same as object
Time in curre	ent state Sta	us								
Oh Om 6s	Om 6s Facility Priority Status Daemon Error 1238]: 0xb3ca1b70;Failed to open session for user (name = 'root') -> error = 40 Cron Error 35491; [modulerpam_isass]pam_sm_open_session failed [login:root][error code: 40 Daemon Error 1238]: 0xb2s4b70;Failed to dose session for user (name = 'root') -> error = 4 Cron Error 35491; [modulerpam_isass]pam_sm_open_session failed [login:root]error code: 40081] Om 6s Systog message received:\nDaemon:Error 1238]: 0xb2ca1b70;Failed to open session for user (name = 'root') -> error = 40081, symbol = LW_ERROR_INOT_SUPPORTED, ellent pid = 3549 Cron:Error 35491; [modulerpam_isass]pam_sm_open_session failed [login:root]error code: 40081] Daemon:Error 12281; 0xb2s9b70;Failed to dose session for user (name = 'root') -> error = 40081, symbol = LW_ERROR_INOT_SUPPORTED, ellent pid = 3549 Cron:Error 35491; [modulerpam, isass]pam_sm_open_session failed [login:root]error code: 40081] Daemon:Error 12281; 0xb2s9b70;Failed to dose session error [error code: 40081] Cron:Error 35491; [module:pam, isass]pam_sm_dose_session error [error code: 40081] Cron:Error 35491; [module:pam, isass]pam_sm_dose_session error [error code: 40081] Cron:Error 35491; [module:pam_isass]pam_sm_dose_session error [error code: 40081] Cron:Error 35491; [module:pam_isass]pam_sm_dose									
Alarm histor	y									
2011-10-13 2011-10-13 2011-10-13 2011-10-13 2011-10-13	14:16:56 14:11:41 13:07:38 08:00:36 07:58:34	B Syslog m Syslog m Syslog m Syslog m Monitor (nessage recei nessage recei nessage recei nessage recei nk	ived:\nDaemo ived:\nUser:W ived:\nDaemo ived:\nUser:W	n:Error 1238] arning Agentf n:Warning da arning Agentf	: 0xb3ca1b7) Mon][1492]; eemon[676]; Mon][1492];	D:Failed to last mess last mess last mess	open session for age repeated 2 tim age repeated 2 tim age repeated 5 tim	user (name = 'r nes nes nes	

3. Click the Search button to display the latest messages for this monitor.O

									Kaseya Network Monitor
Setting	5 Networ	ks Objects	Monito	rs Reports	Schedules	Tools	Help		
Log	j search → J	Add log entry							
Period:	Current day	▼ Results:	100 💌	Text:		Search			
Object:	qa-av-u32.k	aseya.com	💌 Mon	itor: 🔽					
Date		Object	Monitor	Message					
2011-10	-13 14:17:01	qa-av- u32.kaseya.com	Syslog	Monitor 'qa-av-u	32.kaseya.com	- Syslog' is	now in c	ok status.	
2011-10	-13 14:17:01	qa-av- u32.kaseya.com	Syslog	Monitor 'qa-av-u	32.kaseya.com	- Syslog' wa	as edited	l by operator admin.	
2011-10	-13 14:16:56	qa-av- u32.kaseya.com	Syslog	Monitor 'qa-av-u	32.kaseya.com	- Syslog' er	ntered al	arm state	
2011-10	-13 14:16:56	qa-av- u32.kaseya.com	Syslog	Syslog message symbol = LW_ERI [login:root][error 40081, symbol = error [error code:	received:\nDae ROR_NOT_SUPF code: 40081] LW_ERROR_NO 40081]	emon:Error 1 PORTED, die Daemon:Err DT_SUPPOR	.238]: 0 int pid = or 1238] TED, die	xb3ca1b70:Failed to op 3549 Cron:Error 3549]]: 0xb289fb70:Failed to nt pid = 3549 Cron:Erro	en session for user (name = 'root') -> error = 40081, I: [module:pam_!sess]pam_sm_open_session failed o dose session for user (name = 'root') -> error = or 3549]: [module:pam_!sass]pam_sm_dose_session
2011-10	-13 14:16:56	qa-av- u32.kaseya.com	Syslog	Email (KNM - Alar	m - qa-av-u32	.kaseya.con	n - Sysle	g) sent to operator doo	cumentation@kaseya.com.
2011-10	-13 14:14:20	qa-av- u32.kaseya.com	Syslog	Monitor 'qa-av-u	32.kaseya.com	- Syslog' is	now in c	ok status.	
2011-10	-13 14:14:20	qa-av- u32.kaseya.com	Syslog	Monitor 'qa-av-u	32.kaseya.com	- Syslog' wa	as edited	l by operator admin.	
2011-10	-13 14:11:41	qa-av- u32.kaseya.com	Syslog	Monitor 'qa-av-u	82.kaseya.com	- Syslog' er	ntered al	arm state	
2011-10	-13 14:11:41	qa-av- u32.kaseya.com	Syslog	Syslog message	received:\nUse	r:Warning A	.gentMor	n][1492]: last message	repeated 2 times
2011-10	-13 14:11:41	qa-av- u32.kaseya.com	Syslog	Email (KNM - Alar	m - qa-av-u32	.kaseya.con	n - Sysle	g) sent to operator doo	:umentation@kaseya.com.
2011-10	-13 14:11:28	qa-av- u32.kaseva.com	Syslog	Monitor 'qa-av-u	32.kaseya.com	- Syslog' is	now in c	ok status.	
2011-10	-13 14:11:28	qa-av- u32.kaseva.com	Syslog	Monitor 'qa-av-u	32.kaseya.com	- Syslog' wa	ns edited	l by operator admin.	
2011-10	-13 13:07:38	qa-av- u32.kaseva.com	Syslog	Monitor 'qa-av-u	32.kaseya.com	- Syslog' er	tered al	arm state	
2011-10	-13 13;07:38	qa-av- u32.kaseya.com	Syslog	Syslog message calKaseyaServer d658 -> Leaving calKaseyaServer with persistent co connection User: repeated 2 times User: Warning Ag AgentMon[1492] calKaseyaServer with persistent co message repeate	received:\\Dae -6658 -> Leavir callKaseyaServ with persistent nnection User: Warning Agenth User:Warning entMon][1492]]: last message with persistent nnection User:' ad 2 times	emon: Warnin ng callKasey er with persi connection Warning Age AgentMon][: callKaseya e repeated 2 connection Warning Age	ng daem aServer: User:Wa entMon] last me 1492]: Server-6 times l User:Wa entMon]]	von[676]: last message with persistent connect nnection User:Warning Iraning AgentMon][1492] (1492]: callKaseyaServer-6658 s658 -> Leaving callKas Jser:Warning AgentMon][1492 [1492]: last message r	I repeated 2 times User/Waning AgentMon[[1492]. In User/Waning AgentMon[[1492]. cslikasysSever- ion User/Waning AgentMon[[1492]. cslikasysSever- jo calikaseysSeverer568 -> Leaving calikaseysSever- er658 -> Leaving calikaseysSever with persistent is User/Waning AgentMon[[1492]. last message -> Leaving calikaseysSever with persistent connection reysSever with persistent connection lesr:Waning [[1492]. calikaseysSever-658 -> Leaving [[1482]. calikaseysSever-658 -> Leaving][1492]. last

- The Log search page shows log entries any time a monitor enters a different alarm state as well as the syslog message itself.
- You can immediately display log entries for other *monitors*—or all monitors for the selected object—by selecting a different item in the Monitor drop-down list at the top of the page and clicking Search again.
- You can immediately display log entries for other objects—or all objects—by selecting a different item in the Object drop-down list at the top of the page and clicking Search again.

Viewing Alarm Configuration

In this section you view the default alarm settings for a Syslog monitor. You'll see that the monitor is configured to trigger an alarm immediately, the first time an alarm condition is encountered. In contrast, other types of monitors perform repeated tests before triggering an alarm.

- 1. Re-display the Monitor Information page for Syslog, if it is not already displayed.
 - You can re-display this page by clicking Objects > List > <objectname> > Monitor List > Syslog.
- 2. Click Properties in the Monitor information section menu.

Configuring Syslog Monitor

> The Edit monitor page displays.

								Kaseya [®] Network Monitor
Settings Net	tworks	Objects	Monitors	Reports	Schedules	Tools	Help	
Edit monitor	Export s	ettings →	Import setti	ngs				
Basic propert	ties							
Name:		Syslog						Name of this monitor
Type:		Syslog						Monitor type
Object:		qa-av-u3	2					The monitor is owned by this object
Test interval:		60						Time in seconds between tests
Advanced pro	operties (Clie	k to expa	nd/hide)					
Alarm generati	ion:	1						How many consecutive failed tests until the first alarm is generated
Alarm test inte	erval:	60						Test interval in seconds while monitor is in alarm state
Alarm action lis	st:	Continuo	us list 💌					Action list used when the monitor enters alarm state (overrides object setting)
Recover action	i list:		-					Action list used when monitor exits alarm state (overrides object setting)
Store statistics								Store statistics for this monitor to disk
Chart resolutio	on:	24 hours	-					Display realtime charts with this resolution
Group channel:	s:	Group 4	channels 💌					Group the specified number of channels into the same realtime chart.
Chart layout:		1 -						Number of realtime charts displayed per row
Active:		•						Monitor active/deactive switch
Alarm messag	e:							View details
Recover messa	age:	<u></u>						View details
Alarm subject:		i						View details
Recover subjec	ct:							View details
Simple mainte	nance:		-					Specify maintenance period for this monitor here in HH:MM format. This period can wrap to the next day if needed.
Day of week:			Tue 🗖 Wed	🗖 Thu 🗖 Fri	🗖 Sat 🗖 Sun			Select which day(s) of the the week the maintenance schedule will be active.

- 3. Expand the Advanced properties section by clicking Click to expand/hide, if it is not already expanded.
 - The Alarm generation value specifies the minimum number of consecutive "tests" that must fail to generate an alarm. In this case the value is 1, meaning it only takes one occurrence to trigger an alarm. In contrast, other monitors often have this value set to 5, meaning it takes five occurrences before an alarm is triggered.
 - The Test interval value in the Basic Properties section shows how much time must elapse between tests before the first alarm is generated.
 - The Alarm test interval value in the Advance properties section shows how much time must elapse between tests after the first alarm is generated. In this case, the setting is irrelevant because there is only one test before the alarm is generated. In other monitors this interval is usually much longer then the Test interval, to give you time to respond to the original alarm.
- 4. Ensure the Alarm action list is set to Continuous list, which was selected when Adding a Syslog Monitor (page 15).
- 5. Click Save if you made any changes to this monitor.
 - > The Monitor Information page displays.
 - The first time the monitor fails a test it will display an alarm icon.
 - The Continuous list action list ensures that the alarm is immediately reset back to a green status Ok state.

Viewing Alarm Action Lists

In this procedure you view the Continuous list alarm action list to see how it is constructed. You already selected it for your syslog monitor when Adding a Syslog Monitor (*page 15*). An alarm action list determines the automated response to an alarm count.

1. Select Settings > Alarm lists. The Action lists page displays.

2. Click the Continuous list action list. The Action list info page displays.

				Kaseya [®] Netwo	ork Monitor								
Settings Networ	ks Objects Monitors	Reports Schedules Tools H	elp										
Action list info > Delete > Properties													
Name	Description				Default								
Continuous list	Action list for use with monit	ors that trigger alarms directly by default (Eve	nt log, SNMP trap etc)										
Actions → Add act	ion → Delete												
🕗 Alarm number	Description												
1	1 🖉 Send email to operator group												
☐ 1	🖉 List reset												
Objects using a	ctionlist → Edit												
🕗 Name		Address	Description										
Monitors using	actionlist > Edit												
🕗 Object		Monitor		Туре									
🔲 qa-av-xp32k		System error events		🖉 🗐 Eventlog									
🔲 qa-av-xp32k		Application error events		🖉 🗐 Eventlog									
🔲 qa-av-u32		Syslog		🖉 🗳 Syslog									
🔲 qa-av-xp32k		Security events		🖉 🔕 Eventlog									

- > The last action in the Continuous list action list is List reset.
- 3. Click the pencil icon next to List reset, as though you were going to edit this action.

			Kaseya [®] Network Monitor
Settings Networks	Objects Monitors Reports	Schedules Tools Help	
Edit action			
List reset Alarm number:	1 This action does not have any addition	nal settings	Action will be executed at this alarm number
Save		Cancel	

You can see there is only one value you can change. It tells you that a monitor will be reset back to a green status
Ok state when a monitor's alarm state reaches the value specified.

Warning: Don't change this value! It affects other monitors that use it in Network Monitor.

- Since 1 is always the first value of any monitor's alarm state, the monitor will be reset as soon as the alarm is triggered.
- The Continuous list is typically used with a monitor that triggers an alarm each time it occurs, instead of undergoing repeated tests. Examples include event logs, SNMP traps and syslog messages.
- Without the reset, each new event that matched the alarm criteria you set would be ignored, for as long as the monitor was in the red status *Alarm* state.
- 4. Click **Cancel** to close this window.

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