



onTune Version 4.1

Event User Guide

Apr. 2017

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General Information on Conventions, Copyrights, Contacts

Conventions

Fonts	Contents
<i>Rockwell Italics</i>	<i>onTune products itself or onTune unit module.</i>
MS Reference Sans Serif	Normal contents
<u>MS Reference Sans Serif Bold with underscore</u>	<u>Even they are in same chapter, they need to described separately</u>
MS Reference Sans Serif Bold	Menus, buttons, check boxes, radio buttons on window, and window TitleBar information text. Actual file name.
<i>MS Reference Sans Serif Italics</i>	<i>Window messages that are different from case to case.</i>
MS Reference Sans Serif Bold Red Font	Important information to remember
<u>MS Reference Sans Serif Bold Red Font with underscore</u>	Important information related to application execution.
Arial Unicode MS	Entry names in configuration file or scripts. (user not allowed to modify.)
<i>Arial Unicode MS Italics</i>	<i>User input field in configuration file and/or runtime script</i>

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http://docs.oracle.com/cd/E27449_01/doc/dcommon/html/cpyr.htm

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onTune Manuals and Compatibilities

onTune Manuals

onTune provides the following user manuals.

onTune Version 4.1 Installation Guide

Install *onTune* modules except for the *Event Manager*; *Event Viewer*. (*onTune* Version 4.1 *Event User Guide* and 4.1 *WebViewer* Guide includes the install instructions).

onTune Version 4.1 *Admin* User Guide

Manages license and settings for *onTune*.

onTune Version 4.1 *Admin* User Guide – User Defined Job Option

Enable and utilize User Defined Job Option in *onTune Admin* module.

onTune Version 4.1 *Viewer* User Guide

Analyze and view performance data and create reports.

onTune Version 4.1 *Event* User Guide

Install and use *onTune Event Manager* and *Event Viewer*.

onTune Compatibility Information

onTune Version 4.0 and 4.1 compatibilities and dependencies are as follows :

<i>onTune Manager</i> Version	Other <i>onTune</i> Modules version (Compatible with <i>Managers</i> version)
<i>onTune Manager</i> Version 4.0	<i>onTune Admin</i> Version 4.0 <i>onTune Viewer</i> Version 4.0 <i>onTune Event Manager</i> Version 4.0 <i>onTune Event Viewer</i> Version 4.0 <i>onTune Admin</i> Version 4.1 <i>onTune Viewer</i> Version 4.1 <i>onTune Event Manager</i> Version 4.1 <i>onTune Event Viewer</i> Version 4.1
<i>onTune Manager</i> Version 4.1	<i>onTune Admin</i> Version 4.1 <i>onTune Viewer</i> Version 4.1 <i>onTune Event Manager</i> Version 4.1 <i>onTune Event Viewer</i> Version 4.1

onTune Supports

The servers(hosts) to be monitored;

- IBM AIX 5.1 or later
- HP-UX 11 or later
- Solaris 5.x or later
- Linux kernel version 2.6 or later (Please let us know your Linux kernel version if *onTune Agent* does not run for your Linux server, and we will create new agents for it.)
-

The servers(hosts) for *onTune Manager*;

- Windows Server 2008 R2 or later
- 2 GHz Quadcore CPU or better
- 4 GB Memory or more (For greater than 500 *Agents*, we highly recommend adding more memory.)

1. *onTune Event* Introduction and Installation

onTune is a system *Performance Monitoring and Analysis* Tool. It consists of *Agent* processes on the monitored server(s) to collect and package the information; *Manager* and *Event Manager* to process, store, and manage the information in the Database; and presenting information for display by the *Viewers*.

onTune Event functions are only supported in Enterprise Edition (EE).

1.1 A Brief Introduction to *onTune Event*

onTune Event Manager configure, store, and manage user-settable events via the *onTune Event Viewer* Console from the information which is collected by the *Agents*, and received from the *onTune Manager*. The *Event Manager* promptly initiates the alerts and alarms for the configured participants from these stored events.

Since *onTune Event Manager* cannot run without *onTune Manager*, *onTune Manager* should be installed prior to installing *onTune Event*.

onTune Event Viewer presents the information stored by *onTune Event Manager*, so that at least one *Event Manager* should be installed prior to install and execute *Event Viewer*. The user accounts for the *onTune Event* are managed through the *onTune Event Viewer*.

onTune Event Viewer connects multiple *Event Managers'* databases simultaneously. If the system event data of the user's managed servers(hosts) are distributed over several *Event Managers'* databases, then the user must connect every *Event Manager's* databases in order to manage them.

The functions of *onTune Events* are:

Managing events settings for system performance and system operation.

- System resource utilization.
- Processes running on the servers(hosts).
- Text pattern on log files.
- File system usage.
- Ping
- Scanning service ports
- Others

Managing events lists and history.

Notifying events to the user.

Query, trace, and investigate events.

1.2 *onTune Event* Installation

1.2.1 Preparation for the installation of *onTune Event*

onTune Event should be installed after installation of *onTune Manager*. Refer to “*onTune Version 4.1 Installation Guide*” for the installation of other *onTune* modules.

The check list prior to installation is:

1. Installation of *onTune Manager*.
2. Installation of the database for *onTune Event*

If *onTune Event* uses the same database as *onTune Manager*, then it is not necessary to install database for *onTune Event*.

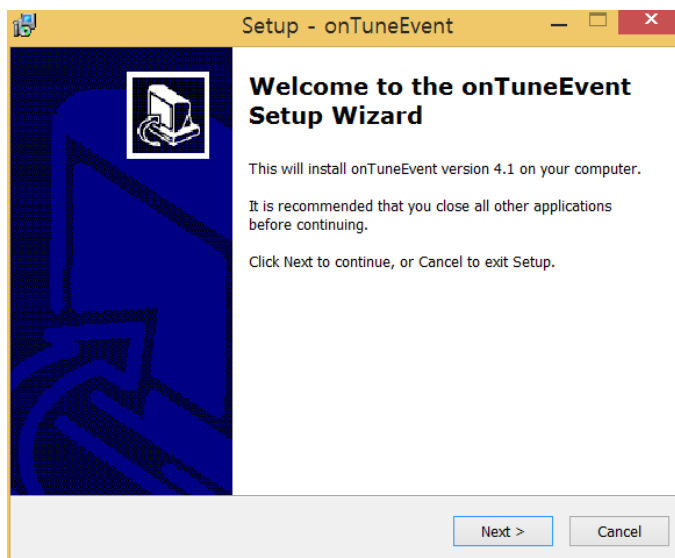
If not, then install database first. *onTune Version 4* supports PostgreSQL and MariaDB. Refer to “2. Database Installation” in “*onTune Version 4.1 Installation Guide*.”

After installation of database, create a database user account for *onTune Event*. Remember this account name and password, you will be asked to input these information during *onTune Event* installation process. Super user privileges should be granted to this user account.

1.2.2 Installation of *onTune Event*

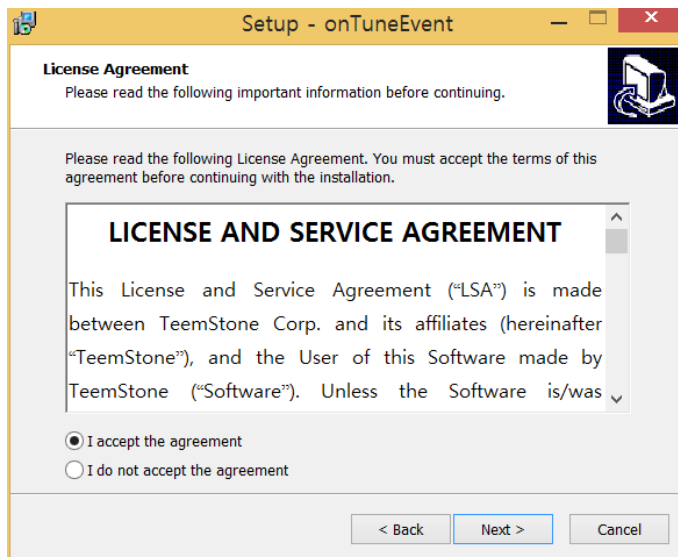
Execute the installation file **onTuneV41_Event_setup.exe**.

1. Run installation file **onTuneV41_Event_setup.exe** with administrator privileges.



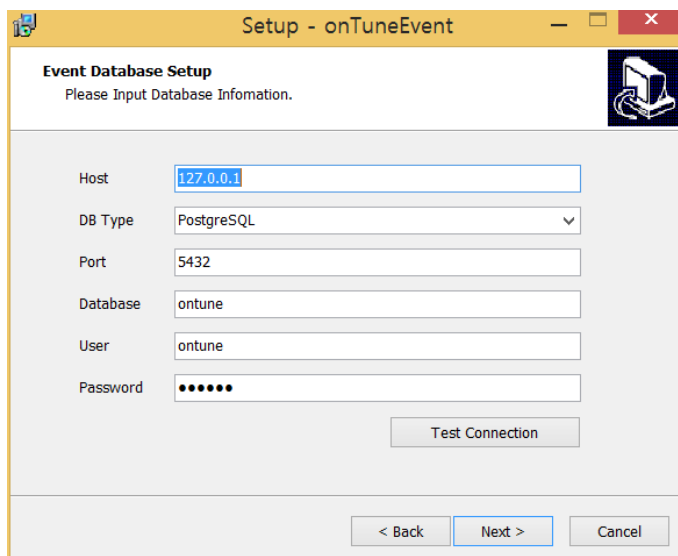
- Click **Next**.

2. Agree to the license agreement.



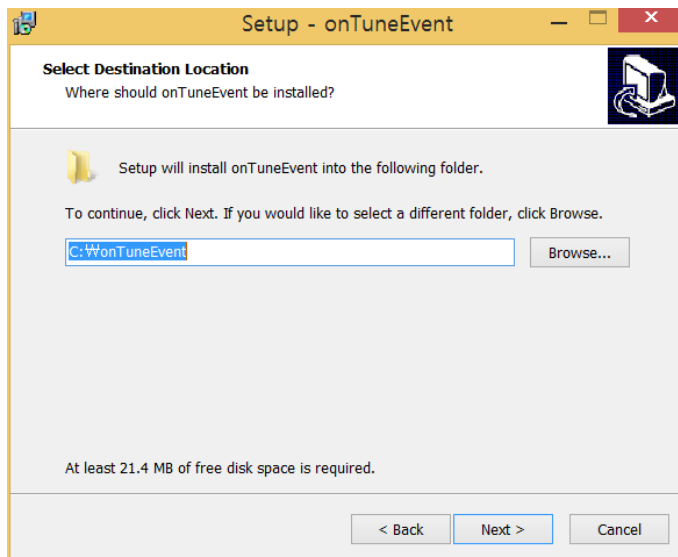
- Check **I Accept the agreement.**
- Click **Next.**

3. Input the database information for *onTune Event*. Default values are the same as *onTune Managers*'. Obtain the account name and password from your database or *onTune* administrator.



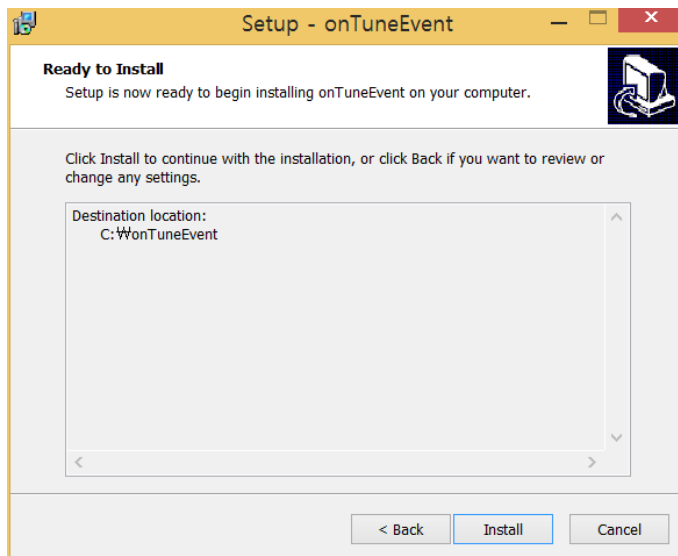
- Click **Test Connection** to ensure proper connection to the database. Even if this test fails, you may proceed to the next installation steps. In this case, you will need to manually configure the database connection information after installation.
- Click **Next.**

4. Input *onTune Event* installation directory.



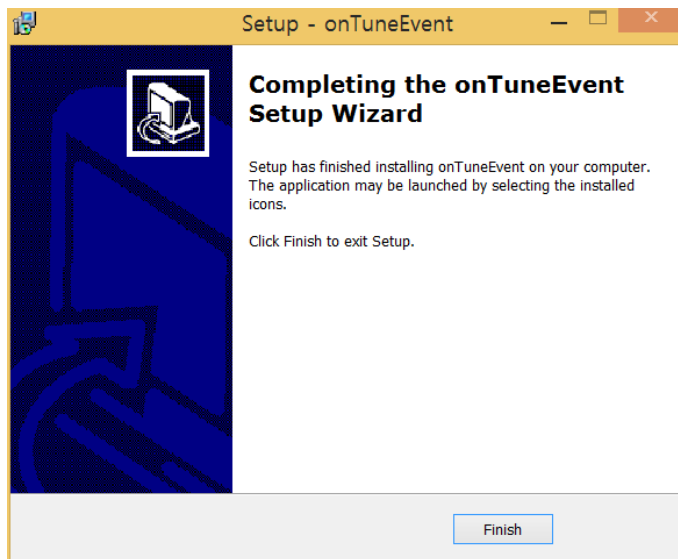
- Input the directory path for installation.
- Click **Next**.

5. Confirm installation settings.



- Click **Install**.

6. Installation wizard registers *onTune Event* as a Windows service. Several command prompt windows will appear, and then disappear. The installation process is finished.



- Click **Finish**.

1.3 onTune Event Manager Configuration

Once the *onTune Event Manager* installation is completed with the setup file, you may configure *onTune Event Manager* environmental settings.

The **config.ini** file containing the environmental settings is located in the **config** directory under the *onTune Event* installation directory. If this file and/or directory is non-existent, then you must create it manually. **This file must be edited in Administrator mode.**

When you change or create the configuration file, please stop and restart *onTune Event* services using the services.msc utility.

The Config.ini file contents are as follows;

[DB]
Host=
Port=
Database=
DBType=
User=
Password=

Section	Entry	Default	Comments
[DB]	HOST=	<i>127.0.0.1</i>	IP address of the Database server.
	Port=	<i>3306</i> <i>5432</i>	The listening port number of Database. The default value of MariaDB is 3306, PostgreSQL 5432.
	Database=	<i>ontune</i>	Database name
	DBType=	<i>3</i> <i>4</i>	3 denotes PostgreSQL 4 denotes MariaDB
	Stamp=		<i>onTune's</i> internal codes, <u>do not modify</u> .
	Code=		
	User=		Login ID and password to the database, These will be deleted after first access to the database.
	Password=		

1.4 Quick Distribution of *onTune Event Viewer* Executables

You may install *onTune Event Viewer* through the provided setup file(s), or distribute and run the compressed files. Refer to "1.2 onTune Event Installation" for installation.

Follow the steps below to build and distribute *onTune Event Viewer* quick deployment file. These files are found in the *onTune Event* installation folder.

1. Install *onTune Manager*
2. Install *onTune Event*. (During installation of *onTune Event*, *onTune Event Viewer* is automatically installed in *onTune Viewer* folder under the installation folder.)
3. Configure *onTune Event Viewer* properly to connect *Event Manager(s)*.
4. Compress executables and configuration files. The following are the files and folders to be included in the compressed file.

onTune Event Viewer executable (onTuneEventViewer.exe)
DLLs to connect database (dbexmpda40.dll, dbexppgsq140.dll)
Configuration folder (folder Config)
Localization folders (folder locale and language, if it exists)

5. Distribute the compressed file to the user PC.
6. Uncompress and run *onTune Event Viewer*.

1.5 Checklist prior to executing *onTune Event*

Based on the user's event settings, *onTune Event* makes a determination and includes the information which is collected by the *Agents* and received by the *Manager* into the system performance event that is reported to the user. The *Event Manager* determines and stores events that are to be reported to the user into the database. The *Event Viewer* presents to the user all the event information determined by the *onTune Event Manager* to the user.

Check the following items prior to executing *onTune Event* and *Event Viewer*.

- Execute all database(s) of *onTune Manager(s)* that will be connected.
- Execute *onTune Manager(s)*.

For *Event Viewer*;








- Execute all database(s) of *onTune Event Manager(s)* that will be connected.
- Execute *onTune Event Manager(s)*.

2. Executing *onTune Event*

onTune Event Manager is registered as a windows service during the installation process, so it executes automatically upon Windows boot-up.

This section will only show how to execute *onTune Event Viewer*. Execute *onTuneEventViewer.exe* from the *onTune Event* installed directory. Please refer to "1.2 onTune Event Installation."

The *onTune* installed directory displays below:

 config	2014-12-31 1:23 PM
 locale	2014-12-30 12:03 PM
 log	2014-12-30 12:03 PM
 wav	2014-12-30 12:02 PM
 dbexpmda40.dll	2013-10-21 3:48 PM
 dbexppgsql40.dll	2014-02-20 11:21 AM
 onTuneEventViewer	2014-12-23 6:24 PM

Event Viewer connects multiple *Managers'* databases simultaneously. If the event data of the user's managed servers(hosts) are distributed over several *Event Managers'* databases, then the user must connect every *Event Manager's* databases in order to manage them.

2.1 Managing Sessions to Connect Databases

Upon *onTune Event Viewer* execution, you will see the login information window. If your *onTune Event Viewer* was distributed in compressed file type for quick distribution, then you may use the ready-configured database connection information. Refer to "1.4 Quick Distribution of onTune Event Viewer."

The database connection information window is displayed first. *onTune Event Viewer* connects multiple *Managers'* databases simultaneously. If the event data of the user's managed servers(hosts) are distributed over several *Event Managers'* databases, then the user must connect every *Event Manager's* databases in order to manage them. Refer to "1.3 onTune Event Manager Configuration" about how to configure *onTune Event*.

onTune Event Viewer displays only assigned servers event data to the login user. You must create a User account, and assign servers to be managed to this user via *onTune Event Viewer*. Refer to "4. Managing onTune Event User Accounts."

2.1.1 Connecting to Databases for the First Time

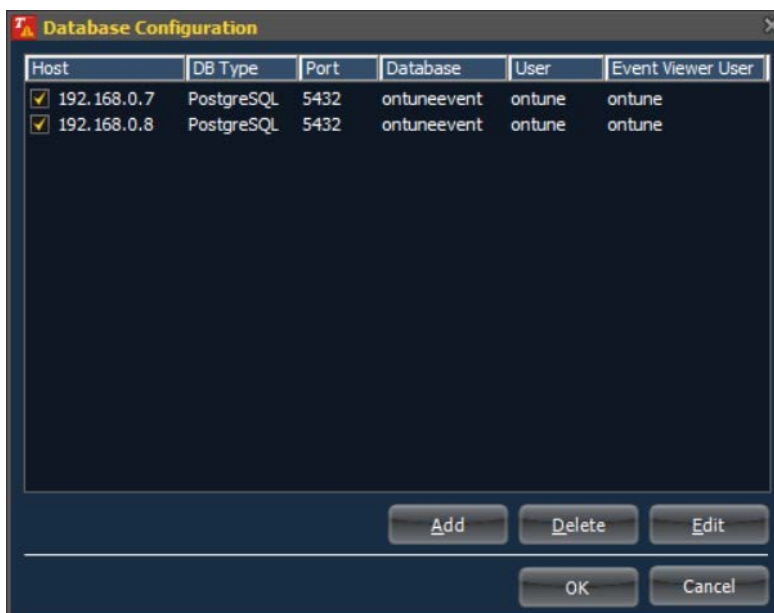
When you login to *onTune Event Viewer* for the first time, you need to register appropriate users. If you had installed *onTune Event* using setup file with default values, you may use the default database login user information below:

	DB user	Event Viewer user	Comments
Account	ontune	ontune	
Password	ontune	ontune	

- Please confirm database user account and password to *onTune Administrator*.
- The user account "ontune" has super user privileges, you need to change the password at first login.

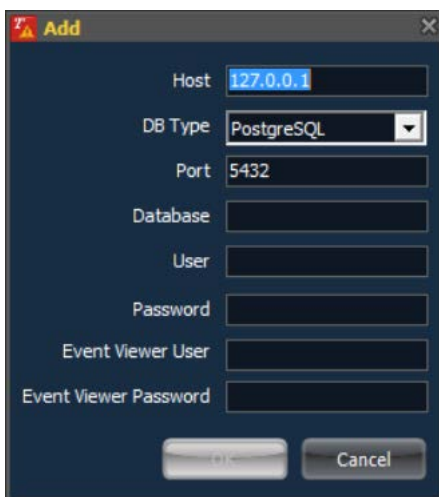
2.1.2 Adding Session to Connect Database

The database connection information window is displayed first. This window contains the same connection information from the last login.



- **Host** is the hostname or IP Address of the database server.
- **DB Type** is the type of database. *onTune* V4 supports MariaDB and PostgreSQL.
- **Port** is the listening port of the database.
- **Database** is the name of the *onTune Event* database. The default name is **ontune** if *onTune* was installed with setup files - **onTunev41_Event_setup.exe**.
- **User** is the database login user name.
- **Viewer User** is the *onTuneEvent Viewer* user.
- Click **Add** to add session to connect database.
- Click **Delete** to delete session to connect database.
- Click **Edit** to edit session information to connect database.
- Click **OK** to connect all the defined databases.
- Click **Cancel** to close *onTune Event Viewer*.

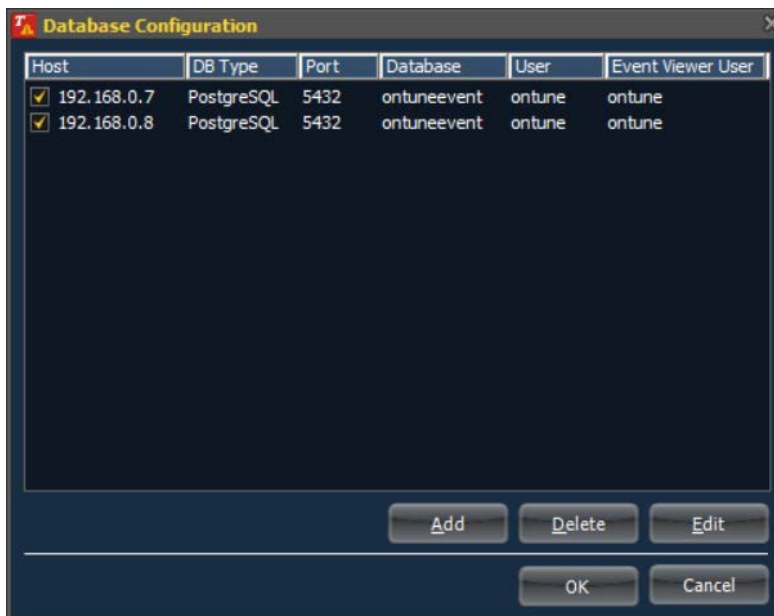
To add sessions to connect database, click **Add**. The following window displays:



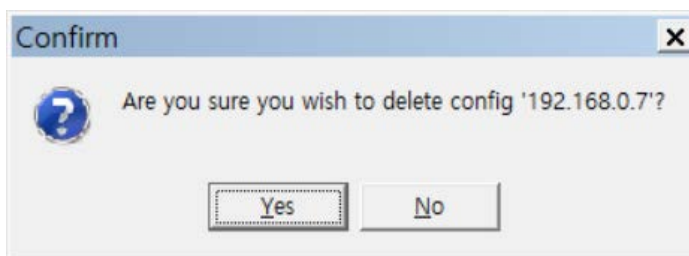
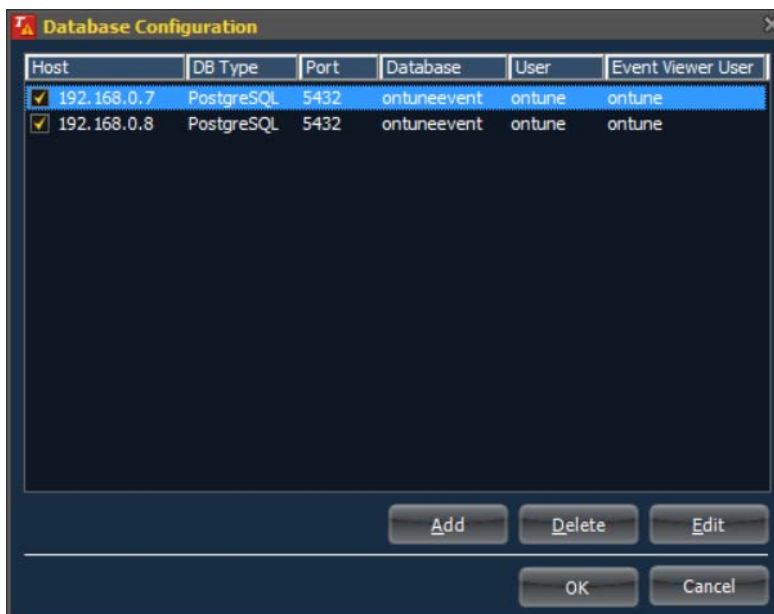
- **Host** is the hostname or IP Address of the database server.
- **DB Type** is the type of database. *onTune* V4 supports MariaDB and PostgreSQL.
- **Port** is the listening port of the database.
- **Database** is the name of the *onTune Event* database. The default name is **ontune** if *onTune* was installed with setup files - **onTunev41_Event_setup.exe**.
- **User** is the database login user name.
- **Viewer User** is the *onTuneEvent Viewer* user.
- Click **Add** to add session to connect database.
- Click **Delete** to delete session to connect database.
- Click **Edit** to edit session information to connect database.
- Click **OK** to connect all the defined databases.
- Click **Cancel** to close *onTune Event Viewer*.

2.1.3 Deleting Session to Connect Database

To delete sessions to connect database, click the **Delete** button on the database configuration window.



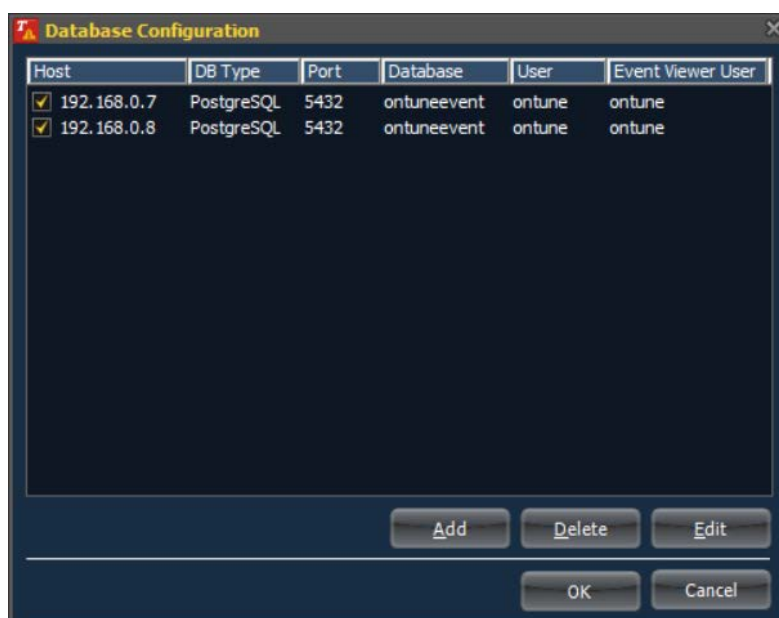
Select a session to delete, click the **Delete** button.



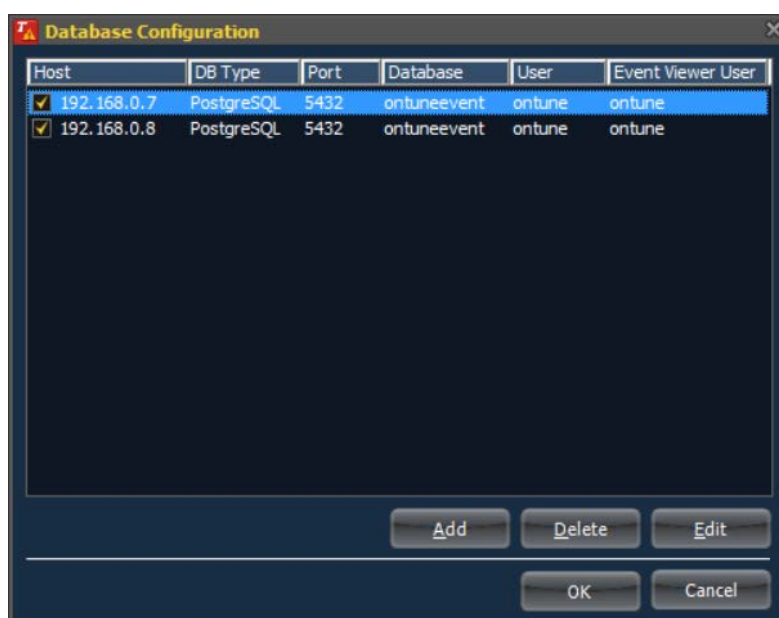
- Click **Yes** to delete session to connect database.
- Click **No** to cancel.

2.1.4 Modifying Session to Connect Database

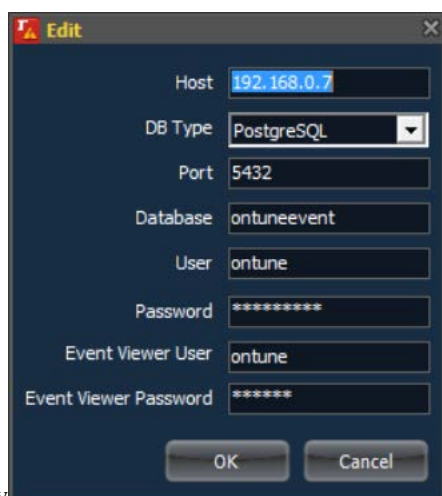
To modify the database connection session, click the **Edit** button on the database configuration.



Select a session to modify, then click the **Edit** button. Alternatively, you may double-click the session information row.



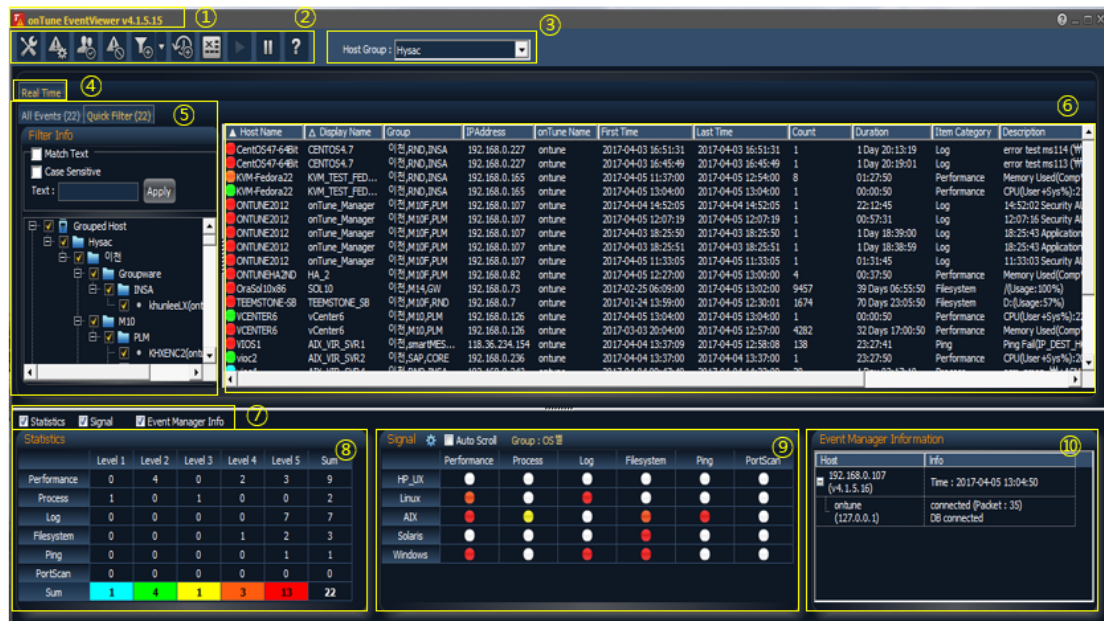
The window below displays:



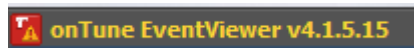
- **Host** is the hostname or IP Address of the database server.
- **DB Type** is the type of database. *onTune* V4 supports MariaDB and PostgreSQL.
- **Port** is the listening port of the database.
- **Database** is the name of the *onTune Event* database. The default name is **ontune** if *onTune* was installed with setup files - **onTunev41_Event_setup.exe**.
- **User** is the database login user name.
- **Viewer User** is the *onTune Event Viewer* user.
- Click **Add** to add session to connect database.
- Click **Delete** to delete session to connect database.
- Click **Edit** to edit session information to connect database.
- Click **OK** to connect all the defined databases.
- Click **Cancel** to close *onTune Event Viewer*.

2.2 Main Window and Menu

The main window of *onTune Event Viewer* is as follows:



- ① *onTune Event Viewer* main window TitleBar displays version information.



- ② Main Control Menu.



- **Home Menu** (Refer to "2.2.1 Home Menu and Icons")
- **Set Events** (Refer to "5.1 Setting Event Detecting Conditions")
- **Manage Notifying Staffs** (Refer to "4.2 Managing Notifying Staffs")
- **Register Scheduled Stoppages** (Refer to "5.5 Setting Scheduled Stopplings")
- **Add Filter** and **Filter Configuration** (Refer to "3.6 Managing Filtered List Tab.")
- **Add History** (Refer to "3.5 Creating a List Tab for Specified Time Period")
- **Event Report** (Refer to "6.1 Creating a Report")
- **Pause** and **Resume** **Screen Updates** (Refer to "3.2.2 Pausing and Resuming Screen Update")
- **Help** (Refer to "2.4 Help Menu")

- ③ Selecting group **Host Group : Department** (Refer to "3.2.1 Present Group Information")

- ④ Tabs for Specified Time Period (Refer to "3.5 Creating a List Tab for Specified Time Period.")

- ⑤ Tabs for Specified Filtering Condition. (Refer to "3.6 Managing Filtered List Tab.")

- ⑥ Event Information Window (Refer to "3.1 Defining Columns of Event List.")

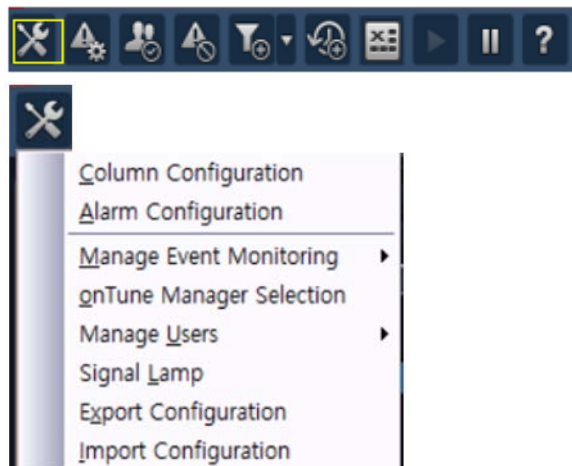
- ⑦ Summary Controls (Refer to "3.3 Event Summary and Connection Information Controls.")




- ⑧ Summary of Events. (Refer to "3.3.1 Summary of Events.")

- ⑨ Event Signal Lamps (Refer to "3.3.2 Managing Event Signal Lamps.")
- ⑩ Session Information to Connect Event Manager (Refer to "3.3.3 Information of Sessions to Connect Event Manager.")

2.2.1 Home Menu and Icons


Home menu  contains several sub menus.

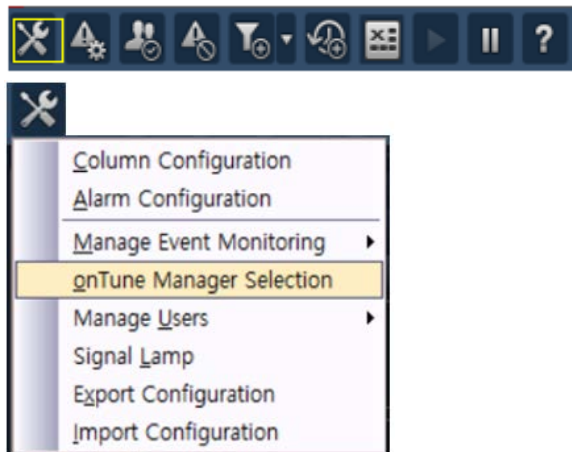


- Column Configuration: Define the columns of event list window. (Refer to "3.1 Defining Columns of Event List.")
- Alarm Configuration: Define how to indicate when event occurs. (Refer to "3.4 Defining Event Informing Method.")
- Manage Event Monitoring:
 - Set Event: Set event conditions. Same to icon . (Refer to "5.1 Setting Event Detecting Conditions.")
 - Set Notifying Options: Set the event notifying messages. (Refer to "5.4 Set Event Notifying Messages.")
 - Register Scheduled Stoppages: Register the time period to be excluded. Same as icon . (Refer to "5.5 Setting Scheduled Stoppages.")
- onTune Manager Selection: Manage the sessions between *Event Manager* and *Manager*. (Refer to "2.3 Managing the Sessions from onTune Event Manager to onTune Manager.")
- Manage Users:
 - Event Viewer User: Manage Event Viewer users. ("Refer to 4.1 Managing *Event Viewer* Users.")
 - Manage Notifying Staff: Manage the staff information regarding who are notified when event occurs. Same as icon . (Refer to "4.2 Managing Notifying Staffs.")
- Signal Lamp: Define the event signal lamps in bottom of window. (Refer to "3.3.2 Manage Event Signal Lamps.")
- Export Configuration: Export event configuration to a file. ("Refer to "3.7 Exporting and Importing Event Configuration")
- Import Configuration: Import event configuration from a file. ("Refer to "3.7 Exporting and Importing Event Configuration")

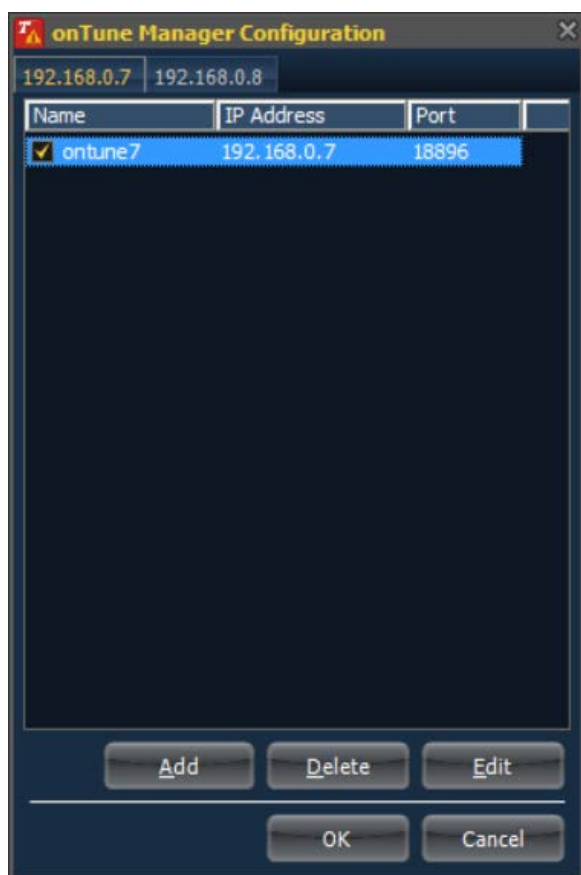
2.3 Managing the Sessions from onTune Event Manager to onTune Manager

For *onTune Viewer* to execute properly, you must configure database settings for connection sessions from *onTune Event Viewer* to *onTune Event Manager*, refer to "2.1 Managing Sessions to Connect Databases." In this chapter, you will learn how to define the database sessions from *onTune Event Manager* where *onTune Viewer* connects, to *onTune Manager*, where system performance data exists.

Click the home menu icon  and select **onTune Manager Selection** menu.




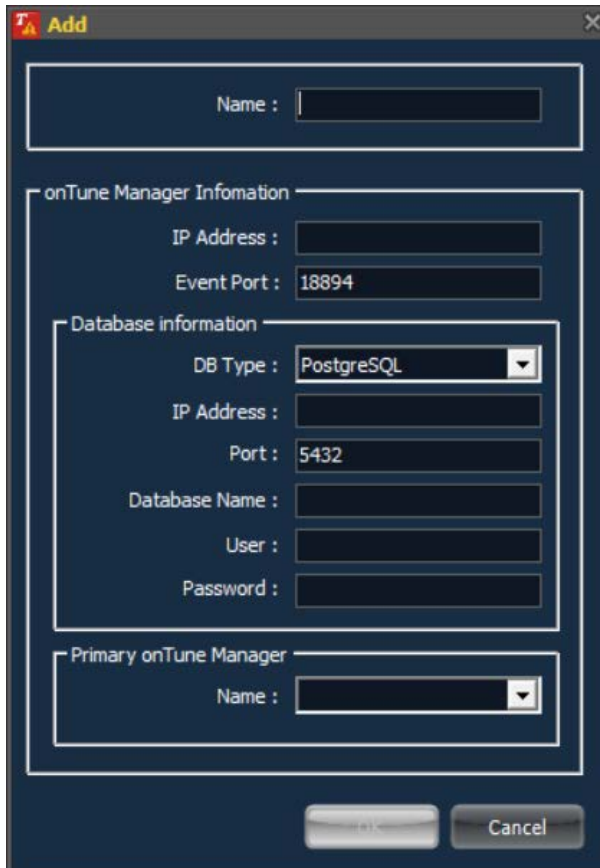
The following window appears:



- **IP** address tabs: *onTune Viewer* connects each IP Address where *onTune Event Manager* Database run.
- Click **Add** to add an *onTune Manager* database to connect.
- Click **Delete** to delete an existing session.
- Click **Edit** to edit an existing session information.
- Click **OK** to save.
- Click **Cancel** to cancel.

2.3.1 Adding a session

Click the home menu icon  and select **onTune Manager Selection** menu. Then click **Add** button.



- **Name:** the unique name of this session.
- **onTune Manager Information**
 - **IP Address:** IP Address of the server(host) where *onTune Manager* runs.
 - **Event Port:** The TCP port number for communicating between *onTune Event Manager* and *onTune Manager*. Default value is 18894.
 - **Database information**
 - ◆ **DB Type:** The type of database. *onTune* Version4 supports PostgreSQL and MariaDB.
 - ◆ **IP Address:** IP Address of the server(host) where *onTune Manager* database run.
 - ◆ **Port:** listening port of database. The default values are 5432 for PostgreSQL, 3306 for MariaDB.
 - ◆ **Database Name:** the name of database for *onTune*.
 - ◆ **User:** database user account to connect.
 - ◆ **Password:** password for the user account.
 - **Primary onTune Manager**
 - ◆ **Name:** the name of Primary *onTune Manager*
- Click **OK** to save.
- Click **Cancel** to cancel.

2.3.2 Modifying a session

Click the home menu icon  and select **onTune Manager Selection** menu. Then click **Edit** button.

Edit

Name :

onTune Manager Information

IP Address :

Event Port :

Database information

DB Type :

IP Address :

Port :

Database Name :

User :

Password :


Primary onTune Manager

Name :

OK Cancel

- **Name:** the unique name of this session.
- **onTune Manager Information**
 - **IP Address:** IP Address of the server(host) where *onTune Manager* runs.
 - **Event Port:** The TCP port number for communicating between *onTune Event Manager* and *onTune Manager*. Default value is 18894.
 - **Database information**
 - ◆ **DB Type:** The type of database. *onTune* Version4 supports PostgreSQL and MariaDB.
 - ◆ **IP Address:** IP Address of the server(host) where *onTune Manager* database run.
 - ◆ **Port:** listening port of database. The default values are 5432 for PostgreSQL, 3306 for MariaDB.
 - ◆ **Database Name:** the name of the database for *onTune*.
 - ◆ **User:** database user account to connect.
 - ◆ **Password:** password for the user account.
 - **Primary onTune Manager**
 - ◆ **Name:** the name of Primary *onTune Manager*
- Click **OK** to save.
- Click **Cancel** to cancel.

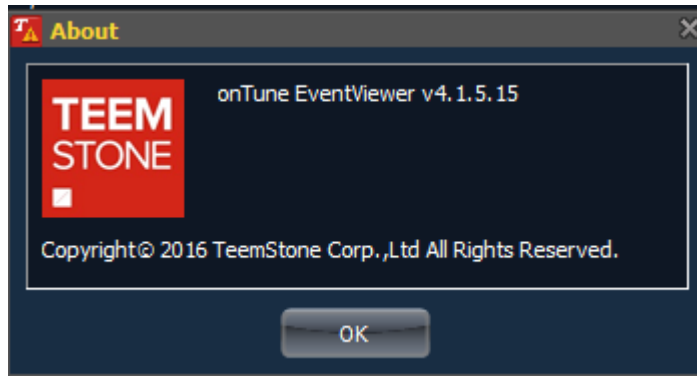
2.3.3 Deleting a session

Click the home menu icon  and select **onTune Manager Selection** menu. Then click **Delete** button.

2.4 Help Menu



Click the help icon  to view *onTune Viewer* information.



- Click **OK**.


3. Screen Layout and Information Control

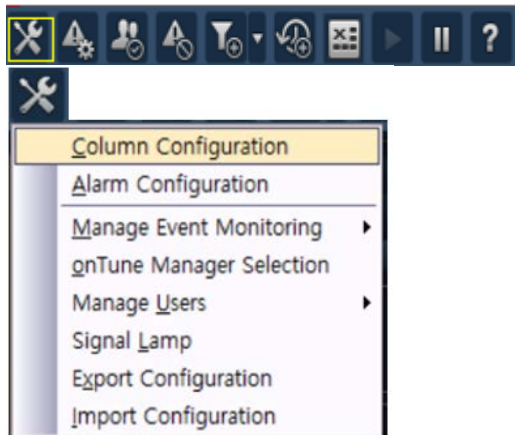
You are able to manage the layout of *onTune Viewer* main window.

- The columns to be displayed in the event information window.
- How to display the event.
- Whether to present event summary table or not.
- Event signal lamps.
- Information of connection sessions to *onTune Manager*

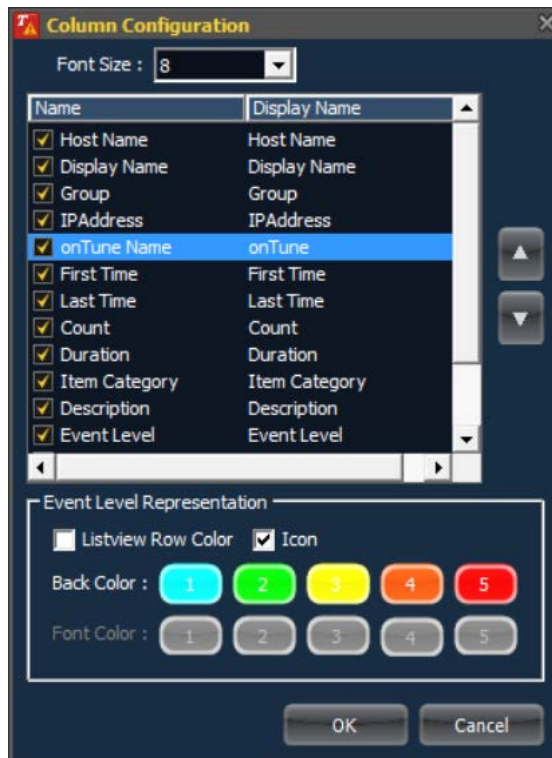
3.1 Defining the Columns of Event List

The area ⑥ in the window below shows the event list. You may define which columns will be shown or not.

Click the home menu icon  and select **Column Configuration** menu.



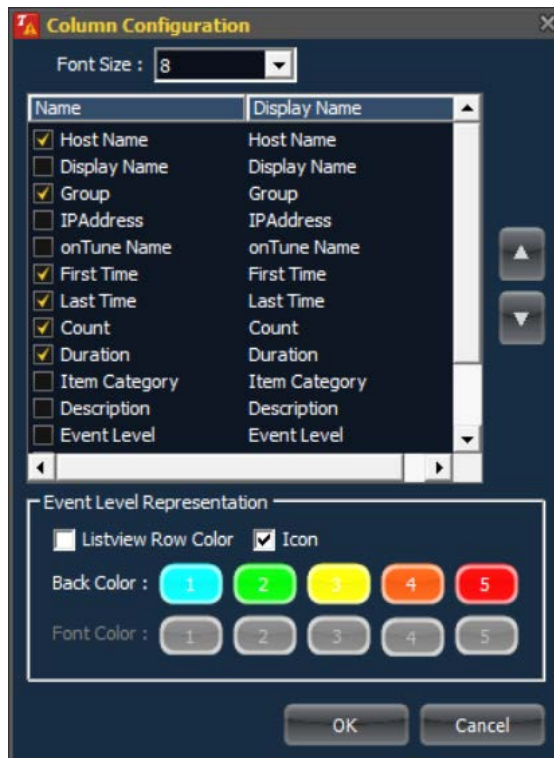
The following window appears:



- **Font Size:** Set the size of fonts.
- **Name:** Default column name of event list.
 - **Host Name:** the name of server(host).
 - **Display Name:** user defined name of the column to present on the screen.
 - **Group:** the name of group which server(host) belongs to.
 - **IP Address:** TP address of the server(host)
 - **onTune Name:** the name of *onTune*. Refer to "2.3 Managing the Sessions from *onTune Event Manager* to *onTune Manager*."
 - **First Time:** the first time when this event occurred.
 - **Last Time:** the last time when this event occurred.
 - **Count:** the number of occurring events from the First Time to the Last Time.
 - **Duration:** the elapsed time from the First Time.
 - **Item Category:** the category name where event belongs.
 - **Description:** description of event.
 - **Event Level:** the critical level of event. You may define a number from 1 to 5, where 5 is the most critical.
 - **Ack:** whether user acknowledges or not. Refer to "3.2 Indicating and Controlling Event Information."
 - **EventID:** identifier of the event.
- **Display Name:** the alias name of server(host) defined via *onTune Admin*. Refer to "6.2.1.1 Alias Server(Host) Name – The Display Name" in "*onTune Version4.1 Admin User Guide*."
- **Event Level Representation:** shows how to present each row.
 - **Listview Row Color:** use colors for texts of each row.
 - **Icon:** only show icon with color in front of each row.
 - **Back Color:** the background color for texts or icon.
 - **Font Color:** the font color for texts. This is only available when **Listview Row Color** is checked.

If a column name is not checked, then that column will not be shown in the

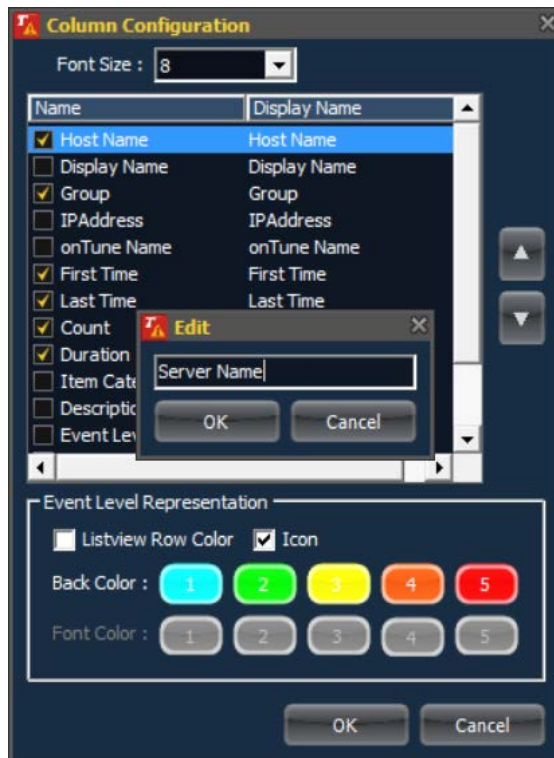
event list window.



For example, as defined above - the Display Name; IP address; onTune Name; Item Category; Description; and Event Level will not be shown in the event list below:

Real Time									
All Events (70) Quick Filter									
Host Name	Group	First Time	Last Time	Count	Duration	Item Name	Ack	EventID	
BPKBID		2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1902	
CentOS47-64Bit		2015-01-19 00:39:00	2015-01-19 12:09:00	691	11:36:39	cpu	N	1910	
CentOS62-X86-64	ETC	2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1905	
CentOS64Bit	ETC	2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1906	
JAHEON-7		2015-02-06 16:50:52	2015-02-06 17:54:00	60	01:03:33	filesystem	N	3	
JAHEON-7		2015-02-06 17:54:21	2015-02-06 17:54:25	3	00:00:04	cpu	N	1	
JAHEON-7		2015-02-06 16:50:52	2015-02-06 17:54:00	60	01:03:33	filesystem	N	4	
OraSol10x86	ETC	2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1901	
T2000-hao		2015-01-15 14:46:25	2015-01-19 12:11:36	522	3 Days 21:29:14	ping	N	1968	
T2000-test		2015-01-15 14:46:55	2015-01-19 12:10:26	522	3 Days 21:28:44	ping	N	1969	
TEEMSTONE-DEV		2015-02-06 16:51:00	2015-02-06 17:54:00	60	01:03:25	filesystem	N	5	
TEEMSTONE-DEV		2015-02-06 17:54:15	2015-02-06 17:54:25	6	00:00:10	cpu	N	2	
TEEMSTONE-DEV		2015-02-06 16:51:00	2015-02-06 17:54:00	60	01:03:25	filesystem	N	7	
TEEMSTONE-DEV		2015-02-06 16:51:00	2015-02-06 17:54:00	60	01:03:25	filesystem	N	6	
TEEMSTONE-SB	Management	2015-01-12 18:23:00	2015-01-19 12:02:00	160	6 Days 17:52:39	filesystem	N	1951	
TEEMSTONE-SB	Management	2015-01-19 11:32:00	2015-01-19 12:15:00	44	00:43:39	cpu	N	1903	
TEEMSTONE-SB	Management	2015-01-09 16:09:23	2015-01-19 12:11:16	1329	9 Days 20:06:16	ping	N	1941	
UPISDB		2015-01-09 16:09:07	2015-01-19 12:06:01	1338	9 Days 20:06:32	ping	N	1930	
UPISDB		2014-10-28 16:06:24	2014-11-25 17:49:20	1727	82 Days 20:09:15	ping	N	2069	
VCENTER510	Management	2015-01-19 11:38:00	2015-01-19 12:15:00	33	00:37:39	cpu	N	1974	
VCENTER510	Management	2015-01-19 11:31:00	2015-01-19 11:31:00	1	00:44:39	filesystem	N	1975	
VCENTERSVR	Management	2015-01-15 03:45:00	2015-01-19 12:15:00	6266	4 Days 08:30:39	cpu	N	1904	
VCENTERSVR	Management	2015-01-09 16:09:00	2015-01-19 12:01:00	233	9 Days 20:06:39	filesystem	N	1917	
VIOS1	Management	2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1916	
VIOS1	Management	2015-01-09 16:09:00	2015-01-19 11:52:00	233	9 Days 20:06:39	filesystem	N	1925	
WIN2003ENG-RO...		2015-01-09 16:09:24	2015-01-19 12:06:11	1329	9 Days 20:06:15	ping	N	1943	
WIN2K8-HYPERV	Management	2015-01-14 00:58:00	2015-01-19 12:15:00	7873	5 Days 11:17:39	cpu	N	1911	

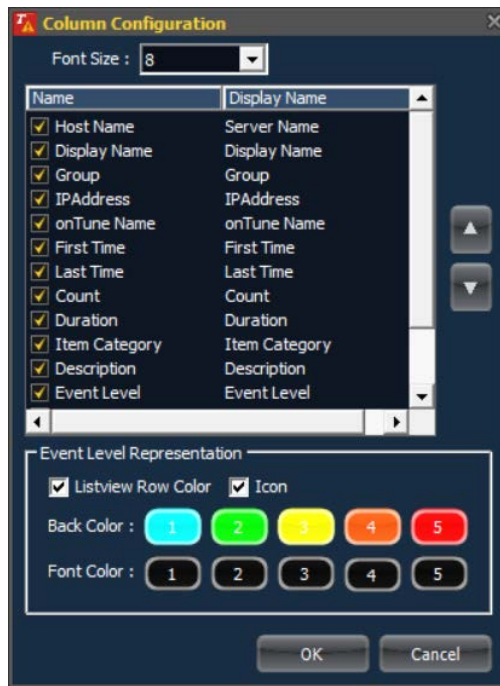
To change the column name display, double-click on the column name, and the **Edit** window appears:



If you change the column name from "Host Name" to "Server Name" as above, the result is as follows below - "Server Name" is used instead of "Host Name."

Real Time									
All Events (70) Quick Filter									
Server Name	Group	First Time	Last Time	Count	Duration	Item Name	Ack	EventID	
BPKID		2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1902	
CentOS47-64Bit		2015-01-19 00:39:00	2015-01-19 12:09:00	691	11:36:39	cpu	N	1910	
CentOS62-X86-64	ETC	2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1905	
CentOS64Bit	ETC	2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1906	
JAHEON-7		2015-02-06 16:50:52	2015-02-06 17:54:00	60	01:03:33	filesystem	N	3	
JAHEON-7		2015-02-06 17:54:21	2015-02-06 17:54:25	3	00:00:04	cpu	N	1	
JAHEON-7		2015-02-06 16:50:52	2015-02-06 17:54:00	60	01:03:33	filesystem	N	4	
OraSol10x86	ETC	2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1901	
T2000-haeo		2015-01-15 14:46:25	2015-01-19 12:11:36	522	3 Days 21:29:14	ping	N	1968	
T2000-test		2015-01-15 14:46:55	2015-01-19 12:10:26	522	3 Days 21:28:44	ping	N	1969	
TEEMSTONE-DEV		2015-02-06 16:51:00	2015-02-06 17:54:00	60	01:03:25	filesystem	N	5	
TEEMSTONE-DEV		2015-02-06 17:54:15	2015-02-06 17:54:25	6	00:00:10	cpu	N	2	
TEEMSTONE-DEV		2015-02-06 16:51:00	2015-02-06 17:54:00	60	01:03:25	filesystem	N	7	
TEEMSTONE-DEV		2015-02-06 16:51:00	2015-02-06 17:54:00	60	01:03:25	filesystem	N	6	
TEEMSTONE-SB	Management	2015-01-12 18:23:00	2015-01-19 12:02:00	160	6 Days 17:52:39	filesystem	N	1951	
TEEMSTONE-SB	Management	2015-01-19 11:32:00	2015-01-19 12:15:00	44	00:43:39	cpu	N	1903	
TEEMSTONE-SB	Management	2015-01-09 16:09:23	2015-01-19 12:11:16	1329	9 Days 20:06:16	ping	N	1941	
UPISDB		2015-01-09 16:09:07	2015-01-19 12:06:01	1338	9 Days 20:06:32	ping	N	1930	
UPISDB		2014-10-28 16:06:24	2014-11-25 17:49:20	1727	82 Days 20:09:15	ping	N	2069	
VCENTER510	Management	2015-01-19 11:38:00	2015-01-19 12:15:00	33	00:37:39	cpu	N	1974	
VCENTER510	Management	2015-01-19 11:31:00	2015-01-19 11:31:00	1	00:44:39	filesystem	N	1975	
VCENTERSVR	Management	2015-01-15 03:45:00	2015-01-19 12:15:00	6266	4 Days 08:30:39	cpu	N	1904	
VCENTERSVR	Management	2015-01-09 16:09:00	2015-01-19 12:01:00	233	9 Days 20:06:39	filesystem	N	1917	
VIOS1	Management	2015-01-09 16:09:00	2015-01-19 12:09:00	14161	9 Days 20:06:39	cpu	N	1916	
VIOS1	Management	2015-01-09 16:09:00	2015-01-19 11:52:00	233	9 Days 20:06:39	filesystem	N	1925	
WIN2003ENG-RO...		2015-01-09 16:09:24	2015-01-19 12:06:11	1329	9 Days 20:06:15	ping	N	1943	
WIN2K8-HYPERV	Management	2015-01-14 00:58:00	2015-01-19 12:15:00	7873	5 Days 11:17:39	cpu	N	1911	

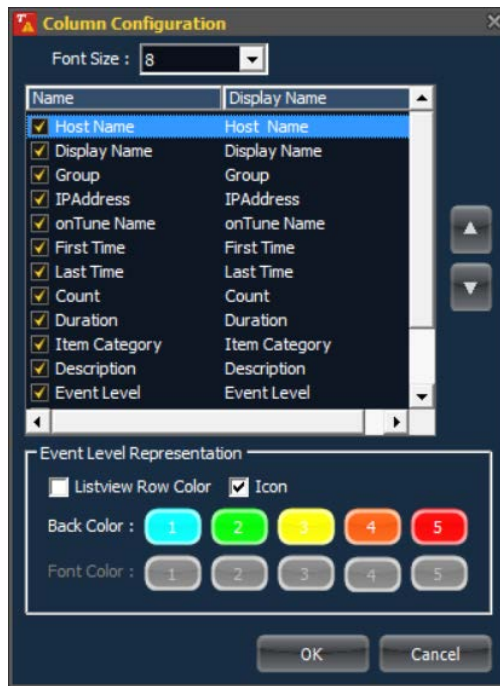
When Listview color is checked, all the rows will be displayed with the defined colors.



If defined as above, the result is as below;

Real Time						
All Events (70) Quick Filter						
Server Name	Display Name	Group	IP Address	onTune Name	First Time	Last Time
BPKBID			192.168.0.148	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00
CentOS47-64bit			192.168.0.105	ontune7	2015-01-19 00:39:00	2015-01-19 12:09:00
CentOS62-X86-64		ETC	192.168.0.111	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00
CentOS64bit		ETC	192.168.0.55	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00
JAHEON-7			192.168.0.8	ontune6	2015-02-06 16:50:52	2015-02-06 17:54:00
JAHEON-7			192.168.0.8	ontune6	2015-02-06 17:54:21	2015-02-06 17:54:25
JAHEON-7			192.168.0.8	ontune6	2015-02-06 16:50:52	2015-02-06 17:54:00
OraSol10x86		ETC	192.168.0.73	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00
T2000-haao			106.241.17.188	ontune7	2015-01-15 14:46:25	2015-01-19 12:11:36
T2000-test			106.241.17.188	ontune7	2015-01-15 14:46:55	2015-01-19 12:10:26
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00	2015-02-06 17:54:00
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 17:54:15	2015-02-06 17:54:25
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00	2015-02-06 17:54:00
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00	2015-02-06 17:54:00
TEEMSTONE-SB		Management	1.1.1.2	ontune7	2015-01-12 18:23:00	2015-01-19 12:02:00
TEEMSTONE-SB		Management	1.1.1.2	ontune7	2015-01-19 11:32:00	2015-01-19 12:15:00
TEEMSTONE-SB		Management	1.1.1.2	ontune7	2015-01-09 16:09:23	2015-01-19 12:11:16
UPISDB			211.47.145.56	ontune7	2015-01-09 16:09:07	2015-01-19 12:06:01
UPISDB			211.47.145.56	ontune7	2014-10-28 16:06:24	2014-11-25 17:49:20
VCENTER510		Management	192.168.0.81	ontune7	2015-01-19 11:38:00	2015-01-19 12:15:00
VCENTER510		Management	192.168.0.81	ontune7	2015-01-19 11:31:00	2015-01-19 11:31:00
VCENTERSVR		Management	192.168.0.65	ontune7	2015-01-15 03:45:00	2015-01-19 12:15:00
VCENTERSVR		Management	192.168.0.65	ontune7	2015-01-09 16:09:00	2015-01-19 12:01:00
VIOS1		Management	106.241.17.184	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00
VIOS1		Management	106.241.17.184	ontune7	2015-01-09 16:09:00	2015-01-19 11:52:00
WIN2003ENG-RO...			74.90.154.162	ontune7	2015-01-09 16:09:24	2015-01-19 12:06:11

To use icons only to indicate the event level, uncheck Listview color, and check icon, as follows:



It will be displayed as follows:

Real Time							
All Events (70) Quick Filter							
Host Name	Display Name	Group	IPAddress	onTune Name	First Time	Last Time	
BPKBID			192.168.0.148	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00	
CentOS47-64Bit			192.168.0.105	ontune7	2015-01-19 00:39:00	2015-01-19 12:09:00	
CentOS62-x86-64		ETC	192.168.0.111	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00	
CentOS64Bit		ETC	192.168.0.55	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00	
JAHEON-7			192.168.0.8	ontune6	2015-02-06 16:50:52	2015-02-06 17:54:00	
JAHEON-7			192.168.0.8	ontune6	2015-02-06 17:54:21	2015-02-06 17:54:25	
JAHEON-7			192.168.0.8	ontune6	2015-02-06 16:50:52	2015-02-06 17:54:00	
OraSol10x86		ETC	192.168.0.73	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00	
T2000-haao			106.241.17.188	ontune7	2015-01-15 14:46:25	2015-01-19 12:11:36	
T2000-test			106.241.17.188	ontune7	2015-01-15 14:46:55	2015-01-19 12:10:26	
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00	2015-02-06 17:54:00	
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 17:54:15	2015-02-06 17:54:25	
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00	2015-02-06 17:54:00	
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00	2015-02-06 17:54:00	
TEEMSTONE-SB		Management	1.1.1.2	ontune7	2015-01-12 18:23:00	2015-01-19 12:02:00	
TEEMSTONE-SB		Management	1.1.1.2	ontune7	2015-01-19 11:32:00	2015-01-19 12:15:00	
TEEMSTONE-SB		Management	1.1.1.2	ontune7	2015-01-09 16:09:23	2015-01-19 12:11:16	
UPISDB			211.47.145.56	ontune7	2015-01-09 16:09:07	2015-01-19 12:06:01	
UPISDB			211.47.145.56	ontune7	2014-10-28 16:06:24	2014-11-25 17:49:20	
VCENTER510		Management	192.168.0.81	ontune7	2015-01-19 11:38:00	2015-01-19 12:15:00	
VCENTER510		Management	192.168.0.81	ontune7	2015-01-19 11:31:00	2015-01-19 11:31:00	
VCENTERSVR		Management	192.168.0.65	ontune7	2015-01-15 03:45:00	2015-01-19 12:15:00	
VCENTERSVR		Management	192.168.0.65	ontune7	2015-01-09 16:09:00	2015-01-19 12:01:00	
VIOS1		Management	106.241.17.184	ontune7	2015-01-09 16:09:00	2015-01-19 12:09:00	
VIOS1		Management	106.241.17.184	ontune7	2015-01-09 16:09:00	2015-01-19 11:52:00	
WIN2003ENG-RO...			74.90.154.162	ontune7	2015-01-09 16:09:24	2015-01-19 12:06:11	

3.2 Indicating and Controlling Event Information

The User may control the list of events in area ⑥.

The screenshot displays the onTune EventViewer v4.1.5.15 interface. It features a top toolbar with icons for search, filter, and navigation. A dropdown menu for 'Host Group' is set to 'Hysac'. The main area shows a list of events with columns for Host Name, Display Name, Group, IP Address, onTune Name, First Time, Last Time, Count, Duration, Item Category, and Description. A sidebar on the left contains a 'Filter Info' section with checkboxes for 'Match Text' and 'Case Sensitive', and a tree view for 'Grouped Host' showing 'Hysac' and 'Groupware'. At the bottom, there are sections for 'Statistics' (a table with levels 1-5 and a sum), 'Signal' (a table with categories like HP, Linux, AIX, Solaris, Windows), and 'Event Manager Information' (showing host details and connection status).

Level 1	Level 2	Level 3	Level 4	Level 5	Sum	
Performance	0	4	0	2	3	9
Process	1	0	1	0	0	2
Log	0	0	0	0	7	7
Filesystem	0	0	0	1	2	3
Ping	0	0	0	0	1	1
PortScan	0	0	0	0	0	0
Sum	1	4	1	3	13	22

3.2.1 Presenting Group Information

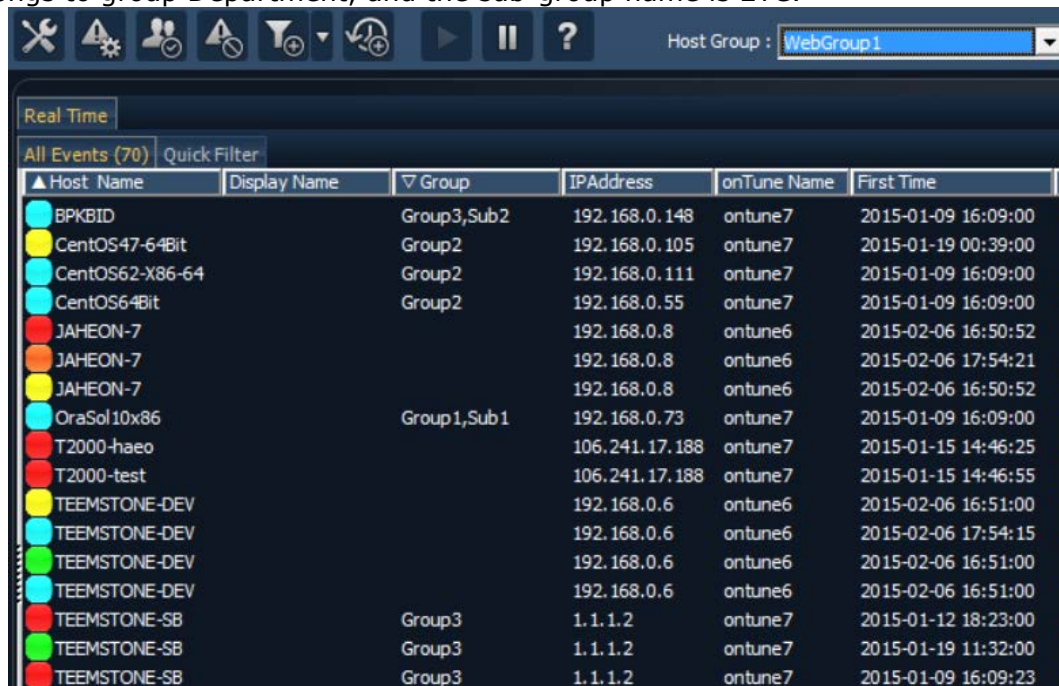
The group name displayed in event list is dependent upon which group name is selected in Host Group selection list ③.

The screenshot shows the onTune EventViewer v4.1.5.15 interface with the 'Host Group' dropdown set to 'Department'. The event list displays columns for Host Name, Display Name, Group, IP Address, onTune Name, First Time, and Last Time. The 'Group' column shows sub-groups like 'ETC', 'Management', and 'Hysac'. The 'Host Name' column shows various hosts like 'BPKBID', 'CentOS47-64Bit', 'CentOS62-X86-64', 'CentOS64Bit', 'JAHEON-7', 'OraSol10x86', 'T2000-haao', 'T2000-test', 'TEEMSTONE-DEV', 'TEEMSTONE-SB', and 'VIRGIDR'.

Host Name	Display Name	Group	IP Address	onTune Name	First Time	Last Time
BPKBID			192.168.0.148	ontune7	2015-01-09 16:09:00	2015-01-09 16:09:00
CentOS47-64Bit			192.168.0.105	ontune7	2015-01-19 00:39:00	2015-01-19 00:39:00
CentOS62-X86-64		ETC	192.168.0.111	ontune7	2015-01-09 16:09:00	2015-01-09 16:09:00
CentOS64Bit		ETC	192.168.0.55	ontune7	2015-01-09 16:09:00	2015-01-09 16:09:00
JAHEON-7			192.168.0.8	ontune6	2015-02-06 16:50:52	2015-02-06 16:50:52
JAHEON-7			192.168.0.8	ontune6	2015-02-06 17:54:21	2015-02-06 17:54:21
JAHEON-7			192.168.0.8	ontune6	2015-02-06 16:50:52	2015-02-06 16:50:52
OraSol10x86		ETC	192.168.0.73	ontune7	2015-01-09 16:09:00	2015-01-09 16:09:00
T2000-haao			106.241.17.188	ontune7	2015-01-15 14:46:25	2015-01-15 14:46:25
T2000-test			106.241.17.188	ontune7	2015-01-15 14:46:55	2015-01-15 14:46:55
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00	2015-02-06 16:51:00
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 17:54:15	2015-02-06 17:54:15
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00	2015-02-06 16:51:00
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00	2015-02-06 16:51:00
TEEMSTONE-SB		Management	1.1.1.2	ontune7	2015-01-12 18:23:00	2015-01-12 18:23:00
TEEMSTONE-SB		Management	1.1.1.2	ontune7	2015-01-19 11:32:00	2015-01-19 11:32:00
TEEMSTONE-SB		Management	1.1.1.2	ontune7	2015-01-09 16:09:23	2015-01-09 16:09:23
VIRGIDR			192.168.0.1	ontune7	2015-01-09 16:09:00	2015-01-09 16:09:00

For example, in the above window, Department group is selected. In the event list window, the group name in the Group column denotes the sub-groups of Department group where server(host) belongs. Empty cell(s) means this

server(host) does not belong to group Department. Server CentOS62x86-64 belongs to group Department, and the sub-group name is ETC.




Host Name	Display Name	Group	IPAddress	onTune Name	First Time
BPKBID		Group3,Sub2	192.168.0.148	ontune7	2015-01-09 16:09:00
CentOS47-64Bit		Group2	192.168.0.105	ontune7	2015-01-19 00:39:00
CentOS62-X86-64		Group2	192.168.0.111	ontune7	2015-01-09 16:09:00
CentOS64Bit		Group2	192.168.0.55	ontune7	2015-01-09 16:09:00
JAHEON-7			192.168.0.8	ontune6	2015-02-06 16:50:52
JAHEON-7			192.168.0.8	ontune6	2015-02-06 17:54:21
JAHEON-7			192.168.0.8	ontune6	2015-02-06 16:50:52
OraSol10x86		Group1,Sub1	192.168.0.73	ontune7	2015-01-09 16:09:00
T2000-hao			106.241.17.188	ontune7	2015-01-15 14:46:25
T2000-test			106.241.17.188	ontune7	2015-01-15 14:46:55
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 17:54:15
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00
TEEMSTONE-DEV			192.168.0.6	ontune6	2015-02-06 16:51:00
TEEMSTONE-SB		Group3	1.1.1.2	ontune7	2015-01-12 18:23:00
TEEMSTONE-SB		Group3	1.1.1.2	ontune7	2015-01-19 11:32:00
TEEMSTONE-SB		Group3	1.1.1.2	ontune7	2015-01-09 16:09:23

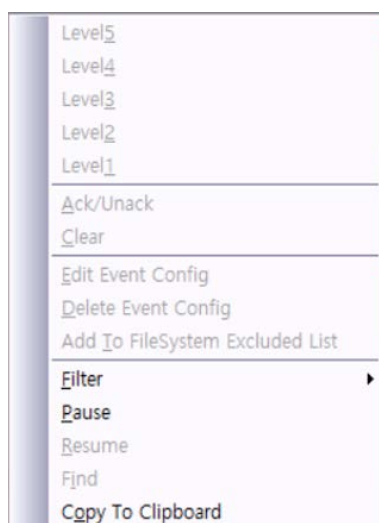
Server CentOS62x86-64 belongs to group WebGroup1 and the sub-group name is Group2 in the window above.


3.2.2 Pausing and Resuming Screen Update

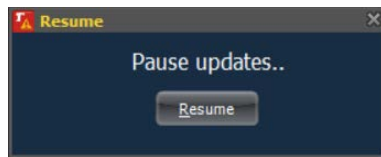



onTune Event Viewer always maintain the latest information in the window. However, the user may need to pause updates in order to change event status, or other operations.

To pause screen update, click on the **pause update icon** , or mouse over the event list window, right click, then select **Pause** from the menu.



The **Resume update icon**  is activated in the screen update pause state, and an information window appears in the center of the window.

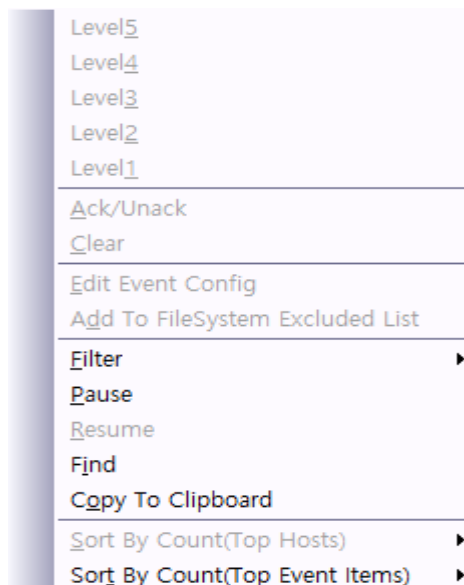


To resume update, click the **Resume update icon** , or click **Resume** button in the Pause updates information window above.

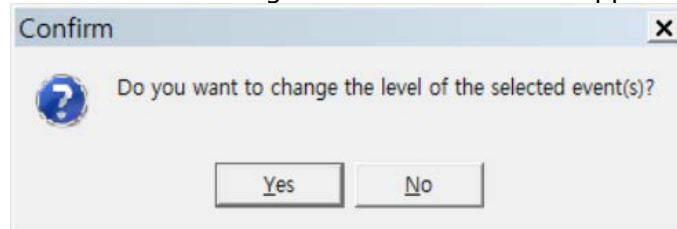
3.2.3 Changing the State of Event

In order to control the state of event, you must pause screen update. Refer to "3.2.2 Pausing and Resuming Screen Update."

Mouse over to the row of the event to change state, right click mouse for the following menu:



- **Level5, Level4, Level3, Level2, Level1:** to change the critical level of the event. The following confirmation window appears :



- Click OK to change critical level of event.
- Click No to cancel.
- **Ack/Unack:** Toggle the state of acknowledgement from Yes to No
- **Clear:** Change the state of event from unclear to clear.
- **Edit Event Config:** Change the conditions which detected this event. Refer to "5. Setting Event Conditions."
- **Delete Event Config:** Delete the conditions which detected this event.

Refer to "5. Setting Event Conditions."

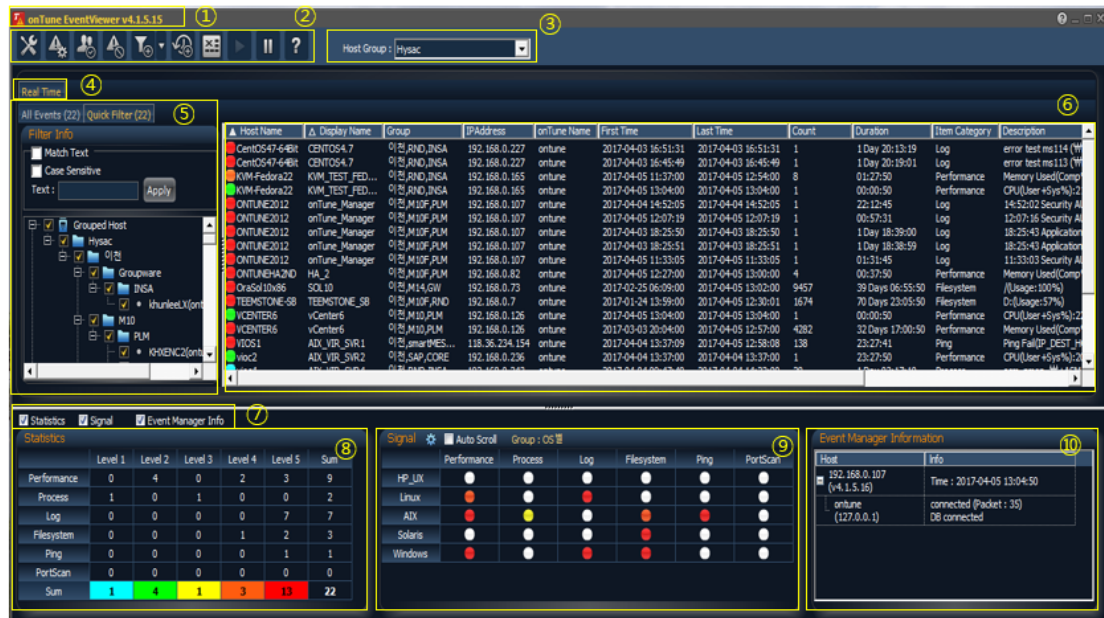
- **Add to Filesystem Excluded List:** Add this file system name to the list of Filesystem excluded list.
- **Filter**
 - **Add:** Add a filtered list tab. Refer to "3.6.1 Creating a Filtered List Tab."
 - **Configuration:** Edit the filtered list tab. Refer to "3.6.2 Modifying the Filtered List Tab Condition."
- **Resume:** Resume screen updates.
- **Find:** Find events which have specified text string. The following window appears:



- **Find:** Input the text string as the key to find.
 - **Find from first:** Find from the first row.
 - **Case sensitive:** Case Sensitive.
 - **Direction:** Set the direction to find.
 - ◆ **Forward:** Find forward from current position.
 - ◆ **Backward:** Find backward from current position.
 - **Find:** Start to find.
 - **Cancel:** Cancel.
- **Copy to Clipboard:** Copy the event list to clipboard.
 - **Sort by Count(Top Hosts):** Arrange Host according to event occurrence
 - **Sort by Event (Top Event):** Arrange Event according to event occurrence.
 -

3.3 Event Summary and Connection Information Controls

User may control the event summary table ⑧; signal lamps ⑨; and the *Event Manager* Connection information window ⑩.



Set the visibility of each window from control area ⑦.



- **Statistics:** Set visibility of event summary table ⑧.
- **Signal:** Set visibility of event signal lamps ⑨.
- **Event Manager Info:** Set the visibility of *Event Manager* connection information window ⑩.

Check event summary table visible; signal lamps visible; *Event Manager* connection window visible.



Check event summary table invisible; signal lamps visible; *Event Manager* connection window visible.



Check event summary table visible; signal lamps invisible; *Event Manager* connection window visible.



Check event summary table visible; signal lamps visible; *Event Manager* connection window invisible.



Check event summary table visible; signal lamps invisible; *Event Manager* connection window invisible.



Check event summary table invisible; signal lamps visible; *Event Manager* connection window invisible.



Check event summary table invisible; signal lamps invisible; *Event Manager* connection window visible.



Check event summary table invisible; signal lamps invisible; *Event Manager* connection window invisible.

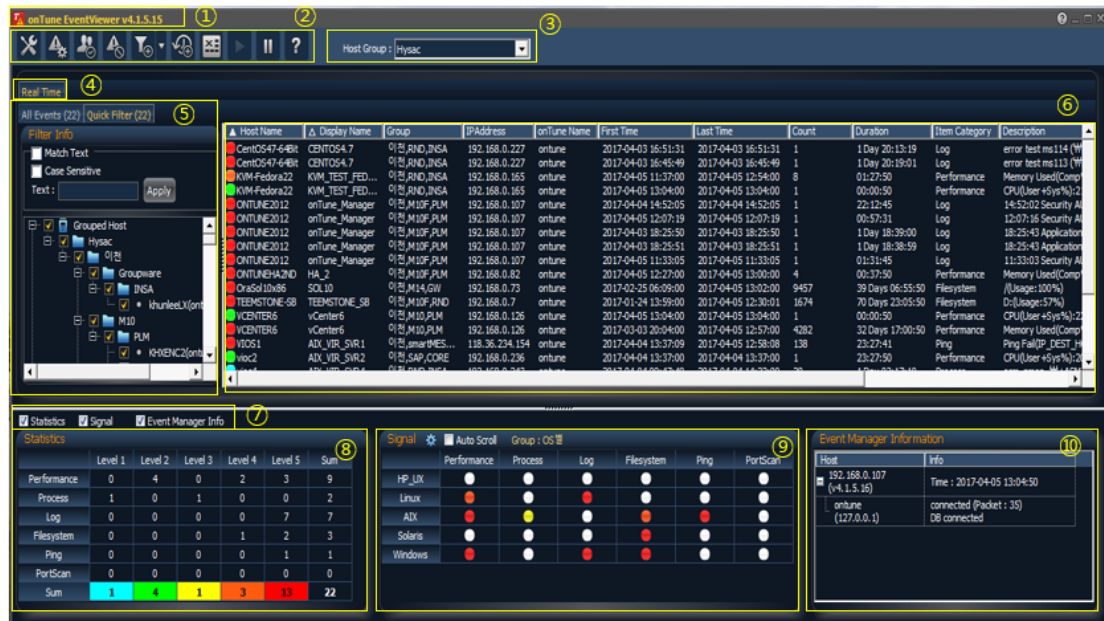


Default: everything visible.



3.3.1 Summary of Events

onTune Event shows the summary of event that are not cleared in window ⑧.



The summary statistics are calculated from the list in the window.

Statistics	Level 1	Level 2	Level 3	Level 4	Level 5	Sum
Performance	16	2	1	0	0	19
Process	1	0	0	0	0	1
Log	0	0	0	0	0	0
Filesystem	0	0	0	15	3	18
Ping	0	0	0	0	23	23
PortScan	0	0	0	0	0	0
Sum	17	2	1	15	26	61

3.3.2 Managing Event Signal Lamps

Window ⑨ below is the event signal lamp window:

The screenshot shows the onTune EventViewer v4.1.5.15 interface. The main window displays a list of events with columns: Host Name, Display Name, Group, IP Address, onTune Name, First Time, Last Time, Count, Duration, Item Category, and Description. A filter panel on the left allows for matching text and case sensitivity. A statistics table at the bottom shows event counts across five levels for various categories like Performance, Process, Log, Filesystem, Ping, and PortScan. A signal lamp table on the right displays the status of these categories for different hosts.

Category	Level 1	Level 2	Level 3	Level 4	Level 5	Sum
Performance	0	4	0	2	3	9
Process	1	0	1	0	0	2
Log	0	0	0	0	7	7
Filesystem	0	0	0	1	2	3
Ping	0	0	0	0	1	1
PortScan	0	0	0	0	0	0
Sum	1	4	1	3	13	22

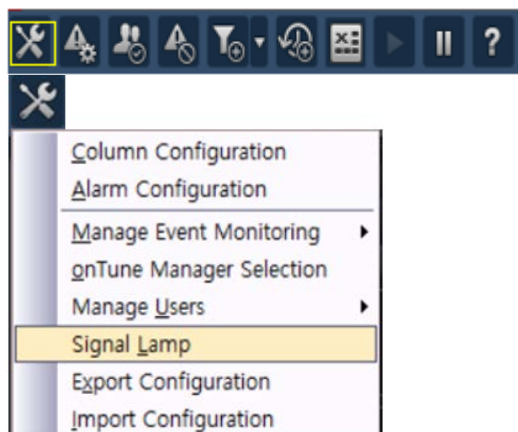
Signal Group : Department

	Performance	Process	Log	Filesystem	Ping	PortScan
DB						
ETC						
Management						
WAS						

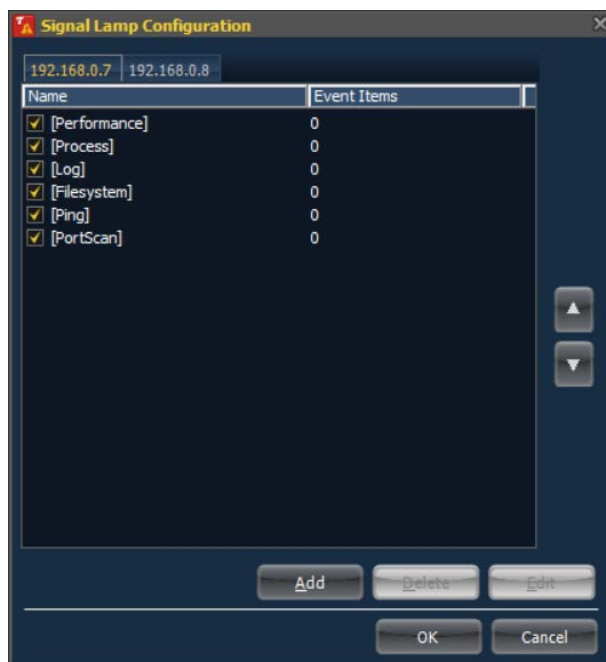
This table shows the highest level of events uncleared for each category. A White lamp means no event of that level remains uncleared.

3.3.2.1 Managing Event Categories in Signal Lamp Table

Click the home menu icon and select **Signal Lamp** menu.

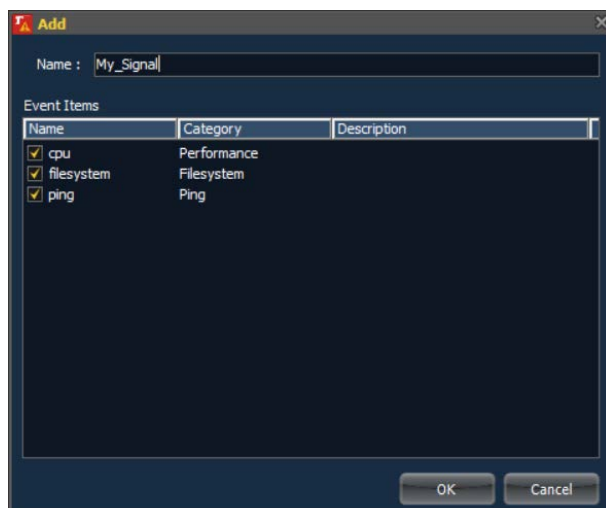


The following window appears:



- **IP Address Tab:** denotes the Event Manager that is the source of the event information.
- **Check box:** the event category will be displayed if checked.
- **Name:** the category of the events.
- Click **Add** to add a new user defined category to display.
- Click **Delete** to delete selected category. (*onTune's* basic 6 categories, Performance, Process, Log, Filesystem, Ping, and Portscan cannot be removed.)
- Click **Edit** to edit category information. (*onTune's* basic 6 categories, Performance, Process, Log, Filesystem, Ping, and Portscan are unmodifiable.)
- Click **OK** to save.
- Click **Cancel** to cancel.

Click **Add** to add new user defined category:



- **Name:** the name of the new user defined category.
- **Check Box:** add each category to the user defined category if checked.

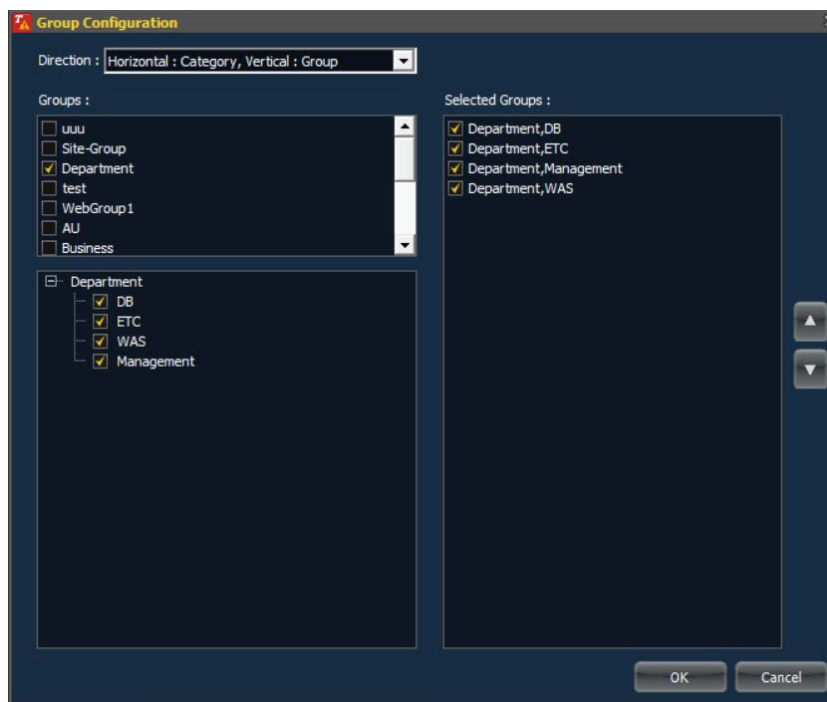
Adding a new user defined category as above, you will find **My_Signal** category as follows:

	Performance	Process	Log	Filesystem	Ping	PortScan	My_Signal
DB	Green	White	White	Red	Red	White	White
ETC	Yellow	White	White	Red	Red	White	White
Management	Green	White	White	Red	Red	White	White
WAS	Green	White	White	Red	White	White	White

3.3.2.2 Managing Rows and Columns of Signal Lamp Table

The user may modify the rows columns of event signal lamp table. Click settings icon in the event signal lamp table to include or exclude categories and groups in rows or columns. The user may also set auto-scrolling by checking Auto Scroll.

When you click the settings icon , the row and column configuration window is displayed:



- **Direction:** Set categories and group direction, row or column.
- **Group:** Define the groups included on the table. If a group is selected, the name of group will be displayed at the top of the table. If more than 2 groups are selected, the number of groups will be displayed.
- **Check Box:** the group will be included if checked.
- Click **OK** to apply.

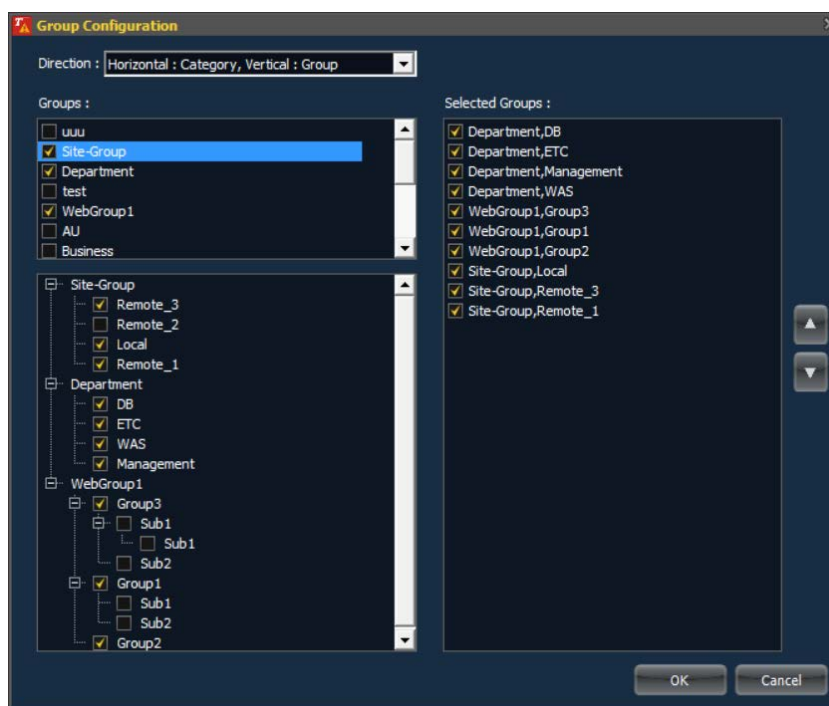
- Click **Cancel** to cancel.

With the definition above, the table below will be shown:



Signal	Performance	Process	Log	Filesystem	Ping	PortScan	My_Signal
DB	●	●	●	●	●	●	●
ETC	●	●	●	●	●	●	●
Management	●	●	●	●	●	●	●
WAS	●	●	●	●	●	●	●

When multiple groups are selected as follows:

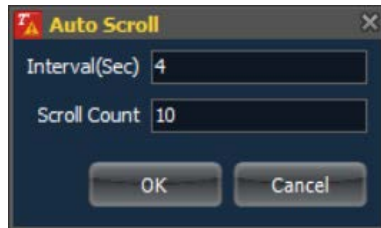


The table shown is as follows:



Signal	Performance	Process	Log	Filesystem	Ping	PortScan	My_Signal
Department,DB	●	●	●	●	●	●	●
Department,ET	●	●	●	●	●	●	●
Department,Ma	●	●	●	●	●	●	●
Department,W	●	●	●	●	●	●	●
WebGroup 1,Gr	●	●	●	●	●	●	●
WebGroup 1,Gr	●	●	●	●	●	●	●
WebGroup 1,Gr	●	●	●	●	●	●	●

When scroll bar is displayed, you may select the auto scrolling option. Check Auto Scroll for the scrolling settings window to display:

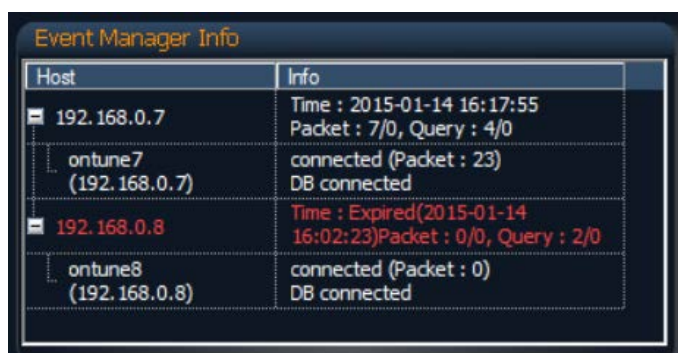
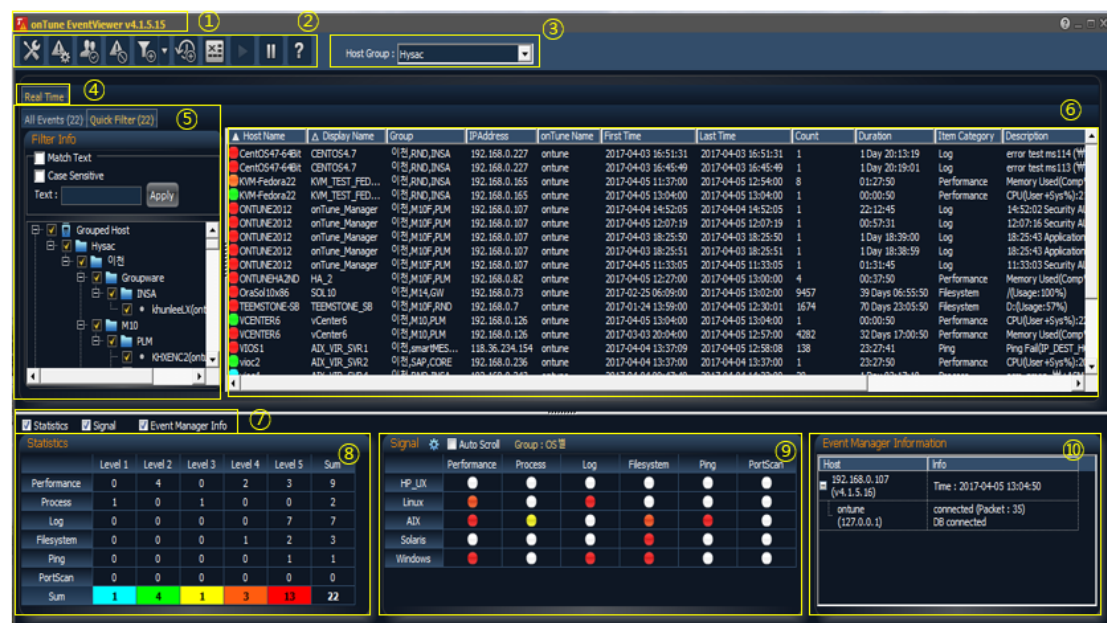


- **Interval:** Scrolling time interval in seconds.
- **Scroll Count:** Define how many rows move at each interval.
- Click **OK** to apply.
- Click **Cancel** to cancel.

3.3.3 Information of Sessions to Connect Event Manager

The information of sessions to connect to Event Manager is displayed in area


⑩.

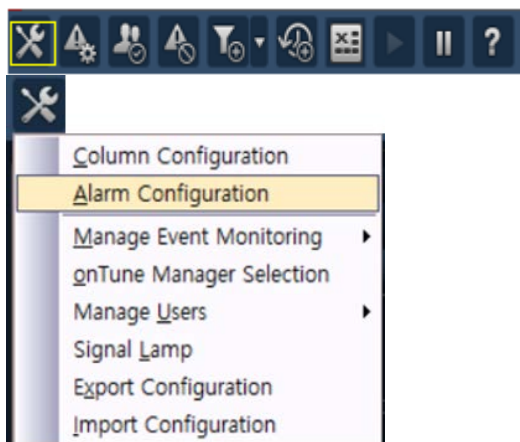


- **Host:** The servers(hosts) where *onTune Event Manager* or *onTune Manager* run. The roots of each tree are *onTune Event Managers* and second branches of each tree are *onTune Managers*.
- **Info:** The state of connection - White for normal, red for abnormal.
 - **Time:** The last connecting or disconnecting time.
 - **Packet:** The number of packets to transfer.

- **Query:** The state of database queries.

3.4 Defining Event Notification Method

onTune Event notifies you when an event occurs via a popup window and/or sound. To select the method, click the home menu icon , and choose **Alarm Configuration**.



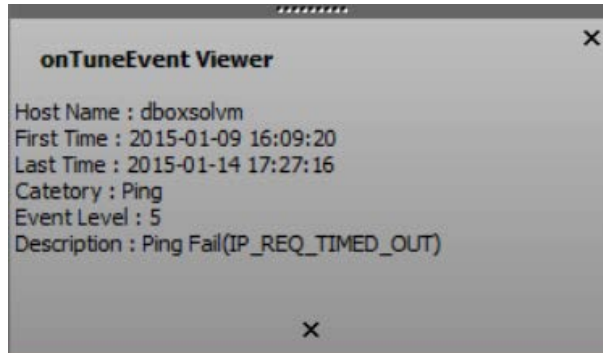
The Alarm Configuration window appears:



- **Voice:** Notify by sound.
- **Popup Window:** Notify by pop-up window.
 - **Position:** Set the location of the pop up window.
 - ◆ Left Top
 - ◆ Right Top
 - ◆ Left Bottom
 - ◆ Right Bottom
 - ◆ Center
- **Event Level:** Set the level of events for notification.
- **Category:** Set the categories of events for notification.

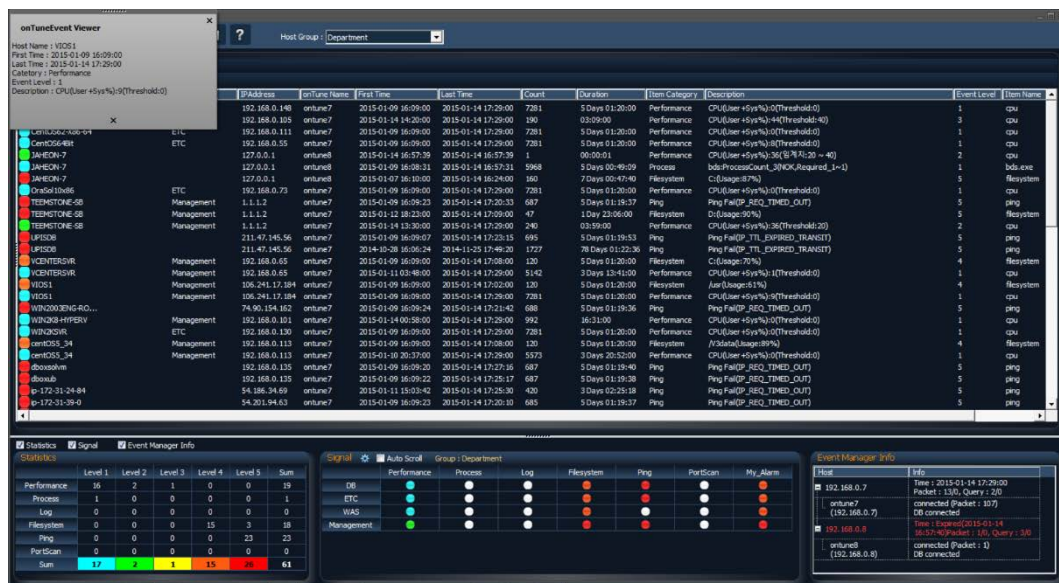
- **Select All:** All levels and categories of events are included.
- **Deselect All:** No event is included.
- Click **OK** to apply.
- Click **Cancel** to cancel.

The pop up window is as follows:

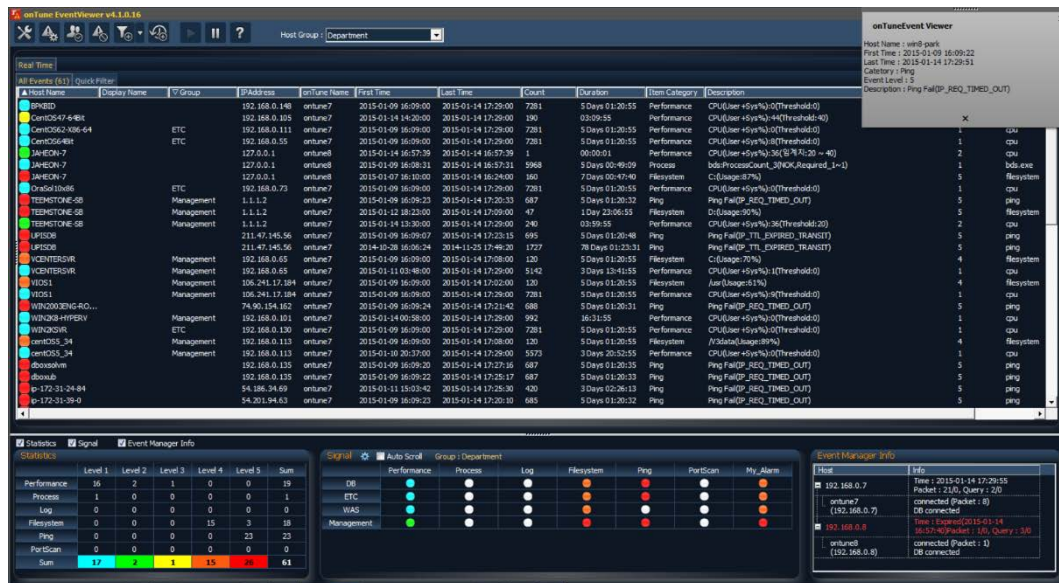


The results of each location setting:

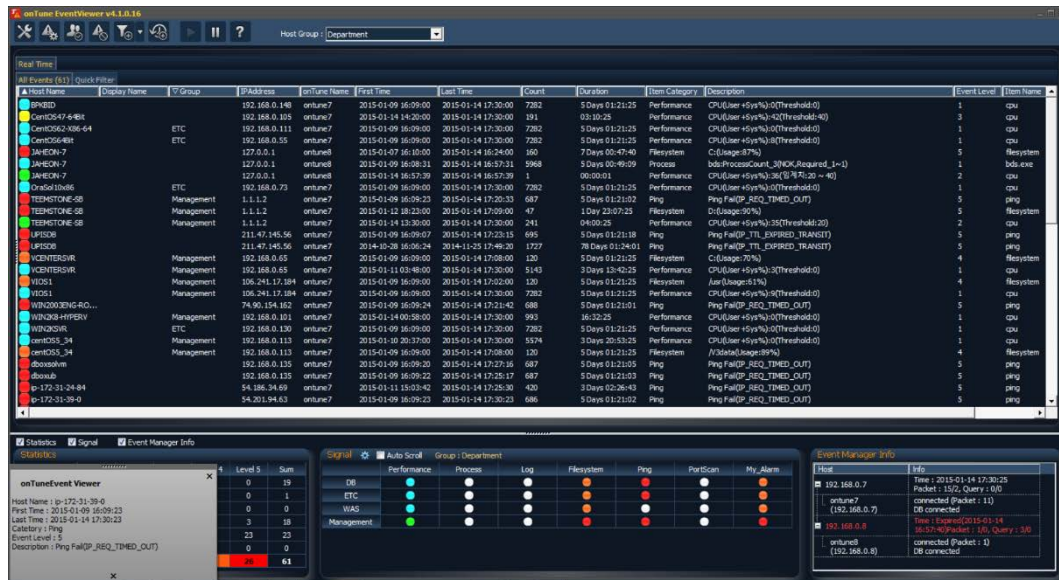
- Left Top below:



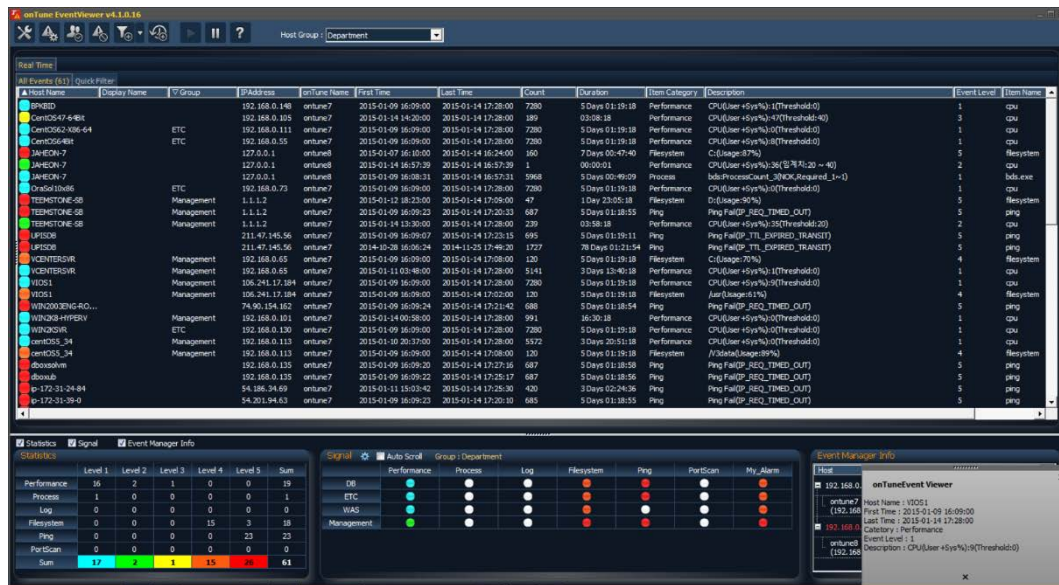
- Right Top below:



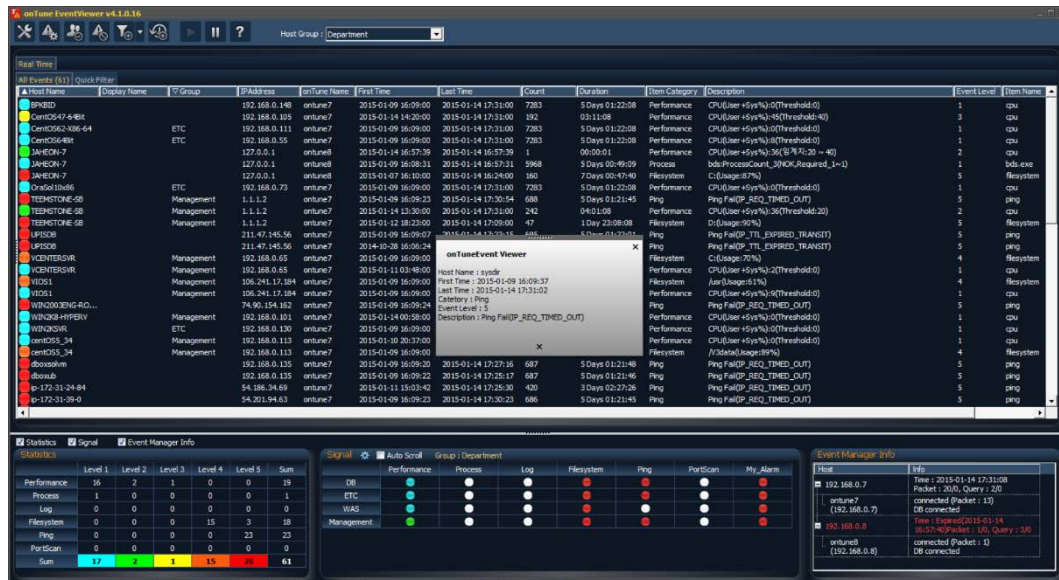
- Left Bottom below:



- Right Bottom below:

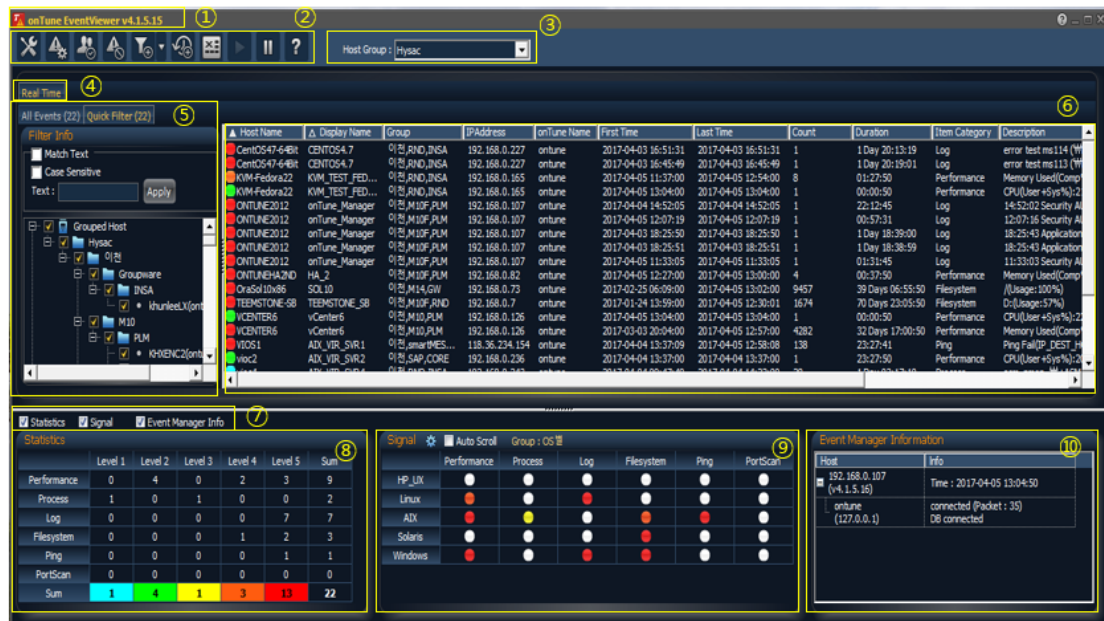



- Center below:



3.5 Creating a List Tab for a Specified Time Period

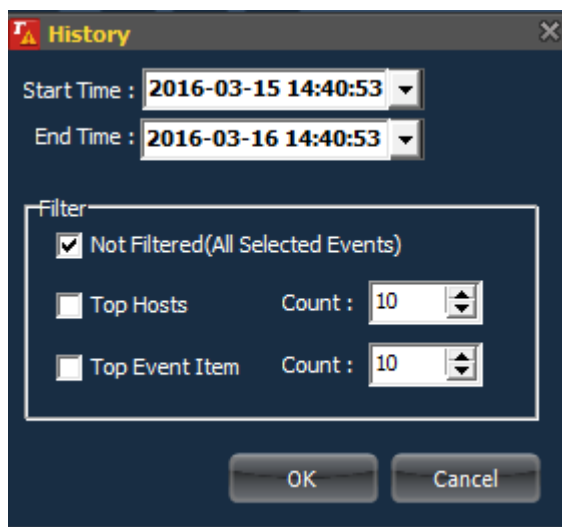
Event Viewer presents the current uncleared event list as default. You may add a new event list tab to show the list of events that have occurred over a specific time period. The Historical list tab will be located in area ④ below.



To create an event list tab for a specific period of time, click the Add History icon .



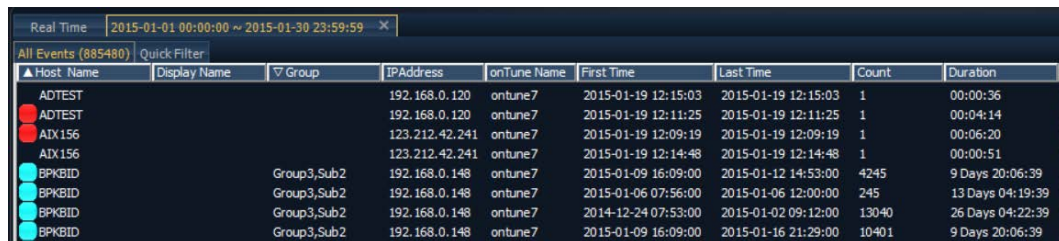
A Time definition window appears:



- **Start Time:** The start time of the history tab in yyyy-mm-dd hh:mm:ss.
- **End Time:** The end time of the history tab in yyyy-mm-dd hh:mm:ss.
- **Not Filtered:** not use filtering function, all event is include.


- **Top Hosts:** display higher number of events occurred Host as much as user defined count
- **Top Event Item:** display higher number of events occurred Event as much as user defined count
-
- Click **OK** to create a new historical event list tab.
- Click **Cancel** to cancel.

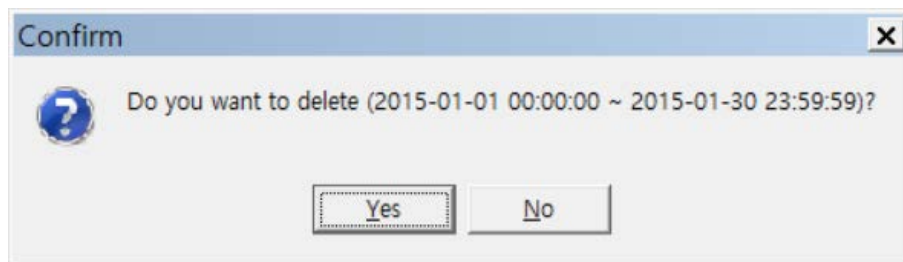
The result of the above selections is as follows:



Host Name	Display Name	Group	IP Address	onTune Name	First Time	Last Time	Count	Duration
ADTEST			192.168.0.120	ontune7	2015-01-19 12:15:03	2015-01-19 12:15:03	1	00:00:36
ADTEST			192.168.0.120	ontune7	2015-01-19 12:11:25	2015-01-19 12:11:25	1	00:04:14
ADX156			123.212.42.241	ontune7	2015-01-19 12:09:19	2015-01-19 12:09:19	1	00:06:20
ADX156			123.212.42.241	ontune7	2015-01-19 12:14:48	2015-01-19 12:14:48	1	00:00:51
BPKBID		Group3,Sub2	192.168.0.148	ontune7	2015-01-09 16:09:00	2015-01-12 14:53:00	4245	9 Days 20:06:39
BPKBID		Group3,Sub2	192.168.0.148	ontune7	2015-01-06 07:56:00	2015-01-06 12:00:00	245	13 Days 04:19:39
BPKBID		Group3,Sub2	192.168.0.148	ontune7	2014-12-24 07:53:00	2015-01-02 09:12:00	13040	26 Days 04:22:39
BPKBID		Group3,Sub2	192.168.0.148	ontune7	2015-01-09 16:09:00	2015-01-16 21:29:00	10401	9 Days 20:06:39

The tabs titles inform you that the first tab shows the current event list, and the second tab contains the list of events that have occurred from 1st Jan. 2015 00:00:00am to 30th Jan. 2015 11:59:59pm.

To delete user-created historical event list tab, click the delete button  of each tab.



- Click **OK** to delete.
- Click **No** to cancel.

3.6 Managing Filtered List Tab

Event Viewer presents the current uncleared event list as default. You may add a new event list tab filtered by specified conditions. The filtered list tab will be located in area ⑥ below.

Host Name	Display Name	Group	IP Address	onTune Name	First Time	Last Time	Count	Duration	Item Category	Description
CENTOS47-64Bit	CENTOS4.7	이진_RND_INSA	192.168.0.227	ontune	2017-04-03 16:51:31	2017-04-03 16:51:31	1	1 Day 20:13:19	Log	error test ms114 (W
CENTOS47-64Bit	CENTOS4.7	이진_RND_INSA	192.168.0.227	ontune	2017-04-03 16:45:49	2017-04-03 16:45:49	1	1 Day 20:19:01	Log	error test ms113 (W
KVM-Fedora22	KVM_TEST_FED...	이진_RND_INSA	192.168.0.165	ontune	2017-04-05 11:37:00	2017-04-05 12:54:00	8	01:27:59	Performance	Memory Used(Comp
KVM-Fedora22	KVM_TEST_FED...	이진_RND_INSA	192.168.0.165	ontune	2017-04-05 13:04:00	2017-04-05 13:04:00	1	00:00:59	Performance	CPU(User+Sys%)>2
ONTUNE2012	ontune_Manager	이진_M10F_PLUM	192.168.0.107	ontune	2017-04-04 14:52:05	2017-04-04 14:52:05	1	22:12:45	Log	14:52:03 Security A
ONTUNE2012	ontune_Manager	이진_M10F_PLUM	192.168.0.107	ontune	2017-04-05 12:07:19	2017-04-05 12:07:19	1	00:57:31	Log	12:07:16 Security A
ONTUNE2012	ontune_Manager	이진_M10F_PLUM	192.168.0.107	ontune	2017-04-03 18:25:50	2017-04-03 18:25:50	1	1 Day 18:39:00	Log	18:25:43 Application
ONTUNE2012	ontune_Manager	이진_M10F_PLUM	192.168.0.107	ontune	2017-04-03 18:25:51	2017-04-03 18:25:51	1	1 Day 18:38:59	Log	18:25:43 Application
ONTUNE2012	ontune_Manager	이진_M10F_PLUM	192.168.0.107	ontune	2017-04-05 11:33:05	2017-04-05 11:33:05	1	01:31:45	Log	11:33:03 Security A
ONTUNEHA2ND	HA_2	이진_M10F_PLUM	192.168.0.82	ontune	2017-04-05 12:27:00	2017-04-05 13:00:00	4	00:37:59	Performance	Memory Used(Comp
Grasol10v68	SOL10	이진_M14_GW	192.168.0.73	ontune	2017-02-25 06:09:00	2017-04-05 13:02:00	9457	39 Days 06:55:50	Filesystem	(Usage:100%)
TEBASTONE-S8	TEBASTONE_S8	이진_M10F_PLUM	192.168.0.7	ontune	2017-01-24 13:59:00	2017-04-05 12:30:01	1674	70 Days 23:05:50	Filesystem	DrUsage:57%)
VCENTER6	vCenter6	이진_M10_PLUM	192.168.0.126	ontune	2017-04-05 13:04:00	2017-04-05 13:04:00	1	00:00:59	Performance	CPU(User+Sys%)>2
VCENTER6	vCenter6	이진_M10_PLUM	192.168.0.126	ontune	2017-03-03 20:04:00	2017-04-05 12:57:00	4262	32 Days 17:00:50	Performance	Memory Used(Comp
VIOS1	ADX_VIR_SVR1	이진_samarMES...	118.36.234.154	ontune	2017-04-04 13:37:09	2017-04-05 12:58:08	138	23:27:41	Ping	Ping Fail(IP_DEST_H
vioc2	ADX_VIR_SVR2	이진_SAP_CORE	192.168.0.236	ontune	2017-04-04 13:37:00	2017-04-04 13:37:00	1	23:27:50	Performance	CPU(User+Sys%)>2

Statistics	Level 1	Level 2	Level 3	Level 4	Level 5	Sum
Performance	0	4	0	2	3	9
Process	1	0	1	0	0	2
Log	0	0	0	0	7	7
Filesystem	0	0	0	1	2	3
Ping	0	0	0	0	1	1
PortScan	0	0	0	0	0	0
Sum	1	4	1	3	13	22

Signal	Performance	Process	Log	Filesystem	Ping	PortScan
HP_LUX	●	●	●	●	●	●
Linux	●	●	●	●	●	●
ADX	●	●	●	●	●	●
Solaris	●	●	●	●	●	●
Windows	●	●	●	●	●	●

Host	Info
192.168.0.107 (v4.1.5.16)	Time : 2017-04-05 13:04:50
ontune (127.0.0.1)	connected (Packet : 35) DB connected

3.6.1 Creating a Filtered List Tab

To create a new filtered list tab, click Add Filter icon .



The following definition window appears:

Add

Name : Description :

Hosts : 0/494 Selected Hosts : 0

Hostname	Display Name	IP Address
<input type="checkbox"/> aix52		211.4
<input type="checkbox"/> arch		106.2
<input type="checkbox"/> ubuntu64		192.1
<input type="checkbox"/> aixtest		211.4
<input type="checkbox"/> ONTUNE2012		192.1
<input type="checkbox"/> bcnode5		128.1
<input type="checkbox"/> haao-test		106.2
<input type="checkbox"/> IBM-Lpar1		128.1
<input type="checkbox"/> TEEMSTON...		1.1.1
<input type="checkbox"/> sjopen2_5		128.1
<input type="checkbox"/> ONTUNEHA...		192.1

☐ Match Text ☐ Case Sensitive Text :

Event Level

- ☒ Level 5
- ☒ Level 4
- ☒ Level 3
- ☒ Level 2
- ☒ Level 1
- ☒ Clear

Category

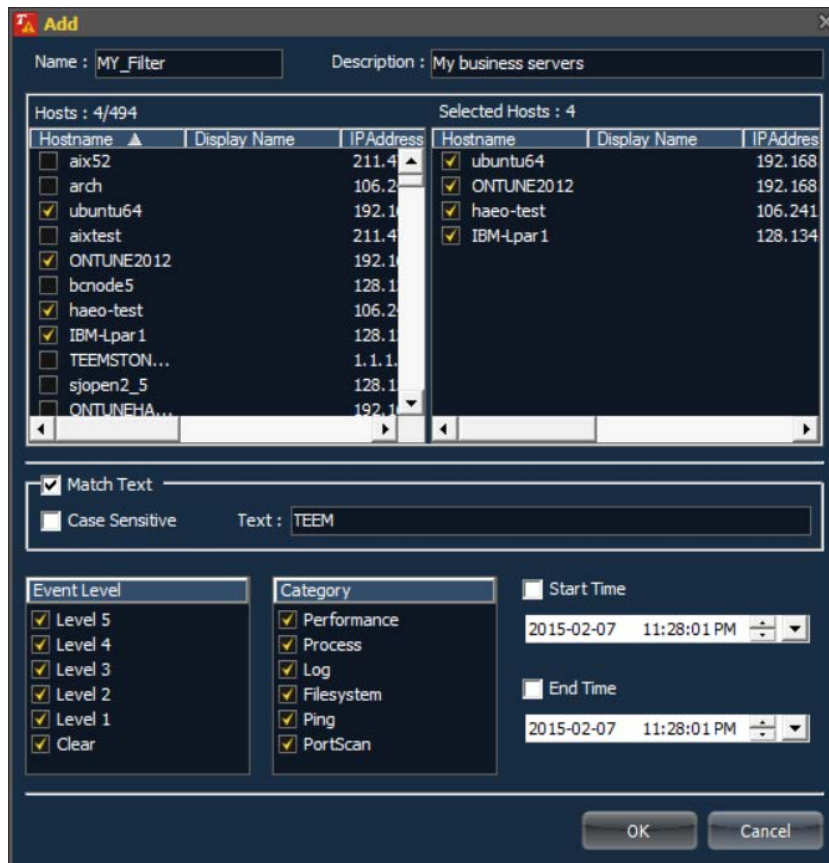
- ☒ Performance
- ☒ Process
- ☒ Log
- ☒ Filesystem
- ☒ Ping
- ☒ PortScan

☐ Start Time 2015-02-07 11:28:01 PM

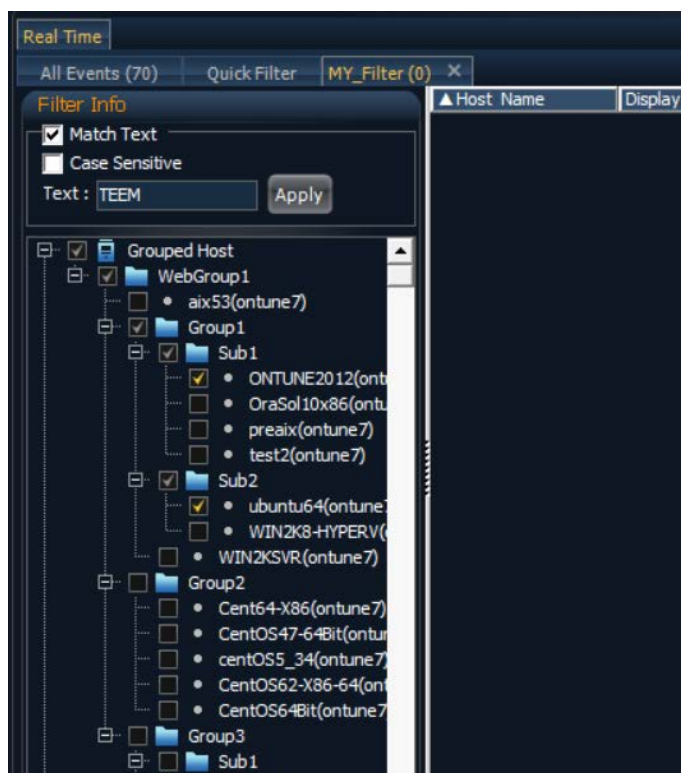
☐ End Time 2015-02-07 11:28:01 PM

- **Name:** The name of the new filtered list tab.
- **Description:** Description of this tab.
- **Hosts:** Available server(host) list. The server will be included in the filtering condition if checked.
- **Selected Hosts:** The list of the servers(hosts) selected. When checked, server name is added automatically.
- **Match Text:** Filtering condition. The list contains only the events which contain this text string.
 - **Case Sensitive**
- **Event Level:** Define the levels of events included.
- **Category:** Define the categories of events included.
- **Start Time:** The list will contain the events that occurred starting from this time to the End Time.
- **End Time:** The list will contain the events which occurred from Start Time up to this time.
- Click **OK** to create a new filtered list tab.
- Click **Cancel** to cancel.

When you create a new tab as below:



The result is as follows:

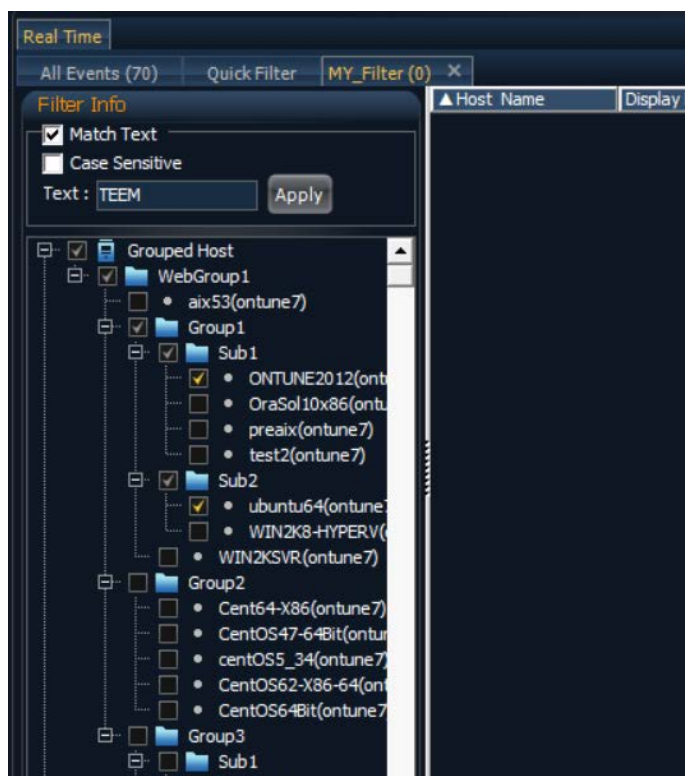


The above shows the created filtered list tab. A filtering condition managing window on the left allows easy modification of conditions.

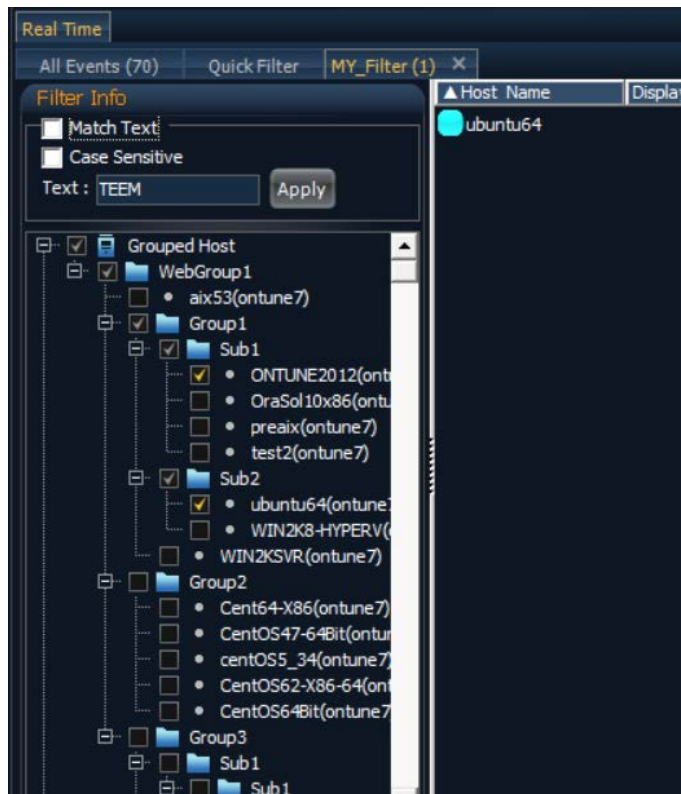
3.6.2 Modifying the Filtered List Tab Condition


There are two ways to modify filtering conditions. The first is via the managing filtering condition window on the left of the event list; and the second is to use the modifying menu.

To use the managing filtering condition window, do as follows:



Select filtering conditions from this window. For example, if Match Text condition is removed, the result will be:



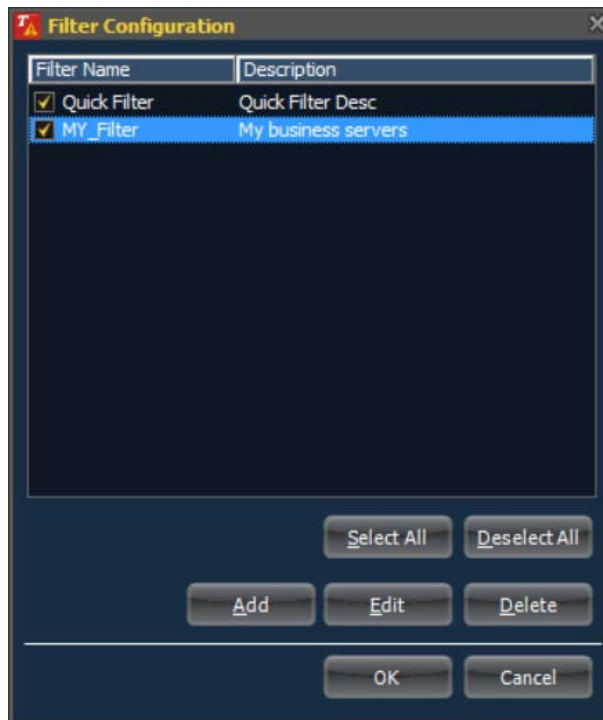
The second way to modify filtering condition is to click the Filter configuration icon .



Select **Filter Configuration** menu.

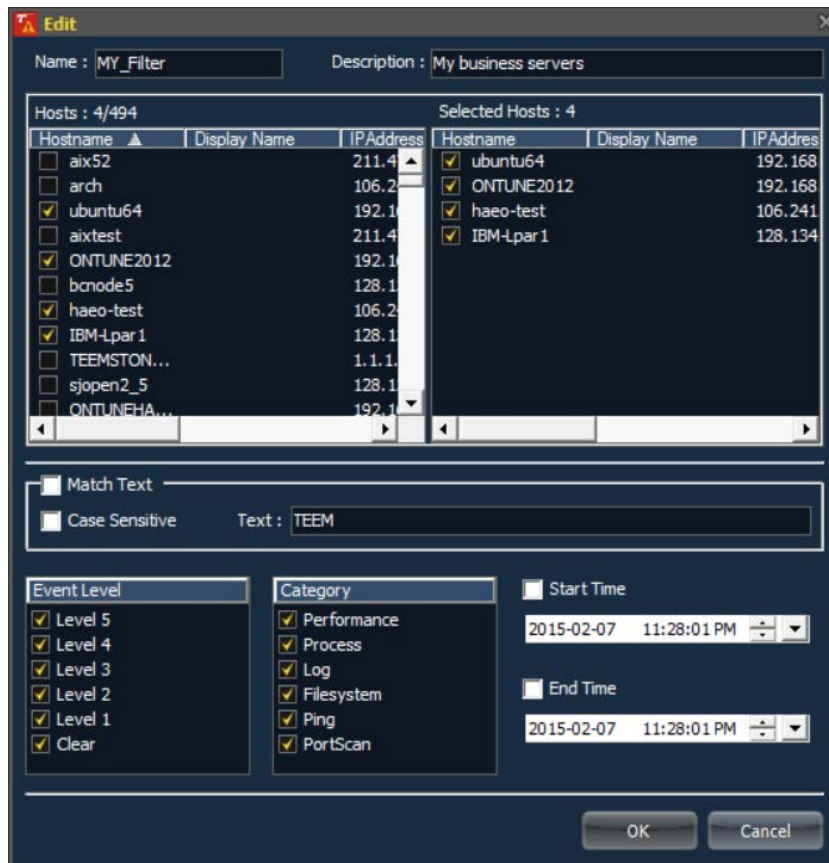


The following filtered tab list window appears. Select a filter to modify. You may not delete or modify Quick Filter.



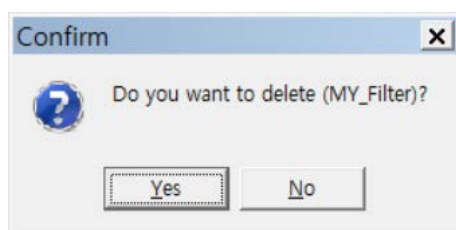
- **Name:** The name of the new filtered list tab.
- **Description:** Description of this tab.
- **Check Box:** If unchecked, the tab will disappear from the tab list. The filtered list tab condition remains in the database.
- **Select All:** Tab menu contains the whole defined filtered list.
- **Deselect All:** The whole defined filtered list will be removed from the tab menu, except Quick Filter.
- Click **Add** to create a new filtered list tab.
- Click **Edit** to modify selected filtered list tab condition.
- Click **Delete** to delete from the tab menu and database.
- Click **OK** to save.
- Click **Cancel** to cancel

Click **Edit** to modify. The following editing window appears:



- **Name:** The name of the new filtered list tab.
- **Description:** Description of this tab.
- **Hosts:** Available server(host) list. Server will be included in the filtering condition if checked.
- **Selected Hosts:** The list of the servers(hosts) selected. If checked, server name is added automatically.
- **Match Text:** Filtering condition. The list contains only the events with this text string.
 - **Case Sensitive**
- **Event Level:** Define the levels of events included.
- **Category:** Define the categories of events included.
- **Start Time:** The list will contain the events that have occurred starting from this time to End Time.
- **End Time:** The list will contain the events that have occurred from Start Time to this time.
- Click **OK** to save and apply changes.
- Click **Cancel** to cancel.

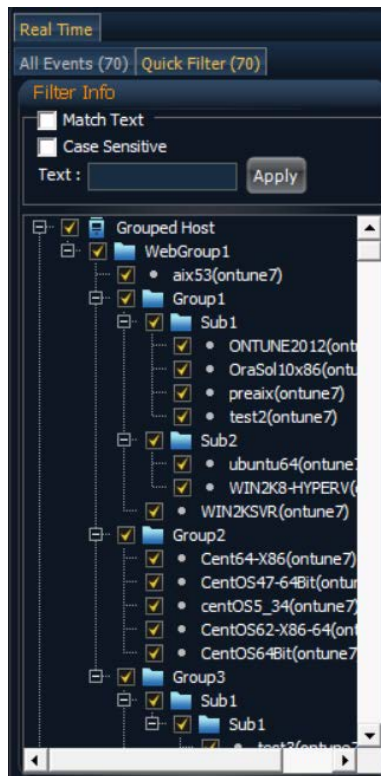
Clicking the **Delete** button result in the fowling confirmation window:



- Click **Yes** to delete.
- Click **No** to cancel.

3.6.3 Using Quick Filter

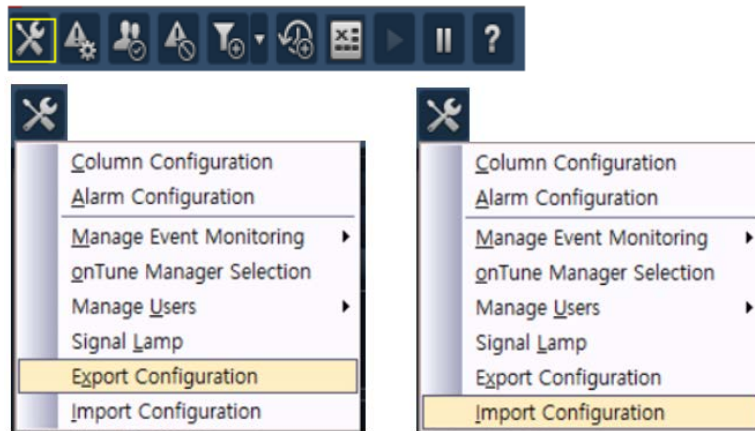
With Quick Filter included as a default filter, you may apply certain filtering conditions easily and quickly.



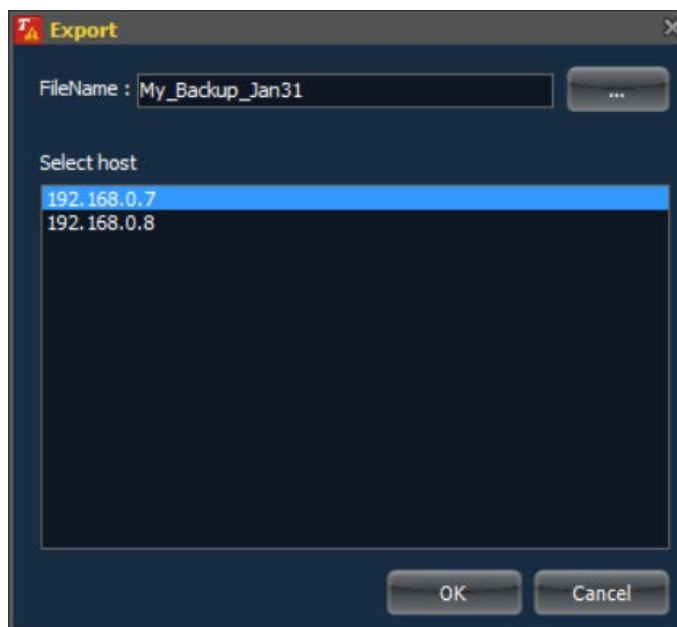
- **Match Text:** Filtering condition. The list contains only the events with this text string.
 - **Case Sensitive**
- Select servers(hosts) to apply.
- Click **Apply** to apply.


3.7 Exporting and Importing Event Configuration

The User may export and import all the settings of *onTune Event* to or from an external file. Click the home menu icon.

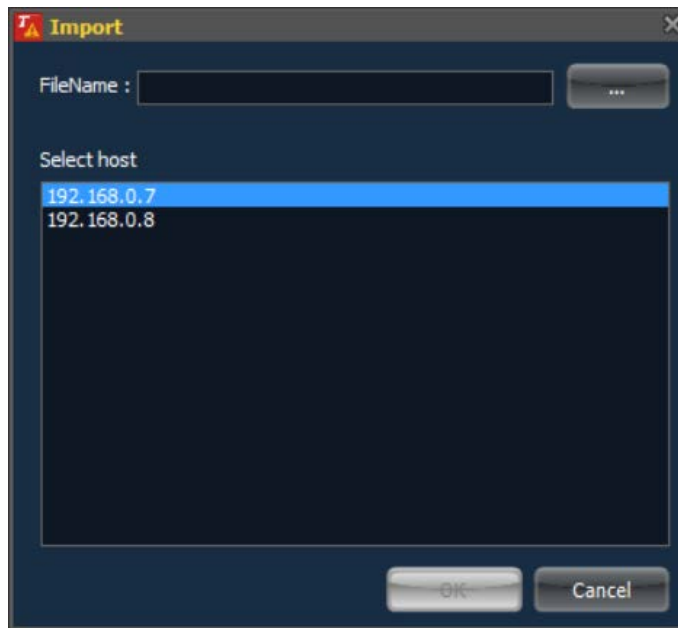



The export settings window appears when you click **Export Configuration**:



- File Name: The name of the export file. It will be saved as *.ini file type.
- Click  to select folder to save.
- Select Host: Select an *onTune Event Manager* whose settings will be exported.
- Click **OK** to export.
- Click **Cancel** to cancel.

The import settings window appears when you click **Import Configuration**:




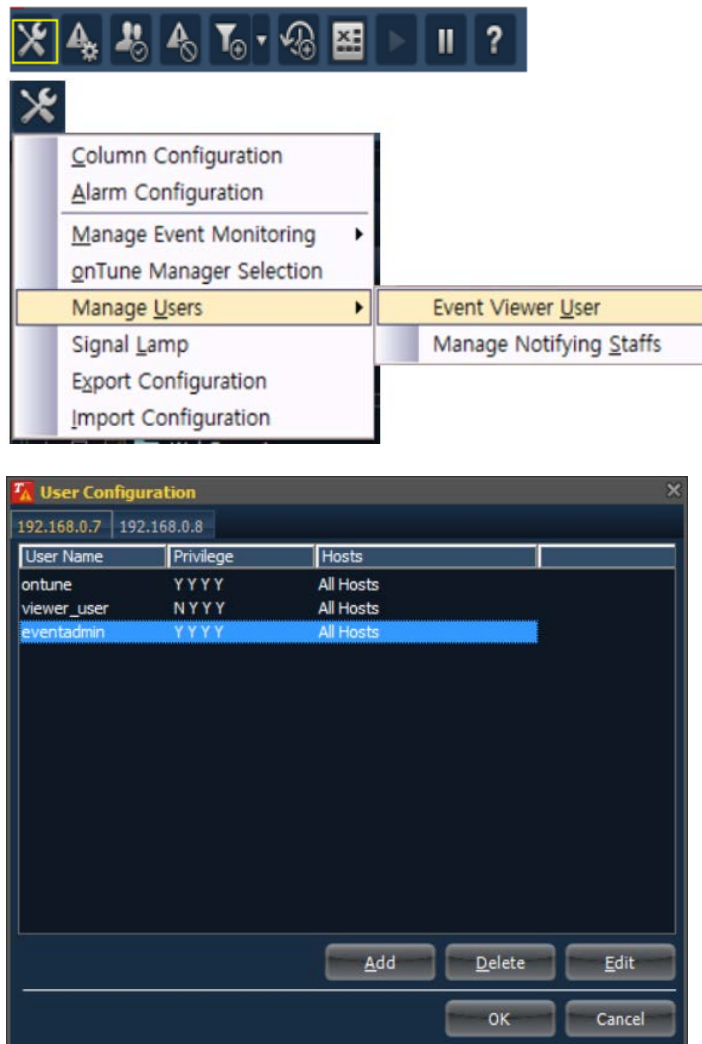
- File Name: The name of the import file. It may be *.ini file type.
- Click  to select folder to read.
- Select Host: Select an *onTune Event Manager* whose settings will be overwritten with the imported information.
- Click **OK** to import.
- Click **Cancel** to cancel.

Warning: When Import Configuration is executed, all the settings on the target *onTune Event Manager* will be overwritten with the imported settings.

4. Managing *onTune Event* User Accounts

4.1 Managing *Event Viewer* Users

Click the home menu icon  and select Manage Users → Event Viewer User menu.



- **IP address tab:** Select an *onTune Event Manager* where the user will login.
- **User Name:** User identifier.
- **Privilege:** In the order starting from the left to right, the user will be granted the privileges to:
 - **Manage event configuration**
 - **Change the level of events**
 - **Change the state of events**
 - **Clear Events**
- **Hosts:** The servers(hosts) to be monitored by this user.
- Click **Add** to add a new user.
- Click **Delete** selected user.
- Click **Edit** to modify user information.
- Click **OK** to save.
- Click **Cancel** to cancel.

4.1.1 Creating a User Account

When you click the **Add** button in the window described in "4.1 Managing *Event Viewer* Users", the window below appears:

Hostname	Display Name	IPAddress
<input type="checkbox"/> aix52		211.4
<input type="checkbox"/> arch		106.2
<input type="checkbox"/> ubuntu64		192.1
<input type="checkbox"/> aixtest		211.4
<input type="checkbox"/> ONTUNE2012		192.1
<input type="checkbox"/> bcnode5		128.1
<input type="checkbox"/> haeo-test		106.2
<input type="checkbox"/> IBM-Lpar1		128.1
<input type="checkbox"/> TEEMSTON...		1.1.1
<input type="checkbox"/> sjopen2_5		128.1

- **User Name:** User identifier.
- **Password:** Password
- **Confirm Password:** Retype password to confirm password,
- **Privilege:** in the order starting from left to right, the user will be granted the privileges to:
 - **Manage event configuration**
 - **Change the level of events**
 - **Change the state of events**
 - **Clear Events**
- **All Hosts:** All servers(hosts) to be monitored by this user.
- **Hosts:** Available server(host) list. Server will be included in the selected list if checked.
- **Selected Hosts:** The list of the servers(hosts) selected. If checked, the server name is added automatically.
- Click **OK** to create a user account.
- Click **Cancel** to cancel.

4.1.2 Modifying User Account Information

When you click the **Edit** button in the window described in "4.1 Managing *Event Viewer* Users", the window below appears:

Edit

User Name :

Password :

Confirm Password :

Privilege

- ☒ Manage event configuration
- ☒ Change the level of events
- ☒ Change the state of events
- ☒ Clear events

☒ All Hosts

Hosts : 0/492 Selected Hosts : 0

Hostname	Display Name	IP Address
All hosts are assigned		

Hostname	Display Name	IP Address
All hosts are assigned		

OK Cancel

- **User Name:** User identifier.
- **Password:** Password
- **Confirm Password:** Retype password to confirm password,
- **Privilege:** in the order starting from the left to right, the user will be granted the privileges to:
 - Manage event configuration
 - Change the level of events
 - Change the state of events
 - Clear Events
- **All Hosts:** All servers(hosts) to be monitored by this user.
- **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
- **Selected Hosts:** The list of the servers(hosts) selected. If checked, the server name is added automatically.
- Click **OK** to apply and save changes.
- Click **Cancel** to cancel.

4.1.3 Deleting a User Account

When you click **Delete** button in the window described in "4.1 Managing *Event Viewer* Users", the following confirmation window appears:

Confirm

Do you want to delete (eventadmin)?



Yes No

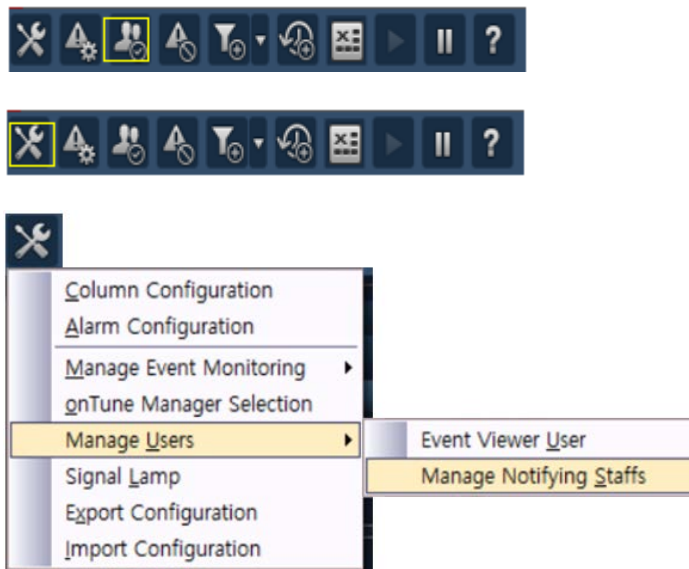
- Click **Yes** to delete.
- Click **No** to cancel.

4.2 Managing Notifying Staff

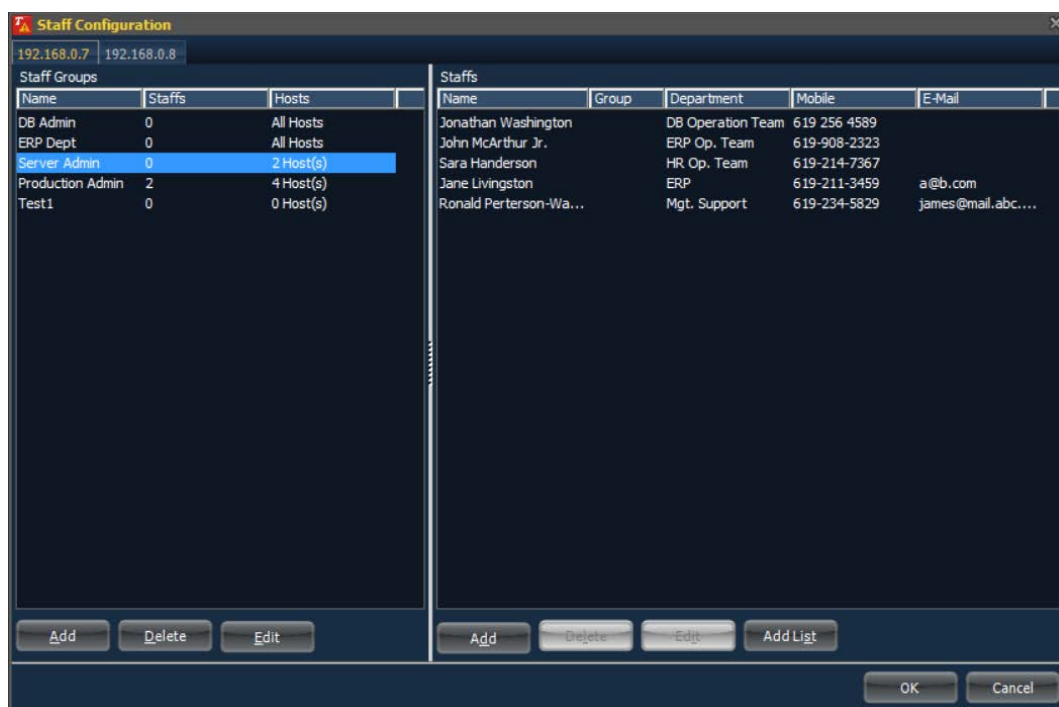
When an event occurs, *onTune Event* can notify the defined staff(s) via short message service (SMS), or via E-Mail.

To use this function, a special service from *onTune* support is required. Please contact your [onTune Support Team](#).

To define the staff to be notified when a certain event occurs, Click the home menu icon  and select **Manage Users** → **Manage Notifying Staffs** ; or click **Manage Notifying Staffs** icon .



Following window appears:



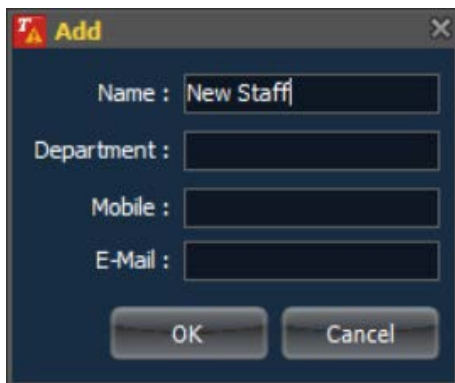
- **IP address tab:** Select an *onTune Event Manager* which will notify staff

upon event occurrence.

- **Staff Groups:** Group of staffs.
 - **Name:** Name of the group.
 - **Staffs:** The number of staffs in this group.
 - **Hosts:** The list of servers(hosts) whose events will notify the staffs in this group.
- **Staffs:** The list of staffs to be notified.
 - **Name:** Staff name.
 - **Group:** Name of group the staff belongs to.
 - **Department:** Name of the department of the staff.
 - **Mobile:** Mobile phone number to be used as the SMS device.
 - **E-Mail:** E-Mail address of the staff.

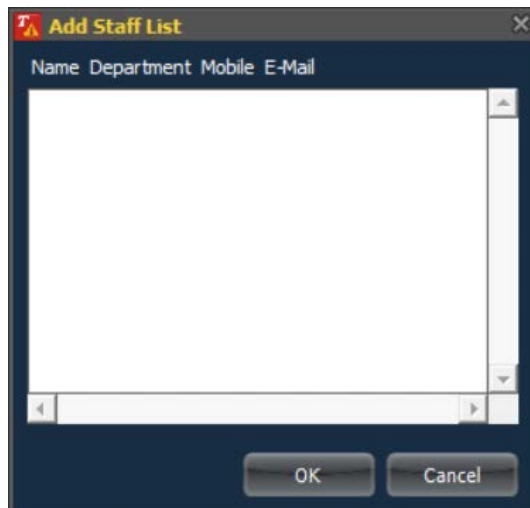
4.2.1 Creating Staffs

When you click the **Add** button in the right window described in "4.2 Managing Notifying Staffs", the following window appears:



- **Name:** Staff name.
- **Department:** Name of the department of the staff.
- **Mobile:** Mobile phone number used as the SMS device.
- **E-Mail:** E-Mail address of the staff.
- Click **OK** to create a staff.
- Click **Cancel** to cancel.

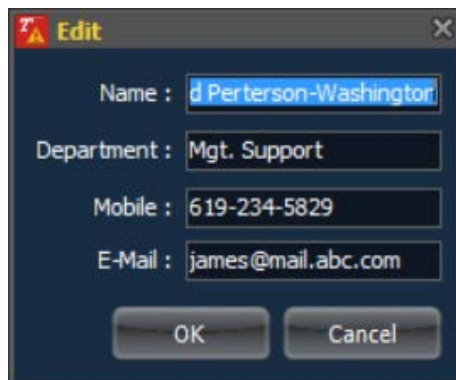
To add multiple staffs at once, click **Add List** in the right window described in "4.2 Managing Notifying Staffs"; the following window appears:



- Enter Name, Department, Mobile, and E-Mail in sequence. Use comma “,” as the delimiter.
- Click **OK** to create staffs.
- Click **Cancel** to cancel.

4.2.2 Modifying Staff Information

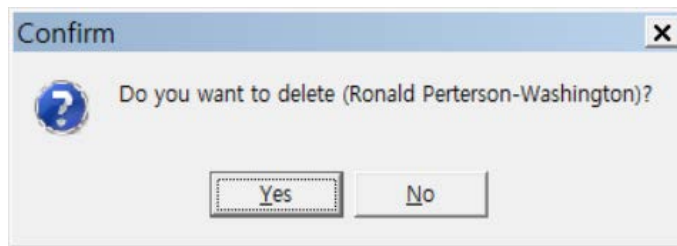
Click **Edit** button after selecting a staff in the right window expressed in “4.2 Managing Notifying Staffs”, then following window appears;



- **Name:** Staff name.
- **Department:** Name of the department of the staff.
- **Mobile:** Mobile phone number which will be used as SMS device.
- **E-Mail:** E-Mail address of the staff.
- Click **OK** to save changes.
- Click **Cancel** to cancel.

4.2.3 Deleting a Staff

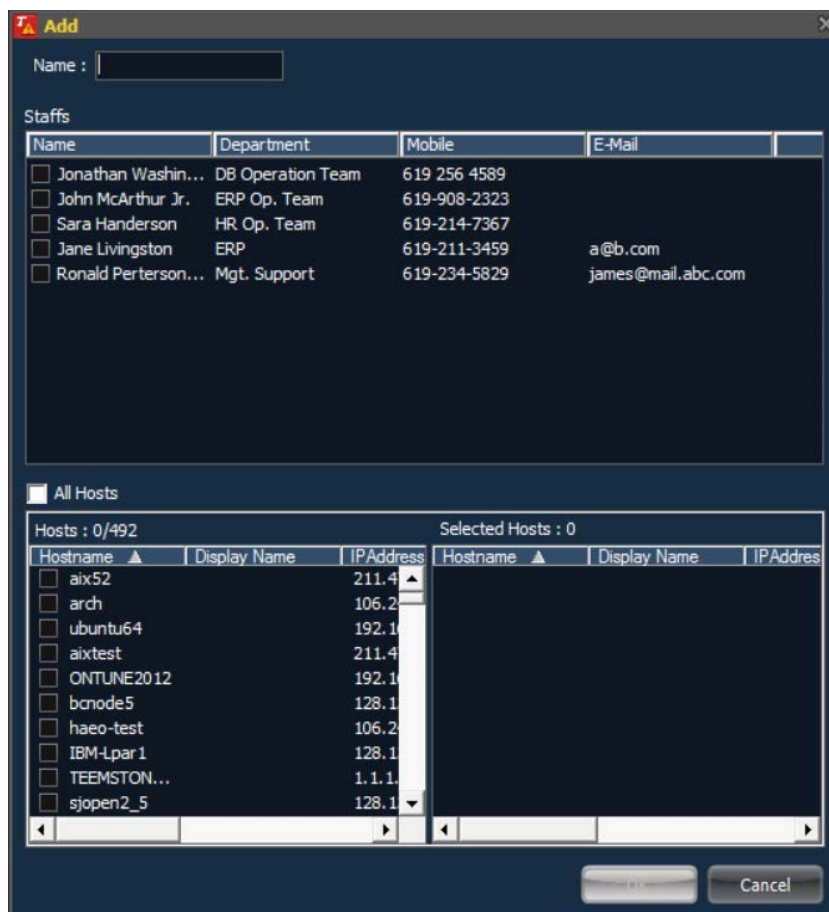
Click **Delete** button after selecting a staff in the right window expressed in “4.2 Managing Notifying Staffs”, then following confirmation window appears;



- Click **Yes** to delete.
- Click **No** to cancel.

4.2.4 Creating Staff Group

When you click the **Add** button in the left window described in "4.2 Managing Notifying Staffs", the following window appears:



- **Name:** Name of the group.
- **Staffs:** The number of the staffs in this group.
 - **Name:** Staff name.
 - **Group:** Name of group the staff belongs to.
 - **Department:** Name of the department of the staff.
 - **Mobile:** Mobile phone number to be used as the SMS device.
 - **E-Mail:** E-Mail address of the staff.
- **All Hosts:** All servers(hosts) to be monitored by this user.
- **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
- **Selected Hosts:** The list of the servers(hosts) selected. If checked, the

server name is added automatically.

- Click **OK** to create a staff group.
- Click **Cancel** to cancel.

4.2.5 Modifying Staff Group Information

When you click the **Edit** button after selecting a staff group in the left window described in "4.2 Managing Notifying Staffs", the following window appears:

Edit

Name :

Staffs

Name	Department	Mobile	E-Mail
<input type="checkbox"/> Jonathan Washin...	DB Operation Team	619 256 4589	
<input type="checkbox"/> John McArthur Jr.	ERP Op. Team	619-908-2323	
<input type="checkbox"/> Sara Handerson	HR Op. Team	619-214-7367	
<input type="checkbox"/> Jane Livingston	ERP	619-211-3459	a@b.com
<input type="checkbox"/> Ronald Perterson...	Mgt. Support	619-234-5829	james@mail.abc.com

☐ **All Hosts**

Hosts : 2/492

Hostname	Display Name	IPAddress
<input type="checkbox"/> aix52	211.4	
<input type="checkbox"/> arch	106.2	
<input type="checkbox"/> ubuntu64	192.1	
<input type="checkbox"/> aixtest	211.4	
<input type="checkbox"/> ONTUNE2012	192.1	
<input type="checkbox"/> bcnode5	128.1	
<input type="checkbox"/> hao-test	106.2	
<input type="checkbox"/> IBM-Lpar1	128.1	
<input type="checkbox"/> TEEMSTON...	1.1.1	
<input type="checkbox"/> sjopen2_5	128.1	

Selected Hosts : 2

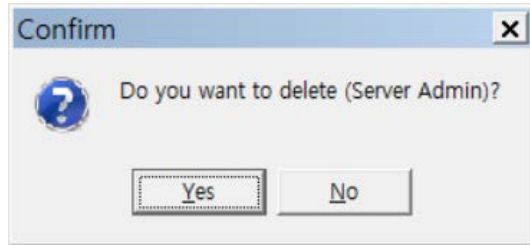
Hostname	Display Name	IPAddress
<input checked="" type="checkbox"/> sjopen2_1	128.134	
<input checked="" type="checkbox"/> sjopen2_3	128.134	

OK Cancel

- **Name:** Name of the group.
- **Staffs:** The number of the staffs in this group.
 - **Name:** Staff name.
 - **Group:** Name of group the staff belongs to.
 - **Department:** Name of the department of the staff.
 - **Mobile:** Mobile phone number to be used as the SMS device.
 - **E-Mail:** E-Mail address of the staff.
- **All Hosts:** All servers(hosts) to be monitored by this user.
- **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
- **Selected Hosts:** The list of the servers(hosts) selected. If checked, the server name is added automatically.
- Click **OK** to save changes.
- Click **Cancel** to cancel.

4.2.6 Deleting a Staff Group

When you click the **Delete** button after selecting a staff group in the left window described in "4.2 Managing Notifying Staffs", the following confirmation window appears:




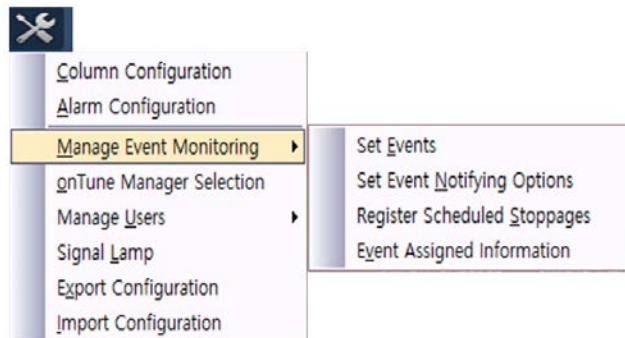
- Click **Yes** to delete.
- Click **No** to cancel.

5. Setting Event Conditions



Setting Event Conditions includes:

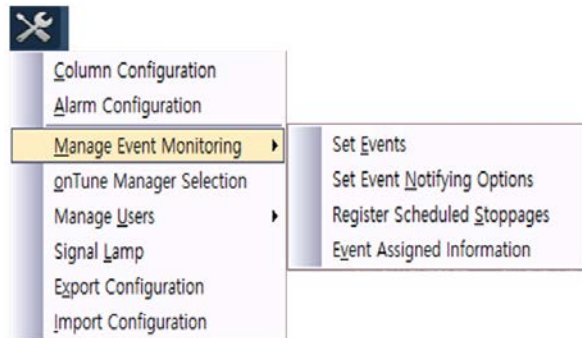
- Setting event detecting conditions
- Setting event notifying messages
- Setting time excluded

Click home menu icon  and select **Manage Event Monitoring**.

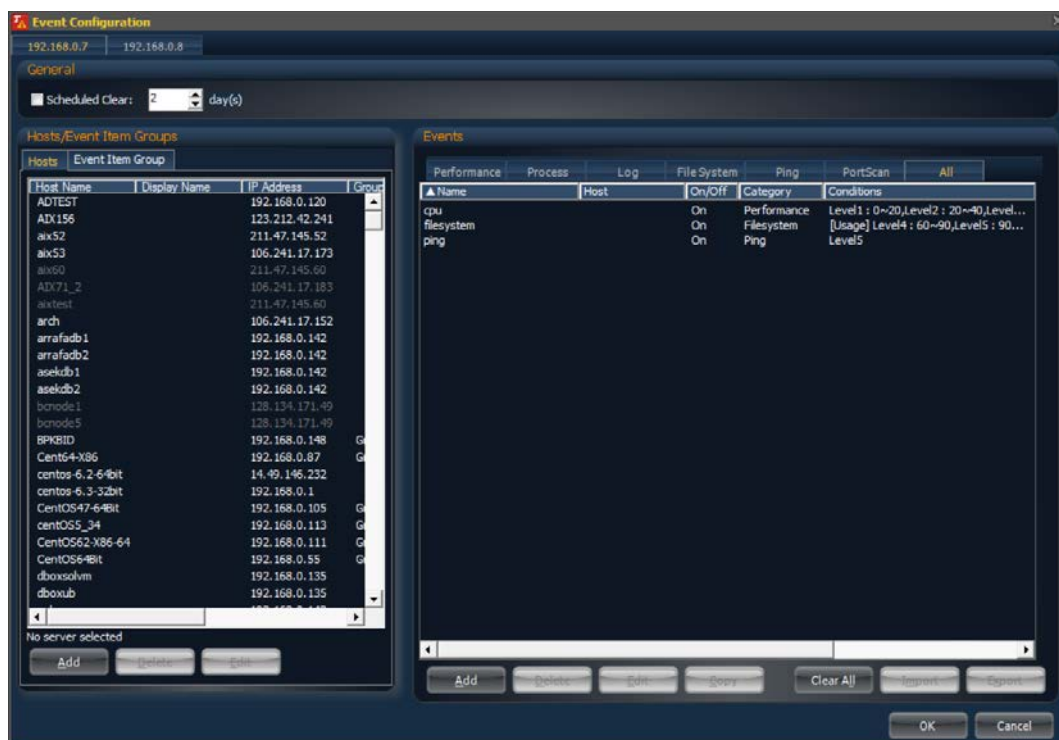


5.1 Setting Event Detecting Conditions

To set event detecting conditions, click the home menu icon , and select **Manage Event Monitoring → Set Events** menu; or click the Set Events icon .



The following window appears:



- **IP address tab:** The IP address of an *onTune Event Manager* for which the event detecting conditions apply.
- **General:** Common conditions to apply.
 - **Scheduled Clear:** The Event is cleared upon passage of these days from its occurrence.
- **Hosts/Event Item Groups tabs**
 - **Hosts:** Available servers(hosts) that the event detecting conditions are to apply.
 - **Event Item Groups:** Grouping of event detecting conditions to facilitate conditions management.

- **Events:** The list of event detecting conditions.
 - Event detecting conditions list of each tab:
 - ◆ **Performance:** List of conditions related to system resource utilizations and performance, such as CPU; memory; Disk I/O; network I/O; and others.
 - ◆ **Process:** List of conditions related to processes.
 - ◆ **Log:** List of conditions related to text patterns in the log files.
 - ◆ **File System:** List of conditions related to file systems.
 - ◆ **Ping:** List of conditions related to Ping test.
 - ◆ **PortScan:** List of conditions related to TCP port scanning test.
 - ◆ **All:** Integrated list of conditions.
 - The columns are;
 - ◆ **Name:** The name of the event detecting condition.
 - ◆ **Host:** Servers(hosts) for which the event detecting conditions apply. When a server(host) is selected, this column shows whether this condition is applied to the server(host) or not.
 - ◆ **On/Off:** Shows whether this condition is activated or not.
 - ◆ **Category:** The categories of event detecting conditions. One of the tab menu.
 - ◆ **Conditions:** Event detecting conditions.

Event detecting conditions are set via the event window.

You may close any information window of the *onTune Viewer* by clicking the *Viewer* logo to the left of the TitleBar.

5.1.1 Creating Event Detecting Conditions

Event detecting conditions are created by clicking the **Add** button in the event window. If the event detecting conditions belong to a certain category when the user clicks **Add**, the window to create an event detecting condition is specific to that category. If all event detecting conditions are shown when the user clicks **Add**, the window to create an event detecting condition will let you select a category.

The procedure for the two cases above are similar. In this chapter, we assume that the user clicks the **Add** button with a certain category.

5.1.1.1 Conditions Related to System Resource Utilization or Performance

General

Name: _____ Description: _____

☐ Save History Skip duration of same event : 600 sec ☐ SMS and E-Mail at only first occurrence ☐ SMS and E-Mail by Count Threshold 10

Conditions

Description and SMS Format

Performance

Item: CPU(User%)

	Min	Max	SMS	E-Mail
Level 1:			<input type="checkbox"/>	<input type="checkbox"/>
Level 2:			<input type="checkbox"/>	<input type="checkbox"/>
Level 3:			<input type="checkbox"/>	<input type="checkbox"/>
Level 4:			<input type="checkbox"/>	<input type="checkbox"/>
Level 5:			<input type="checkbox"/>	<input type="checkbox"/>
Clear:			<input type="checkbox"/>	<input type="checkbox"/>

Condition : Min <= Value <= Max

Hosts/Event Item Groups

Hosts: 0/60 Selected Hosts : 0

Hostname	Display Name	IP
<input type="checkbox"/> CentOS47-...	CENTOS4.7	
<input type="checkbox"/> CentOS62-...	CENTOS_6.2	
<input type="checkbox"/> CentOS64Bit	CENTOS_64BIT	
<input type="checkbox"/> Hyper-V_M...		
<input type="checkbox"/> KHUNLEE-PC	KHUNLEE-PC	
<input type="checkbox"/> KHENC2	XEN_TEST_GUE...	
<input type="checkbox"/> KVM-CentO...	KVM_TEST_01	
<input type="checkbox"/> KVM-Fedora22	KVM_TEST_FED...	
<input type="checkbox"/> Linux63-X8...	CENTOS6.3	
<input type="checkbox"/> MSPC	MSPC	

Staff Groups

Group Name	Staff Names
<input type="checkbox"/> BITZGROUP	HONG GILDONG, LEE SUNSIN
<input type="checkbox"/> OPERATIONG...	KIM MYUNGSOOK, KANG HUI
<input type="checkbox"/> PUSHGROUP	KIM JINBO, KU JAHEON, KIM DAERI
<input type="checkbox"/> TESTGROUP	KIM MYUNGSOOK

- **General:** General conditions of event detecting.
 - **Name:** Name of the condition.
 - **Description:** Short description of this condition.
 - **Save History:** Save event detecting history if checked.
 - **Skip duration of same event:** Same event is ignored if the event occurs again within this time period.
 - **SMS and E-Mail at only first occurrence:** Notify the assigned staffs only at first occurrence.
- **Conditions:** Set the conditions of event detecting. This is described later.
 - **Description and SMS Format:** Customization of setting event and SMS transmission format definition. Refer to 5.1.1.7 Creating user define event description.
- **Hosts/Event Item tabs;**
 - **Hosts tab;**
 - ◆ **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
 - ◆ **Selected Hosts:** The list of the servers(hosts) selected. If checked, the server name is added automatically.
 - **Event Item Group:** Select an item group where this condition belongs.
- **Staff Groups:** The group of staffs to be notified when the event is detected.

The detecting items are as follows. Refer to "10. Introduction to System Performance Data" in "onTune Version4.1 Viewer User Guide."



Detect event conditions by threshold:

- **Min:** The minimum value of each event level.
- **Max:** The maximum value of each event level. When the detecting value is between minimum and maximum values, an event occurs.
- **SMS:** Notify of event detecting information via SMS if checked.
- **E-Mail:** Notify of event detecting information via E-Mail if checked.
- **Clear:** Notify of event clearing information if checked.

To detect event by comparing the values to a certain time, select **Change** :

- **Level:** The level of event.
- **Change:** Value of change to issue event.
- **Threshold:** Threshold value to issue event.
- **Repeat Count :** Baseline for event occurrence

- **Exception Process List** : Exclude event occurrence
- The conditions for issuing event is:
 - The current system resource utilization value(CUV) is greater than threshold, and
the difference between CUV and the comparing value(CV) is greater than Change.
or, $(CUV > THRESHOLD)$ and $((CUV - CV) > CHANGE)$.
- **CV Calculation Settings**: Set the value to compare. Multiple selection is allowed.
 - **Max**: Maximum value of system resource utilization.
 - **Average**: Average value of system resource utilization.
 - **Minutes AVERAGE of last measured values. (0~60 min)**
 - **Day before, the measured value at the same time**

5.1.1.2 Conditions Related to Process

The screenshot shows the 'Add' dialog box with the 'Conditions' tab selected. The 'Process' section is active, showing fields for Process Pattern, Exception Pattern, Level (set to 1), and Number of Process at normal state (Min ~ Max). The 'Hosts/Event Item Groups' section shows a list of hosts with columns for Hostname, Display Name, and IP. The 'Staff Groups' section shows a list of staff groups with columns for Group Name and Staff Names.

- **General**: General conditions of event detecting.
 - **Name**: Name of the condition.
 - **Description**: Short description of this condition.
 - **Save History**: Save event detecting history if checked.
 - **Skip duration of same event**: Same event will be ignored if the event occurs again within this time period.
 - **SMS and E-Mail at only first occurrence**: Notify the assigned staffs of event only at first occurrence.
- **Conditions**: Set the conditions of event detecting.
 - **Count**: The number of processes is the condition of event detecting.
 - ◆ **Process Pattern**: Process pattern at normal state.
 - ◆ **Exception Pattern**: Process pattern at abnormal state.
 - ◆ **Level**: The level of event.

- ◆ **SMS:** Notify of event detecting information via SMS if checked.
- ◆ **E-Mail:** Notify of event detecting information via E-Mail if checked.
- ◆ **Number of Process at normal state:** Set the number of processes at normal state with the min ~ max type.

The screenshot shows a configuration window titled 'Process'. It has a tab labeled 'Process'. Inside, there are two radio buttons: 'Count' (which is selected) and 'onTune Agent'. Below the radio buttons, there are several input fields and checkboxes. On the left, there is a 'Level' dropdown menu set to '1', a 'Clear' button, and a 'Timeout' text input field followed by 'sec'. On the right, there are two rows of checkboxes for 'SMS' and 'E-Mail'. The first row has 'SMS' checked and 'E-Mail' unchecked. The second row has both 'SMS' and 'E-Mail' unchecked.

- **Description and SMS Format:** Customization of setting event and SMS transmission format definition. Refer to 5.1.1.7 Creating user define event description.
- **onTune Agent:** Issue an event when *onTune Agent* is in abnormal state.
 - ◆ **Level:** Level of event.
 - ◆ **Timeout:** Event will be issued after the defined time is past the occurrence of timeout.
- **Hosts/Event Item tabs;**
 - **Hosts tab;**
 - ◆ **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
 - ◆ **Selected Hosts:** The list of the servers(hosts) selected. When checked, server name is added automatically.
 - **Event Item Group:** Select an item group where this condition belongs.
- **Staff Groups:** The group of staffs to be notified when event is detected.

5.1.1.3 Conditions Related to Log

General

Name: Description:

☒ Save History Skip duration of same event : 600 sec ☐ SMS and E-Mail at only first occurrence ☐ SMS and E-Mail by Count Threshold 10

Conditions

Log

File Name:

☐ Increase count of same event when same pattern occurs

\$LOG(N) Start Delimiter \$LOG(N) End Delimiter

Level1 Level2 Level3 Level4 Level5 Clear

SMS: ☐ E-Mail: ☐

Match Pattern:

Skip Pattern:

Hosts/Event Item Groups

Hosts: 0/60 Selected Hosts : 0

Hostname	Display Name	IP
<input type="checkbox"/> CentOS47-...	CENTOS4.7	
<input type="checkbox"/> CentOS62-...	CENTOS_6.2	
<input type="checkbox"/> CentOS64Bit	CENTOS_64BIT	
<input type="checkbox"/> Hyper-V_M...		
<input type="checkbox"/> KHUNLEE-PC	KHUNLEE-PC	
<input type="checkbox"/> KHENC2	XEN_TEST_GUE...	
<input type="checkbox"/> KVM-CentO...	KVM_TEST_01	
<input type="checkbox"/> KVM-Fedora22	KVM_TEST_FED...	
<input type="checkbox"/> Linux63-X8...	CENTOS6.3	
<input type="checkbox"/> MSBC	MSBC	

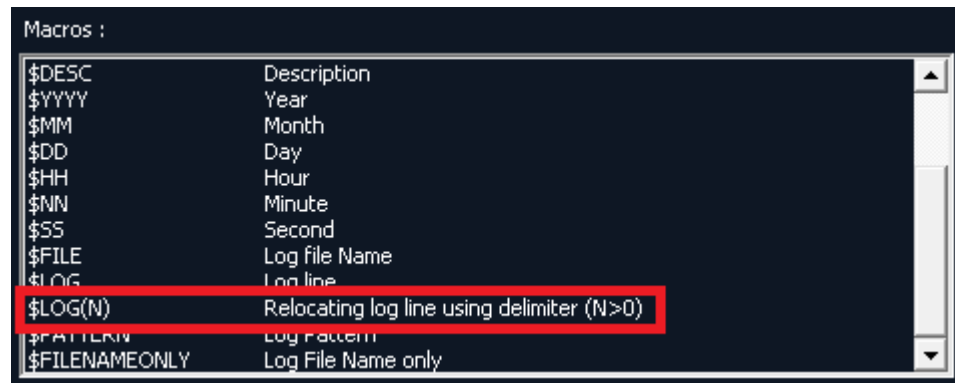
Staff Groups

Group Name	Staff Names
<input type="checkbox"/> BITZGROUP	HONG GILDONG,LEE SUNSIN
<input type="checkbox"/> OPERATIONG...	KIM MYUNGSOOK,KANG HUI
<input type="checkbox"/> PUSHGROUP	KIM JINBO,KU JAHEON,KIM DAERI
<input type="checkbox"/> TESTGROUP	KIM MYUNGSOOK

- **General:** General conditions of event detecting.
 - **Name:** Name of the condition.
 - **Description:** Short description of this condition.
 - **Save History:** Save event detecting history if checked.
 - **Skip duration of same event:** Same event will be ignored if the event occurs again within this time period.
 - **SMS and E-Mail at only first occurrence:** Notify the assigned staffs of event only at first occurrence.
- **Conditions:** Set the conditions of event detecting.
 - **File Name:** The log file name to be monitored.
 - **Increase count of same event when same pattern occurs:** Activate flag to increase only count when same event occurs
 - **Log Delimiter:** Log file delimiter specified by user for analyzing log file contents
 - ◆ **Delimiter registration**

\$LOG(N) Start Delimiter \$LOG(N) End Delimiter

\$LOG(N) Start Delimiter \$LOG(N) End Delimiter
 - ◆ If you use a beginning and ending delimiter (ex: [], {}, ()), you must enter the beginning and ending delimiters as pair.
 - ◆ Notes on setting
 - Simultaneous use of "and" and "or" condition in one log event is not allowed
 - Previously used option (wi "detect Case in-sensitive"), (w* "same usage grep command") is not allowed
 - ◆ **Description and SMS Format:** Customization for setup event and SMS transmission format definition use \$LOG(N) macro below.



- ◆ Refer to 5.1.1.7 Creating user define event description.
- **Level1, Level2, Level3, Level4, Level5, and Clear tabs:** Set the conditions of each event level, and clearing event.
 - ◆ **SMS:** Notify of event detecting information via SMS if checked.
 - ◆ **E-Mail:** Notify of event detecting information via E-Mail if checked.
 - ◆ **Match Pattern:** Issue event when this pattern of text string is matched in log file.
 - ◆ **Skip Pattern:** Ignore this pattern of text string in the log file.
- **Hosts/Event Item tabs;**
 - **Hosts tab;**
 - ◆ **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
 - ◆ **Selected Hosts:** The list of the servers(hosts) selected. When checked, server name is added automatically.
 - **Event Item Group:** Select an item group where this condition belongs.
- **Staff Groups:** The group of staffs to be notified when event detected.

5.1.1.4 Conditions Related to File System

General

Name: Description:

☒ Save History Skip duration of same event : 3600 sec ☐ SMS and E-Mail at only first occurrence ☐ SMS and E-Mail by Count Threshold 10

Conditions

Filesystem

Threshold Target Filesystems Filesystems Excluded

☒ Threshold ☐ Change

	Usage (%)		i-node (%)		Free size (MB)		SMS	E-Mail
	Min	Max	Min	Max	Min	Max		
Level 1:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 2:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 3:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 4:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 5:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clear:							<input type="checkbox"/>	<input type="checkbox"/>

Condition : Min <= Value <= Max

Hosts/Event Item Groups

Hosts Event Item Group

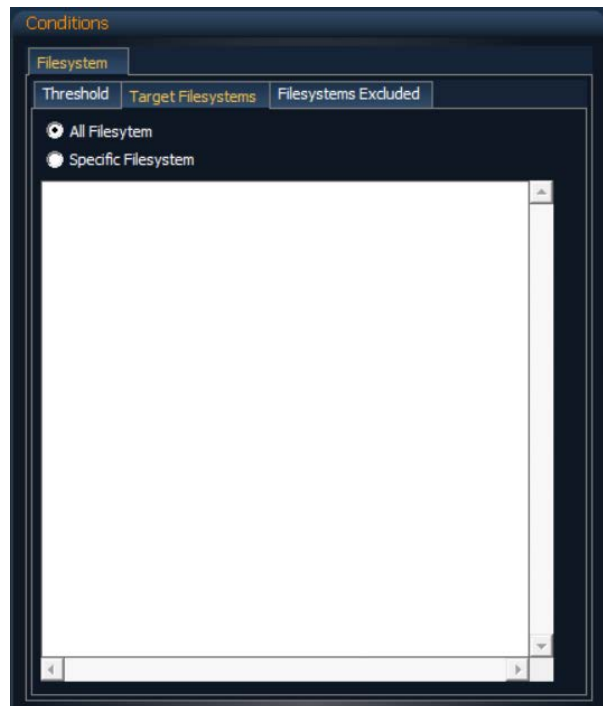
Hosts : 0/60 Selected Hosts : 0

Hostname	Display Name	IP Address
<input type="checkbox"/> CentOS47-...	CENTOS4.7	
<input type="checkbox"/> CentOS62-...	CENTOS_6.2	
<input type="checkbox"/> CentOS64Bit	CENTOS_64BIT	
<input type="checkbox"/> Hyper-V_M...		
<input type="checkbox"/> KHUNLEE-PC	KHUNLEE-PC	
<input type="checkbox"/> KHXENC2	XEN_TEST_GUE...	
<input type="checkbox"/> KVM-CentO...	KVM_TEST_01	
<input type="checkbox"/> KVM-Fedora22	KVM_TEST_FED...	
<input type="checkbox"/> Linux63-X8...	CENTOS6.3	
<input type="checkbox"/> MSBC	MSBC	

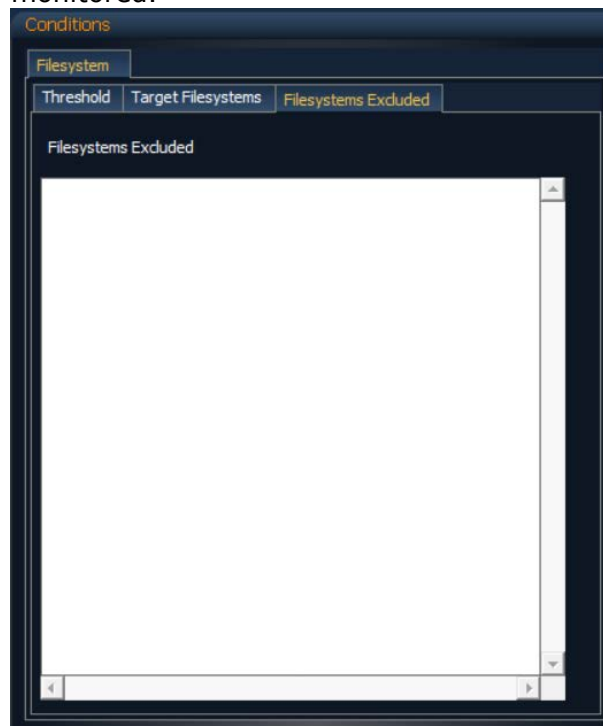
Staff Groups

Group Name	Staff Names
<input type="checkbox"/> BIZGROUP	HONG GILDONG,LEE SUNSIN
<input type="checkbox"/> OPERATION...	KIM MYUNGSOOK,KANG HUI
<input type="checkbox"/> PUSHGROUP	KIM JINBO,KU JAHEON,KIM DAERI
<input type="checkbox"/> TESTGROUP	KIM MYUNGSOOK

- **General:** General conditions of event detecting.
 - **Name:** Name of the condition.
 - **Description:** Short description of this condition.
 - **Save History:** Save event detecting history if checked.
 - **Skip duration of same event:** Same event will be ignored if the event occurs again within this time period.
 - **SMS and E-Mail at only first occurrence:** Notify the assigned staffs of event only at first occurrence.
- **Conditions:** Set the conditions of event detecting.
 - **Threshold tab:** Set the conditions of each event level, and clearing event.
 - ◆ **Usage (%) Min~Max:** Issue defined event when the value of file system volume usage is between these two values.
 - ◆ **I-node (%) Min~Max:** Issue defined event when the value of file system I-node usage is between these two values.
 - ◆ **Free Size(MB) Min~Max:** Issue defined event when the volume of the file system free size is between these two values.
 - ◆ **SMS:** Notify of event detecting information via SMS if checked.
 - ◆ **E-Mail:** Notify of event detecting information via E-Mail if checked.
 - **Target File System tab**



- ◆ **All Filesystem:** All file systems are to be monitored.
- ◆ **Specific Filesystem:** The file systems defined here are to be monitored.
- **Filesystem excluded tab:** The file systems are excluded from being monitored.



- **Description and SMS Format:** Customization of setting event and SMS transmission format definition. Refer to 5.1.1.7 Creating user define event description
- **Hosts/Event Item tabs;**
 - **Hosts tab;**

- ◆ **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
- ◆ **Selected Hosts:** The list of the servers(hosts) selected. When checked, server name is added automatically.
- **Event Item Group:** Select an item group where this condition belongs.
- **Staff Groups:** The group of staffs to be notified when event detected.

5.1.1.5 Conditions Related to Ping Test

onTune can execute the ping test command to any server on the network. If onTune Agent is not installed on the target server, then that server(host) should be registered to onTune Event Manager prior to executing the ping test command. Refer to "5.2 Registering a Server(Host) where onTune Agent is not Installed."

The screenshot shows the 'Add' dialog box in the onTune application. It has two main tabs: 'General' and 'Conditions'.
General Tab:
 - **Name:** [Empty field]
 - **Description:** [Empty field]
 - ☒ **Save History**
 - **Skip duration of same event:** 600 sec
 - ☐ **SMS and E-Mail at only first occurrence**
 - ☐ **SMS and E-Mail by Count Threshold** 10
Conditions Tab:
 - **Ping** (selected condition)
 - **Interval:** 10 (sec)
 - **Consecutive failures #:** 5
 - **Level:** 1 (dropdown)
 - **Clear:** [Buttons for Clear, SMS, E-Mail]
Hosts/Event Item Groups:
 - **Hosts:** 0/60
 - **Selected Hosts:** 0
 - **Hosts List:** CentOS47..., CentOS62..., CentOS64Bit, Hyper-V_M..., KHUNLEE-PC, KHENC2, KVM-CentO..., KVM-Fedora22, Linux63-X8..., MSBC
 - **Staff Groups:**
 - **Group Name:** BIZGROUP, OPERATIONG..., PUSHGROUP, TESTGROUP
 - **Staff Names:** HONG GILDONG,LEE SUNSIN, KIM MYUNGSOOK,KANG HUI, KIM JINBO,KU JAHEON,KIM DAERI, KIM MYUNGSOOK
 - **Buttons:** OK, Cancel

- **General:** General conditions of event detecting.
 - **Name:** Name of the condition.
 - **Description:** Short description of this condition.
 - **Save History:** Save event detecting history if checked.
 - **Skip duration of same event:** Same event will be ignored if the event occurs again within this time period.
 - **SMS and E-Mail at only first occurrence:** Notify the assigned staffs of event only at first occurrence.
- **Conditions:** Set the conditions of event detecting.
 - **Interval:** Set the time interval to execute ping test command, in seconds.
 - **Consecutive failures #:** Issue an event when the defined number of consecutive ping test failures occurs.
 - **Level:** Level of event.

- **SMS:** Notify of event detecting information via SMS if checked.
- **E-Mail:** Notify of event detecting information via E-Mail if checked.
- **Description and SMS Format:** Customization of setting event and SMS transmission format definition. Refer to 5.1.1.7 Creating user define event description
- **Hosts/Event Item tabs;**
 - **Hosts tab;**
 - ◆ **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
 - ◆ **Selected Hosts:** The list of the servers(hosts) selected. When checked, server name is added automatically.
 - **Event Item Group:** Select an item group where this condition belongs.
- **Staff Groups:** The group of staffs to be notified when event detected.

5.1.1.6 Conditions Related to Port Scanning Test

onTune can execute a TCP service port scanning test command to any server on the network. If onTune Agent is not installed on the target server, then that server(host) must be registered to onTune Event Manager prior to executing TCP service port scanning test command. Refer to "5.2 Registering a Server(Host) where onTune Agent is not Installed."

Add

General

Name: Description:

☒ Save History Skip duration of same event : sec ☐ SMS and E-Mail at only first occurrence ☐ SMS and E-Mail by Count Threshold

Conditions

Portscan

Interval: (sec)

Consecutive failures #:

Service Name:

Port:

Level: SMS: ☐ E-Mail: ☐

Clear: SMS: ☐ E-Mail: ☐

Hosts/Event Item Groups

Hosts

Hosts : 0/60 Selected Hosts : 0

Hostname	Display Name	IP
<input type="checkbox"/> CentOS47-...	CENTOS4.7	
<input type="checkbox"/> CentOS62-...	CENTOS_6.2	
<input type="checkbox"/> CentOS64Bit	CENTOS_64BIT	
<input type="checkbox"/> Hyper-V_M...		
<input type="checkbox"/> KHUNLEE-PC	KHUNLEE-PC	
<input type="checkbox"/> KHXENC2	XEN_TEST_GUE...	
<input type="checkbox"/> KVM-CentO...	KVM_TEST_01	
<input type="checkbox"/> KVM-Fedora22	KVM_TEST_FED...	
<input type="checkbox"/> Linux63-X8...	CENTOS6.3	
<input type="checkbox"/> MSBC	MSBC	

Staff Groups

Group Name	Staff Names
<input type="checkbox"/> BIZGROUP	HONG GILDONG, LEE SUNSIN
<input type="checkbox"/> OPERATION...	KIM MYUNGSOOK, KANG HUI
<input type="checkbox"/> PUSHGROUP	KIM JINBO, KU JAHEON, KIM DAERI
<input type="checkbox"/> TESTGROUP	KIM MYUNGSOOK

- **General:** General conditions of event detecting.
 - **Name:** Name of the condition.
 - **Description:** Short description of this condition.
 - **Save History:** Save event detecting history if checked.

- **Skip duration of same event:** Same event will be ignored if the event occurs again within this time period.
- **SMS and E-Mail at only first occurrence:** Notify the assigned staffs of event only at first occurrence.
- **Conditions:** Set the conditions of event detecting.
 - **Interval:** Set the time interval to execute port scanning test command in seconds.
 - **Consecutive failures #:** Issue an event when the defined number of consecutive port scanning test failures occurs.
 - **Service Name:** The name of service served by this TCP port.
 - **Port:** Port number.
 - **Level:** Level of event.
 - **SMS:** Notify of event detecting information via SMS if checked.
 - **E-Mail:** Notify of event detecting information via E-Mail if checked.
 - **Description and SMS Format:** Customization of setting event and SMS transmission format definition. Refer to 5.1.1.7 Creating user define event description
- **Hosts/Event Item tabs;**
 - **Hosts tab;**
 - ◆ **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
 - ◆ **Selected Hosts:** The list of the servers(hosts) selected. When checked, server name is added automatically.
 - **Event Item Group:** Select an item group where this condition belongs.
- **Staff Groups:** The group of staffs to be notified when event detected.

5.1.1.7 Creating User define Event Description

Creating an event configuration, the user can specify the definition of the event.

Add

General

Name: Descriptoin:

☒ Save History Skip duration of same event : sec ☐ SMS and E-Mail at only first occurence ☐ SMS and E-Mail by Count Threshold

Conditions

Description and SMS Format

Performance Process Log Filesystem Ping Portscan

☒ Threshold ☐ Change

Item:

	Min	Max	SMS	E-Mail
Level 1:	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 2:	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 3:	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 4:	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Level 5:	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clear:			<input type="checkbox"/>	<input type="checkbox"/>

Condition : Min <= Value <= Max

Hosts/Event Item Groups

Hosts: 0/60 Selected Hosts: 0

Hostname	Display Name	IP
<input type="checkbox"/> CentOS47-...	CENTOS4.7	
<input type="checkbox"/> CentOS62-...	CENTOS_6.2	
<input type="checkbox"/> CentOS64Bit	CENTOS_64BIT	
<input type="checkbox"/> Hyper-V_M...		
<input type="checkbox"/> KHUNLEE-PC	KHUNLEE-PC	
<input type="checkbox"/> KHENC2	XEN_TEST_GUE...	
<input type="checkbox"/> KVM-CentO...	KVM_TEST_01	
<input type="checkbox"/> KVM-Fedora22	KVM_TEST_FED...	
<input type="checkbox"/> Linux63-X8...	CENTOS6.3	
<input type="checkbox"/> MSBC	MSBC	

Staff Groups

Group Name	Staff Names
<input type="checkbox"/> BIZGROUP	HONG GILDONG,LEE SUNSIN
<input type="checkbox"/> OPERATION...	KIM MYUNGSOOK,KANG HUI
<input type="checkbox"/> PUSHGROUP	KIM JINBO,KU JAHEON,KIM DAERI
<input type="checkbox"/> TESTGROUP	KIM MYUNGSOOK

Click **Description and SMS Format**

Edit

Performance

Threshold

Description

Level1: ☐ \$ITEM:\$VALUE(Threshold:\$MIN)

Level2: ☐ \$ITEM:\$VALUE(Threshold:\$MIN)

Level3: ☐ \$ITEM:\$VALUE(Threshold:\$MIN)

Level4: ☐ \$ITEM:\$VALUE(Threshold:\$MIN)

Level5: ☐ \$ITEM:\$VALUE(Threshold:\$MIN) - \$EVENTNAME

Clear: ☐ \$ITEM:\$VALUE(Threshold:\$MIN) Cleared

Send Message Format

Level1: ☐ \$HOST-\$ITEM:\$VALUE(Threshold:\$MIN)

Level2: ☐ \$HOST-\$ITEM:\$VALUE(Threshold:\$MIN)

Level3: ☐ \$HOST-\$ITEM:\$VALUE(Threshold:\$MIN)

Level4: ☐ \$HOST-\$ITEM:\$VALUE(Threshold:\$MIN)

Level5: ☐ \$HOST-\$ITEM:\$VALUE(Threshold:\$MIN) - \$EVENTNAME

Clear: ☐ \$HOST-\$ITEM:\$VALUE(Threshold:\$MIN) Cleared

Macros :

\$HOST	Host Name
\$DISPLAYNAME	Display Name
\$IP	IP Address
\$EVENTNAME	Event Name
\$LEVEL	Event Level
\$DESC	Description
\$YYYY	Year
\$MM	Month
\$DD	Day
\$HH	Hour
\$NN	Minute
\$SS	Second

OK Cancel

- **Description Tab:** Set the event content defined by the user

- **Example**

- ◆ Specify the event definition and SMS transmission rule when the cumulative count of logs is above five.
 - ◆ Original Message : [MAC Context Error]SQCM00001(internet baking)[Cumulative Count:155][Input parsing Error(Numeric Field Error)][User Information(Subscriber No(Mobile))][Contact :XXX]
 - ◆ Event Pattern registration : Cumulative count above 5

- ◆ Set description and SMS Format using Macros, Delimiter

- ◆ The above screen is an example of defining the definition "Input parsing Error" for SMS transmission between [\$LOG(1)], [\$LOG(2)] and [\$LOG(3)], [\$LOG(4)]
- ◆ [\$LOG(1)] : Target of pattern matching is "MAC Context Error"
- ◆ [\$LOG(2)] : Target of pattern matching is "Cumulative count:155"
- ◆ [\$LOG(3)] : Target of pattern matching is "User Information(Subscriber No(Mobile))"
- ◆ [\$LOG(4)] : Target of pattern matching is "Contact:XXX"
- ◆ Example of Event Message

Event Information

Event Name : Check_Delimiter_and_Number ID : 355

Category : Log Level : 5

First Time : 2017-04-03 17:01:40 Last Time : 2017-04-03 17:01:40

Duration : 00:00:53 Count : 1

Description : [MAC Context Error][Cumulative count:155]Input parsing Error[User Information(Subscriber No(Mobile))][Contact:XXX]

Host Name : JSLEE onTune Name : 127.0.0.1

IP Address : 127.0.0.1 Group : Windows_Group,Windows_Group

Close

- The available macros are as follow

Item	Macro notation
Host Name	\$HOST
IP Address	\$IP
Event Name	\$EVENTNAME
Event Level	\$LEVEL
Description	\$DESC
Year	\$YYYY
Month	\$MM
Day	\$DD
Hour	\$HH
Minute	\$NN
Second	\$SS
Item Name	\$ITEM
Current Value	\$VALUE
Min Value	\$MIN
Max Value	\$MAX
Comparison Value	\$COMPARISON
Change item configured value	\$CHANGE

- Click **OK** to register.
- Click **Cancel** to cancel

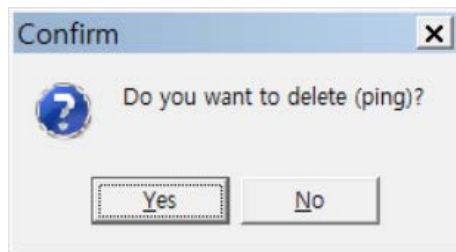
5.1.2 Modifying Event Detecting Conditions

Modify event detecting conditions by clicking the **Edit** button in the event window. The window for modifying is similar to the window for creating. Refer to "5.1.1 Creating Event Detecting Conditions."

5.1.3 Deleting Event Detecting Conditions

Delete event detecting conditions by clicking the **Delete** button in the event window.

The following confirmation window appears:

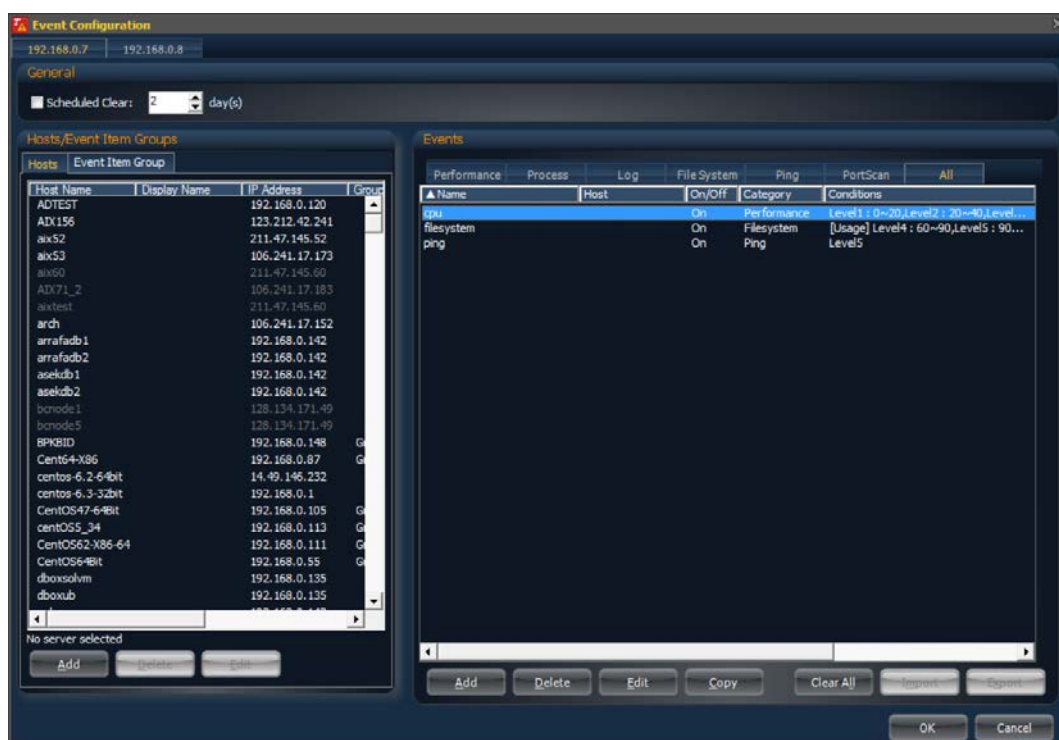


- Click **Yes** to delete.
- Click **No** to cancel.

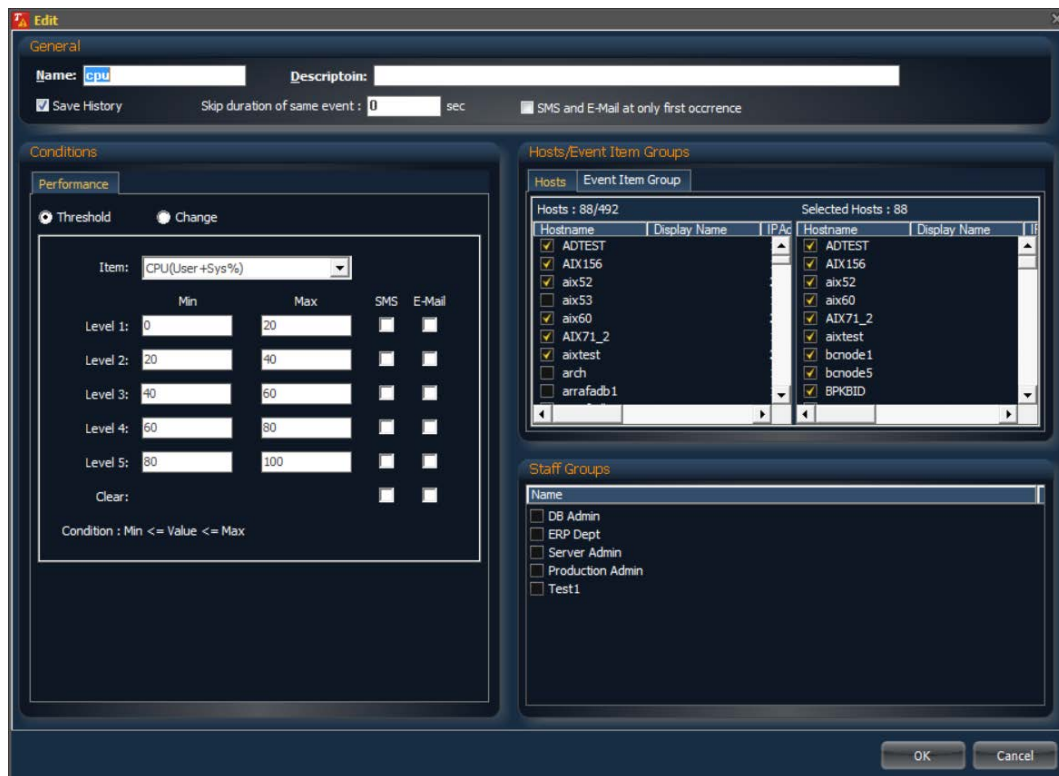
5.1.4 Creating Event Detecting Conditions by Copying Existing Conditions

If you need to create an event detecting condition similar to an existing one, copy the condition from the existing one, and use it to create the new one.

Click the **Copy** button in the event window after selecting a condition. The following is an example to copy from an existing condition named "cpu":



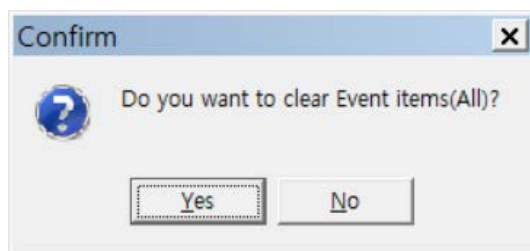
Modify the condition:



- Click **OK** to save.
- Click **Cancel** to cancel.

5.1.5 Deleting All Event Detecting Conditions.

To delete the entire event detecting conditions, click Clear All button in the event window:

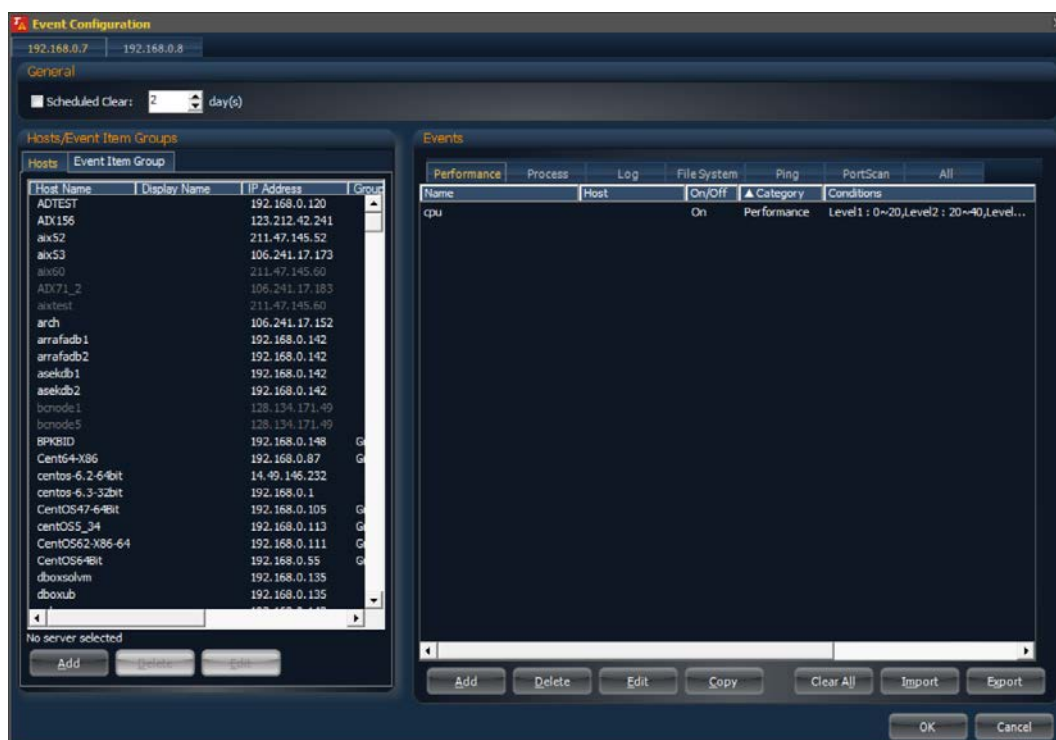


- Click **Yes** to delete.
- Click **No** to cancel.

5.1.6 Exporting and Importing Event Detecting Conditions

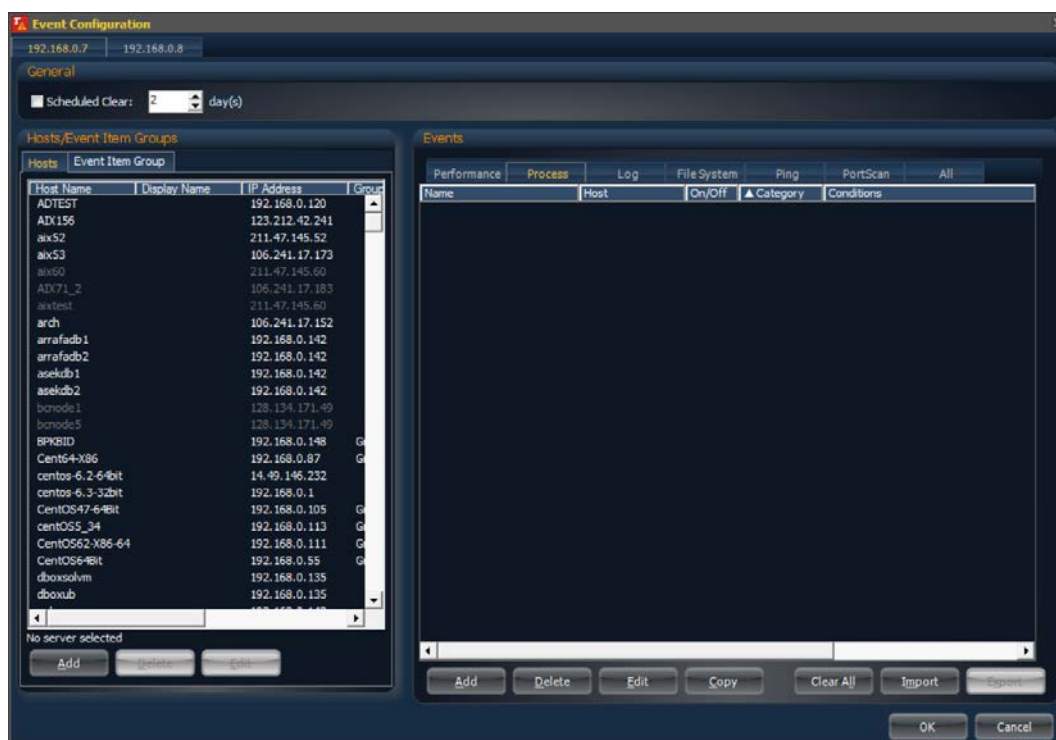
The user may export event detecting conditions to an external CSV-type file from the event detecting conditions window by clicking **Export** button. Only one category of event detecting conditions may be exported at a time.

The following is an example for exporting event detecting conditions which belongs to the Performance category:





Also, you may import event detecting conditions from an external CSV file. Only event detecting conditions of the same category to the window may be imported.

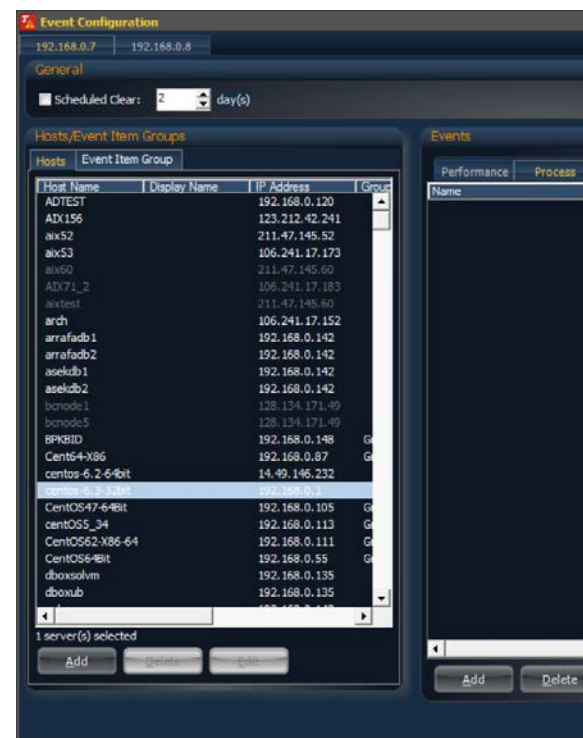
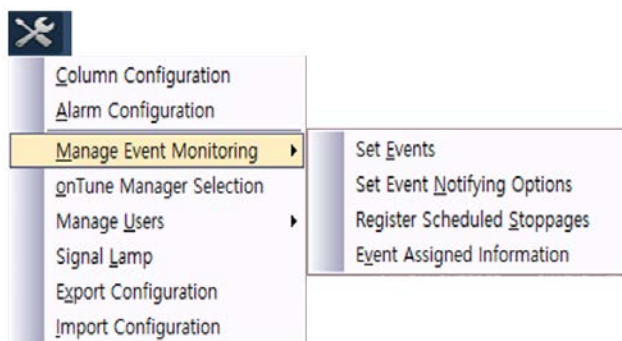
The following is an example to import event detecting conditions of the Process category:



5.2 Registering a Server(Host) where onTune Agent is not Installed

If you wish to monitor servers(hosts) where *onTune Agent* are not installed, you must register those servers(hosts) to *onTune Event* first. Only the ping test and port scanning test are monitored by *onTune* for these servers(hosts).

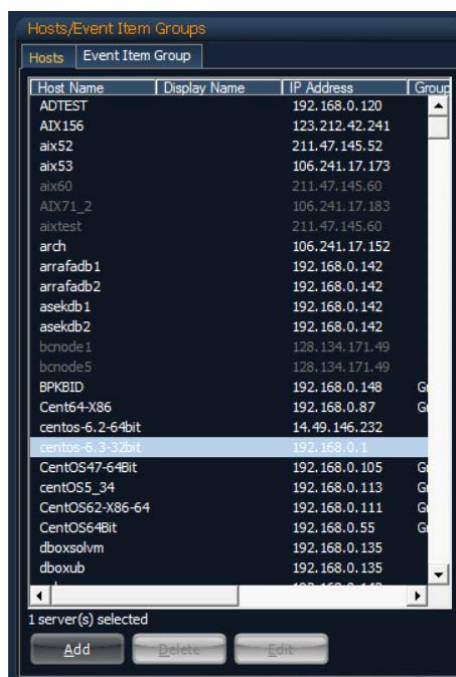
Click the home menu icon , and select **Manage Event Monitoring** → **Set Events** menu; or click the **Set Events** icon .



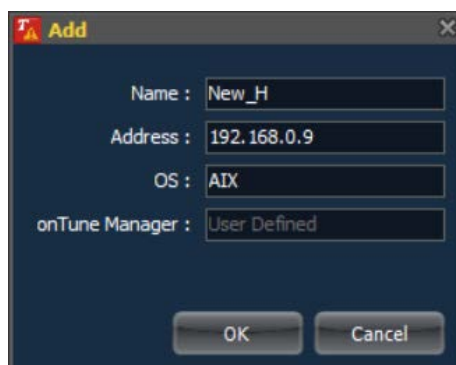
- **IP address tab:** The IP address of an *onTune Event Manager* for which the event detecting conditions will apply.
- **General:** Common conditions to apply.
 - **Scheduled Clear:** The event will be cleared upon passage of these days from its occurrence.
- **Hosts/Event Item Groups tabs**
 - **Hosts:** Available servers(hosts) for which the event detecting conditions apply.
 - **Event Item Groups:** Grouping of event detecting conditions to facilitate management.
- **Events:** The list of event detecting conditions.
 - Event detecting conditions list of each tab;
 - ◆ **Performance:** List of conditions related to system resource utilizations and performance such as CPU, memory, Disk IO, network IO, and others.

- ◆ **Process:** List of conditions related to processes.
- ◆ **Log:** List of conditions related to text patterns in the log files.
- ◆ **File System:** List of conditions related to file systems.
- ◆ **Ping:** List of conditions related to Ping test.
- ◆ **PortScan:** List of conditions related to TCP port scanning test.
- ◆ **All:** Integrated list of conditions.
- The columns are;
 - ◆ **Name:** The name of event detecting condition.
 - ◆ **Host:** Servers(hosts) for which the event detecting conditions apply. When a server(host) is select, this column will show whether the condition is applied to this server(host) or not.
 - ◆ **On/Off:** Shows whether this condition is activated or not.
 - ◆ **Category:** The categories of event detecting conditions. One of the tab menu.
 - ◆ **Conditions:** Event detecting conditions.

To register server(host) to *onTune*, click **Add** after selecting **Hosts** tab from **Hosts/Event Items Group** tabs.



The register server(host) window appears:



- **Name:** Server(host) name
- **Address:** IP address of the server(host).



- **OS**: Operating System of the server(host)
- **onTune Manager**: the *onTune Manager* that monitors this server(host)
- Click **OK** to register.
- Click **Cancel** to cancel.

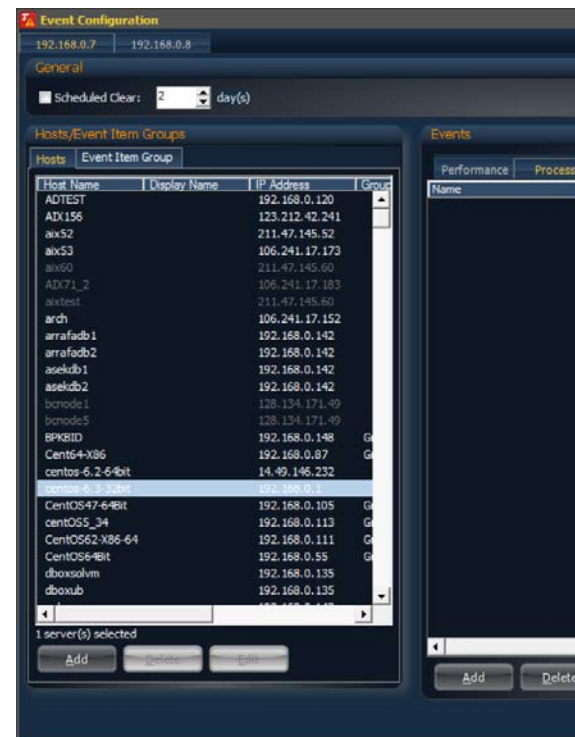
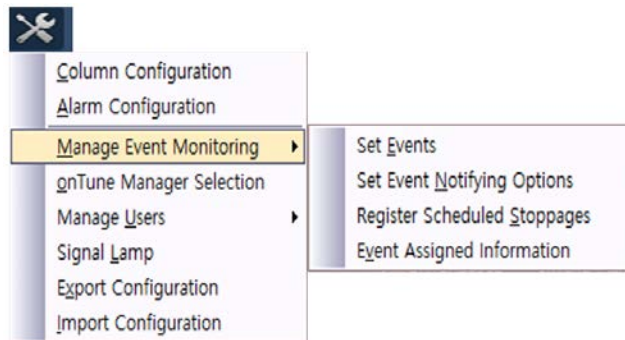
To modify the information of a Server(host), select a server(host) from the list and click the **Edit** button. (You cannot modify the information of the server(host) where *onTune Agent* runs.)

To delete the information of a Server(host), select a server(host) from the list and click **Delete** button. (You cannot delete the information of the server(host) where *onTune Agent* runs.)

5.3 Setting Event Items Group

The event detecting conditions which apply to the same servers and staffs may be tied to an event items group.

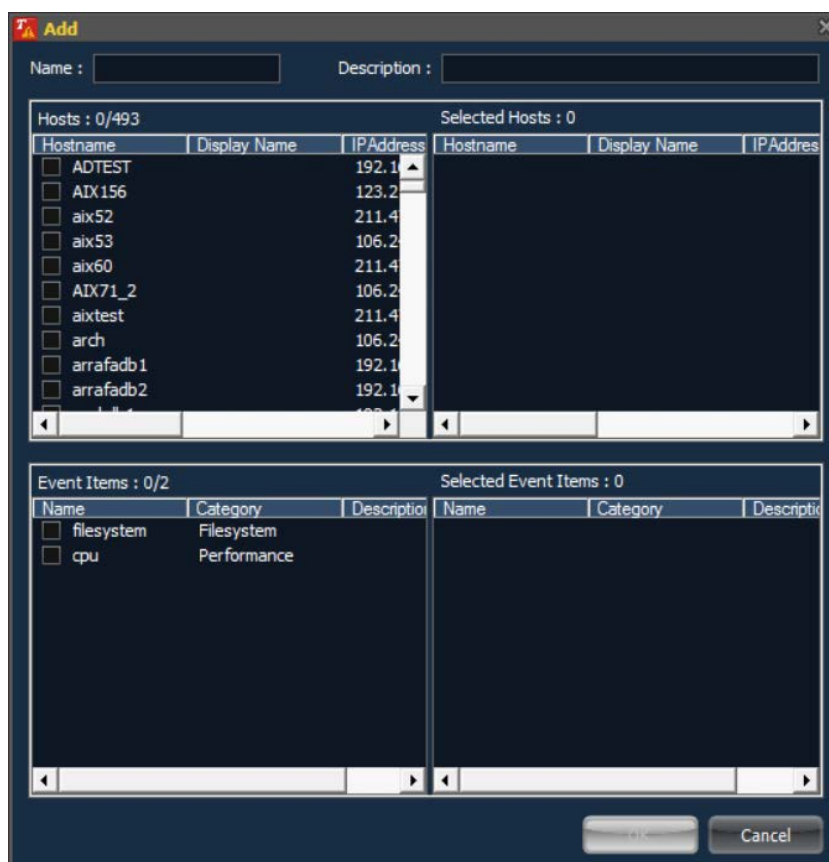
Click home menu icon , and select **Manage Event Monitoring** → **Set Events** menu; or click the **Set Events** icon .



- **IP address tab:** The IP address of an *onTune Event Manager* for which event detecting conditions apply.
- **General:** Common conditions to apply.
 - **Scheduled Clear:** the event is cleared upon passage of these days from its occurrence.
- **Hosts/Event Item Groups tabs**
 - **Hosts:** Available servers(hosts) for which the event detecting conditions apply.
 - **Event Item Groups:** Grouping of event detecting conditions to facilitate management.
- **Events:** The list of event detecting conditions.
 - Event detecting conditions list of each tab;
 - ◆ **Performance:** List of conditions related to system resource utilizations and performance such as CPU, memory, Disk IO, network IO, and others.
 - ◆ **Process:** List of conditions related to processes.
 - ◆ **Log:** List of conditions related to text patterns in the log files.
 - ◆ **File System:** List of conditions related to file systems.

- ◆ **Ping:** List of conditions related to Ping test.
- ◆ **PortScan:** List of conditions related to TCP port scanning test.
- ◆ **All:** Integrated list of conditions.
- The columns are:
 - ◆ **Name:** The name of event detecting condition.
 - ◆ **Host:** Servers(hosts) for which the event detecting conditions apply. When a server(host) is selected, this column will show, whether this condition is applied to this server(host) or not.
 - ◆ **On/Off:** Shows whether this condition is activated or not.
 - ◆ **Category:** The categories of event detecting conditions. One of the tab menu.
 - ◆ **Conditions:** Event detecting conditions.

To register server(host) to *onTune*, click **Add** after selecting **Event Items Group** tab from **Hosts/Event Items Group** tabs:



- **Name:** Event items group name.
- **Description:** Short description of this event items group.
- **Hosts;**
 - **Hosts:** Available server(host) list. Server will be included in the selected server list if checked.
 - **Selected Hosts:** The list of the servers(hosts) selected. When checked, server name is added automatically.
- **Event Items;**
 - **Event Items:** Available event items or conditions list. Conditions will be included in the selected event items or conditions list if checked.
 - **Selected Hosts:** The list of the items or conditions selected. When checked, item or condition name is added automatically.

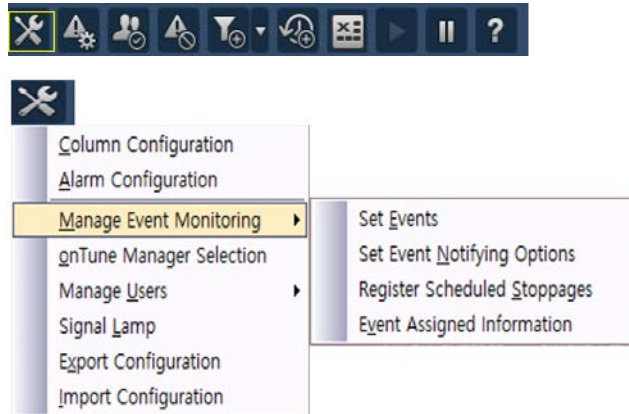
To modify the information of an event items group, select an event items group from list and click **Edit** button.

To delete the information of an event items group, select an event items group from list and click **Delete** button.

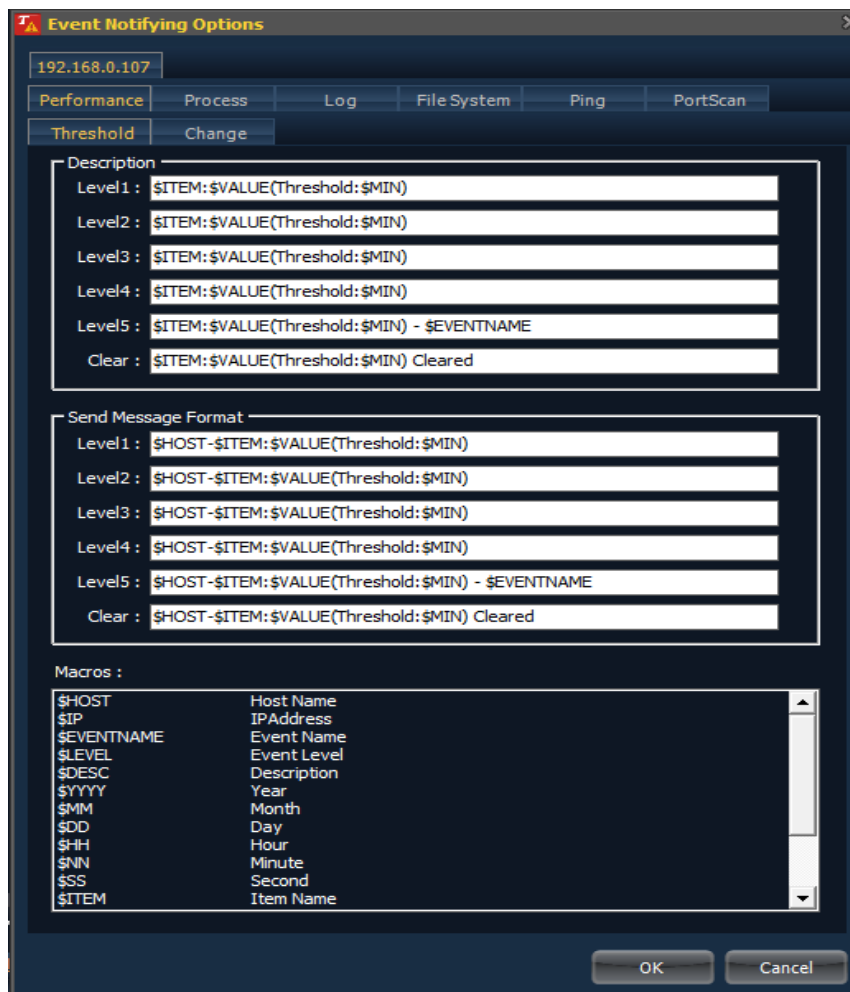
5.4 Setting Event Notifying Messages

Define the message format for display in the Event Viewer window, or to relay to the staffs via short message service(SMS) or E-Mail.

Click home menu icon , and select **Manage Event Monitoring** → **Set Event Notifying Options**.



To define the message format for **Performance** category events, see below:



- **IP Address tab:** The IP Address of *onTune Manager* for which the settings

- apply.
- **Performance tab;**
 - **Description:** Define message format to display on *onTune Event Viewer* window.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
 - **Send Message Format:** Define message format to relay to staffs via short message service(SMS), or E-Mail.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
 - Click **OK** to apply.
 - Click **Cancel** to cancel.

The macros are as follows:

Item	Macro
Host Name	\$HOST
IP Address	\$IP
Event Name	\$EVENTNAME
Event Level	\$LEVEL
Description	\$DESC
Year	\$YYYY
Month	\$MM
Day	\$DD
Hour	\$HH
Minute	\$NN
Second	\$SS
Item Name	\$ITEM
Current Value	\$VALUE
Min Value	\$MIN
Max Value	\$MAX
Comparison Value	\$COMPARISON
Change item configured value	\$CHANGE

To define the message format for **Process** category events, see below:

Event Notifying Options

192.168.0.107

Performance **Process** Log File System Ping PortScan

Count onTune Agent

Description

Level1: \$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Level2: \$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Level3: \$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Level4: \$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Level5: \$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Clear: \$PROCESS:ProcessCount_\$COUNT(OK,Required_\$MIN~\$MAX) Cleared

Send Message Format

Level1: \$HOST-\$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Level2: \$HOST-\$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Level3: \$HOST-\$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Level4: \$HOST-\$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Level5: \$HOST-\$PROCESS:ProcessCount_\$COUNT(NOK,Required_\$MIN~\$MAX)

Clear: \$HOST-\$PROCESS:ProcessCount_\$COUNT(OK,Required_\$MIN~\$MAX) Cleared

Macros :

\$HOST	Host Name
\$IP	IP Address
\$EVENTNAME	Event Name
\$LEVEL	Event Level
\$DESC	Description
\$YYYY	Year
\$MM	Month
\$DD	Day
\$HH	Hour
\$NN	Minute
\$SS	Second
\$PROCESS	Process Name

OK Cancel

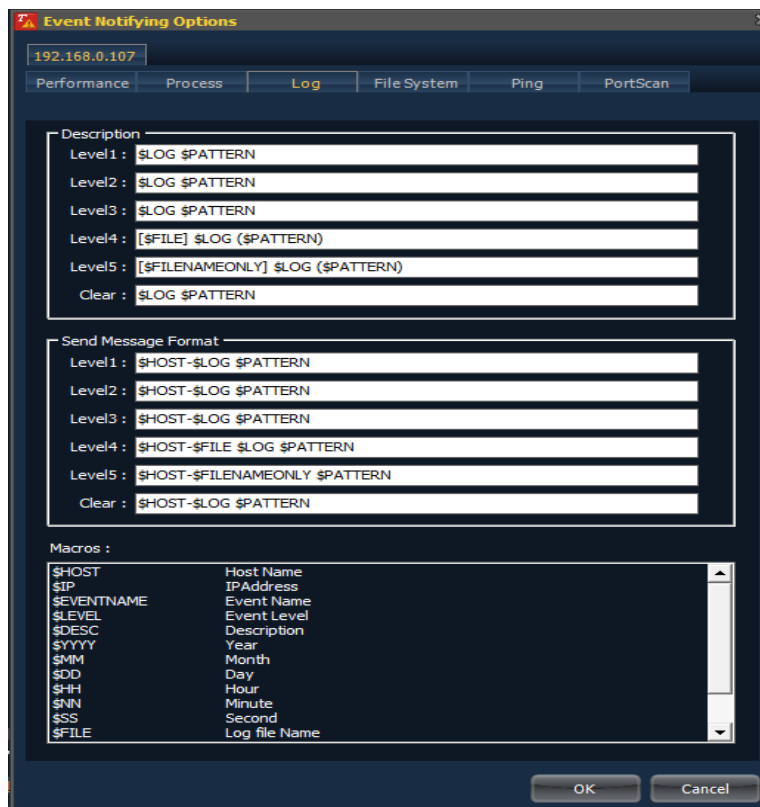
- **IP Address tab:** The IP Address of *onTune Manager* for which settings apply.
- **Performance tab;**
 - **Description:** Define message format to display on *onTune Event Viewer* window.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
 - **Send Message Format:** Define message format to relay to staffs via short message service(SMS), or E-Mail.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
- Click **OK** to apply.
- Click **Cancel** to cancel.

The macros are as follows:

Item	Macro
Host Name	\$HOST

IP Address	\$IP
Event Name	\$EVENTNAME
Event Level	\$LEVEL
Process Name	\$PROCESS
User Name	\$USER
Exception String	\$EXCEPT
Current Count	\$COUNT
Min Count	\$MIN
Max Count	\$MAX

To define the message format for **Log** category events, see below:



- **IP Address tab:** The IP Address of *onTune Manager* for which settings apply.
- **Performance tab;**
 - **Description:** Define message format to display on *onTune Event Viewer* window.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
 - **Send Message Format:** Define message format to relay to staffs via short message service(SMS), or E-Mail.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
- Click **OK** to apply.
- Click **Cancel** to cancel.

The macros are as follows:

Item	Macro
Host Name	\$HOST
IP Address	\$IP
Event Name	\$EVENTNAME
Event Level	\$LEVEL
Description	\$DESC
Year	\$YYYY
Month	\$MM
Day	\$DD
Hour	\$HH
Minute	\$NN
Second	\$SS
Log file name	\$FILE
Log line	\$LOG
Log Pattern	\$PATTERN
Log File Name only	\$FILENAMEONLY

To define the message format for **File System** category events, see below:

192.168.0.107

Performance Process Log **File System** Ping PortScan

Description

Level1: \$MOUNT(\$VALUE)

Level2: \$MOUNT(\$VALUE)

Level3: \$MOUNT(\$VALUE)

Level4: \$MOUNT(\$VALUE)

Level5: \$MOUNT(\$VALUE)

Clear: \$MOUNT(\$VALUE) Cleared

Send Message Format

Level1: \$HOST-\$MOUNT(\$VALUE)

Level2: \$HOST-\$MOUNT(\$VALUE)

Level3: \$HOST-\$MOUNT(\$VALUE)

Level4: \$HOST-\$MOUNT(\$VALUE)

Level5: \$HOST-\$MOUNT(\$VALUE)

Clear: \$HOST-\$MOUNT(\$VALUE) Cleared

Macros :

\$HOST	Host Name
\$IP	IP Address
\$EVENTNAME	Event Name
\$LEVEL	Event Level
\$DESC	Description
\$YYYY	Year
\$MM	Month
\$DD	Day
\$HH	Hour
\$NN	Minute
\$SS	Second
\$MOUNT	Mount Point

OK Cancel

- **IP Address tab:** The IP Address of *onTune Manager* for which settings apply.
- **Performance tab;**
 - **Description:** Define message format to display on *onTune Event Viewer* window.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
 - **Send Message Format:** Define message format to relay to staffs via short message service(SMS), or E-Mail.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
- Click **OK** to apply.
- Click **Cancel** to cancel.

The macros are as follows:

Item	Macro
Host Name	\$HOST
IP Address	\$IP
Event Name	\$EVENTNAME
Event Level	\$LEVEL

Description	\$DESC
Year	\$YYYY
Month	\$MM
Day	\$DD
Hour	\$HH
Minute	\$NN
Second	\$SS
Mount Point	\$MOUNT
Current Value	\$VALUE
Min Value	\$MIN
Max Value	\$MAX

To define the message format for **Ping test** category events, see below:

Event Notifying Options

192.168.0.107

Performance | Process | Log | File System | **Ping** | PortScan

Description

Level1 : Ping Fail(\$REASON)

Level2 : Ping Fail(\$REASON)

Level3 : Ping Fail(\$REASON)

Level4 : Ping Fail(\$REASON)

Level5 : Ping Fail(\$REASON)

Clear : Ping success(\$REASON) Cleared

Send Message Format

Level1 : \$HOST-Ping Fail(\$REASON)

Level2 : \$HOST-Ping Fail(\$REASON)

Level3 : \$HOST-Ping Fail(\$REASON)

Level4 : \$HOST-Ping Fail(\$REASON)

Level5 : \$HOST-Ping Fail(\$REASON)

Clear : \$HOST-Ping success(\$REASON) Cleared

Macros :

\$HOST	Host Name
\$IP	IPAddress
\$EVENTNAME	Event Name
\$LEVEL	Event Level
\$DESC	Description
\$YYYY	Year
\$MM	Month
\$DD	Day
\$HH	Hour
\$NN	Minute
\$SS	Second
\$REASON	Fail Reason

OK Cancel

- **IP Address tab:** The IP Address of *onTune Manager* for which settings apply.
- **Performance tab;**
 - **Description:** Define message format to display on *onTune Event Viewer* window.

- ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
- **Send Message Format:** Define message format to relay to staffs via short message service(SMS) or E-Mail.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
- Click **OK** to apply.
- Click **Cancel** to cancel.

The macros are as follows:

Item	Macro
Host Name	\$HOST
IP Address	\$IP
Event Name	\$EVENTNAME
Event Level	\$LEVEL
Description	\$DESC
Year	\$YYYY
Month	\$MM
Day	\$DD
Hour	\$HH
Minute	\$NN
Second	\$SS
Fail Reason	\$REASON

To define the message format for **Port scanning test** category events, see below:

Event Notifying Options

192.168.0.107

Performance Process Log File System Ping PortScan

Description

Level1 : \$SERVICE(\$PORT) failed

Level2 : \$SERVICE(\$PORT) failed

Level3 : \$SERVICE(\$PORT) failed

Level4 : \$SERVICE(\$PORT) failed

Level5 : \$SERVICE(\$PORT) failed

Clear : \$SERVICE(\$PORT) success Cleared

Send Message Format

Level1 : \$HOST-\$SERVICE(\$PORT) failed

Level2 : \$HOST-\$SERVICE(\$PORT) failed

Level3 : \$HOST-\$SERVICE(\$PORT) failed

Level4 : \$HOST-\$SERVICE(\$PORT) failed

Level5 : \$HOST-\$SERVICE(\$PORT) failed

Clear : \$HOST-\$SERVICE(\$PORT) success Cleared

Macros :

\$HOST	Host Name
\$IP	IP Address
\$EVENTNAME	Event Name
\$LEVEL	Event Level
\$DESC	Description
\$YYYY	Year
\$MM	Month
\$DD	Day
\$HH	Hour
\$NN	Minute
\$SS	Second
\$SERVICE	Service Name

OK Cancel

- **IP Address tab:** The IP Address of *onTune Manager* for which settings apply.
- **Performance tab;**
 - **Description:** Define message format to display on *onTune Event Viewer* window.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
 - **Send Message Format:** Define message format to relay to staffs via sort message service(SMS) or E-Mail.
 - ◆ **Level1, Level2, Level3, Level4, Level5, and Clear:** Define message formats for each level of events, and clearing events.
- Click **OK** to apply.
- Click **Cancel** to cancel.



The macros are as follows:

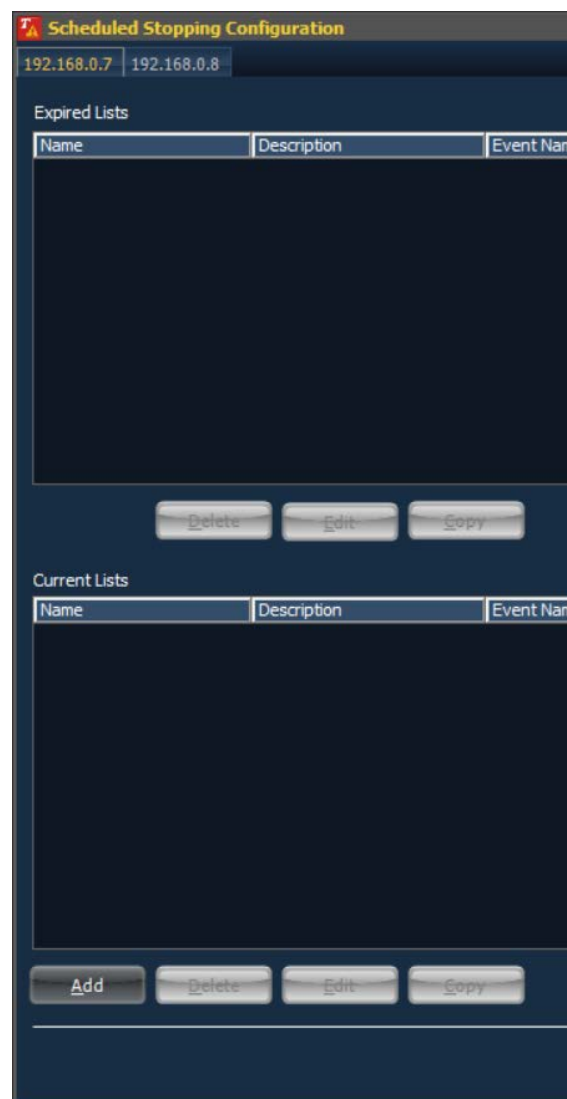
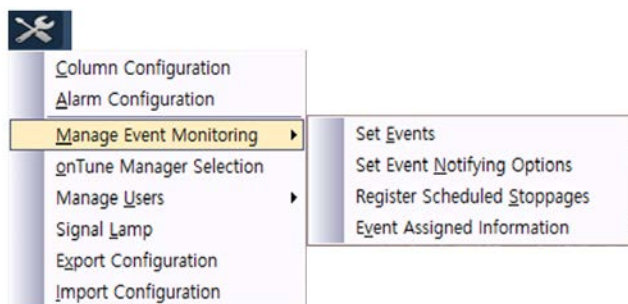
Item	Macro
Host Name	\$HOST
IP Address	\$IP
Event Name	\$EVENTNAME

Event Level	\$LEVEL
Description	\$DESC
Year	\$YYYY
Month	\$MM
Day	\$DD
Hour	\$HH
Minute	\$NN
Second	\$SS
Service Name	\$SERVICE
Port Number	\$PORT

5.5 Setting Scheduled Stoppage

You may need to exclude certain time periods from event monitoring for system backup, updates etc.

Click home menu icon , and select **Manage Event Monitoring** → **Register Scheduled Stoppages**; or click Register Scheduled Stoppage icon .



- **IP Address tab:** The IP Address of *onTune Manager* for which settings apply.
- **Expired List:** The list of expired registered, scheduled stoppages. The list remains until removed by the delete button.
 - **Name:** Name of registered scheduled stoppage.
 - **Description:** Short description of registered scheduled stoppage.
 - **Event Name(or Pattern):** Event name or pattern to register.

- **Hosts:** The servers(hosts) to apply these conditions.
- **Current List:** The list of currently valid registered scheduled stoppages.

Click **Add** button to register new scheduled stoppage.

Add

General

Name : Weekend_Upgrade Description : Time to update system patches

Exception

☒ Event ☐ SMS ☐ E-Mail

Type

☒ Event ☐ Pattern

Name	Category	Description
cpu	Performance	
filesystem	Filesystem	
ping	Ping	

Hosts

☐ All Hosts

Hosts : 6/492 Selected Hosts : 6

Hostname	Display Name	IPA	Hostname	Display Name	IPA
<input type="checkbox"/> aix52			<input checked="" type="checkbox"/> arch		
<input checked="" type="checkbox"/> arch			<input checked="" type="checkbox"/> ONTUNE2012		
<input type="checkbox"/> ubuntu64			<input checked="" type="checkbox"/> sjopen2_5		
<input type="checkbox"/> aixtest			<input checked="" type="checkbox"/> CentOS64Bit		
<input checked="" type="checkbox"/> ONTUNE2012			<input checked="" type="checkbox"/> IBM-Lpar 1		
<input type="checkbox"/> bcnode5			<input checked="" type="checkbox"/> hao-test		
<input checked="" type="checkbox"/> hao-test					
<input checked="" type="checkbox"/> IBM-Lpar 1					
<input type="checkbox"/> TEEMSTON...					
<input checked="" type="checkbox"/> sjopen2_5					
<input type="checkbox"/> ONTUNEHA...					
<input type="checkbox"/> VCENTER510					
<input checked="" type="checkbox"/> CentOS64Bit					
<input type="checkbox"/> prehp01					
<input type="checkbox"/> OraSol10x86					

Period ☒ Period ☐ Time And Day

Start (yyyy-mm-dd hh:mm) : 2015-02-08 04:53

End (yyyy-mm-dd hh:mm) : 2015-02-08 05:53

OK Cancel

- **General:** General conditions of scheduled stoppage.
 - **Name:** Name of registered scheduled stoppage.
 - **Description:** Short description of registered scheduled stoppage.
 - **Exception:** The not-to-do list .
 - ◆ **Event:** Stop issuing event.
 - ◆ **SMS:** Stop sending message via short message service(SMS).
 - ◆ **E-Mail:** Stop sending message via E-Mail
- **Type:** Define the type of scheduled stoppage.

Type

☒ Event ☐ Pattern

Category

☐ All Categories

☐ Performance

☒ Process

☐ Log

☐ Filesystem

☐ Ping

☐ PortScan

Pattern :

- **Event:** Stop issuing event selected.
- **Pattern:** Stop issuing event if it contains the text string patterns defined.

- ◆ Category: Event categories.
 - All Category: Apply to all categories if checked.
 - Apply to each category if checked.
- ◆ Pattern: Input the text string pattern for matching.
- **Hosts:** Apply scheduled stoppage condition to selected servers(hosts).
 - **All Hosts:** Apply to all servers(hosts)
 - **Hosts:** Available server(host) list. Server will be included in the selected list if checked.
 - **Selected Hosts:** The list of the servers(hosts) selected. When checked, server name is added automatically.
- Define time to apply:

- **Period:** Define start and end time to stop detecting events in yyyy-mm-dd hh:mm:ss format.
- **Time And Day:** Define time for each day to apply.
 - ◆ **Stopping Day(s):** Define days of the week.
 - **Select the day(s) of week**
 - **Everyday:** Apply to every day of the week.
 - Apply to each day if checked.
 - **Select the specified date(s):** Select dates from the calendar to apply.
 - ◆ **Stopping Time of Selected Day(s):**
 - **All Day:** Entire day.
 - Define start and end time to stop detecting events in hh:mm format.

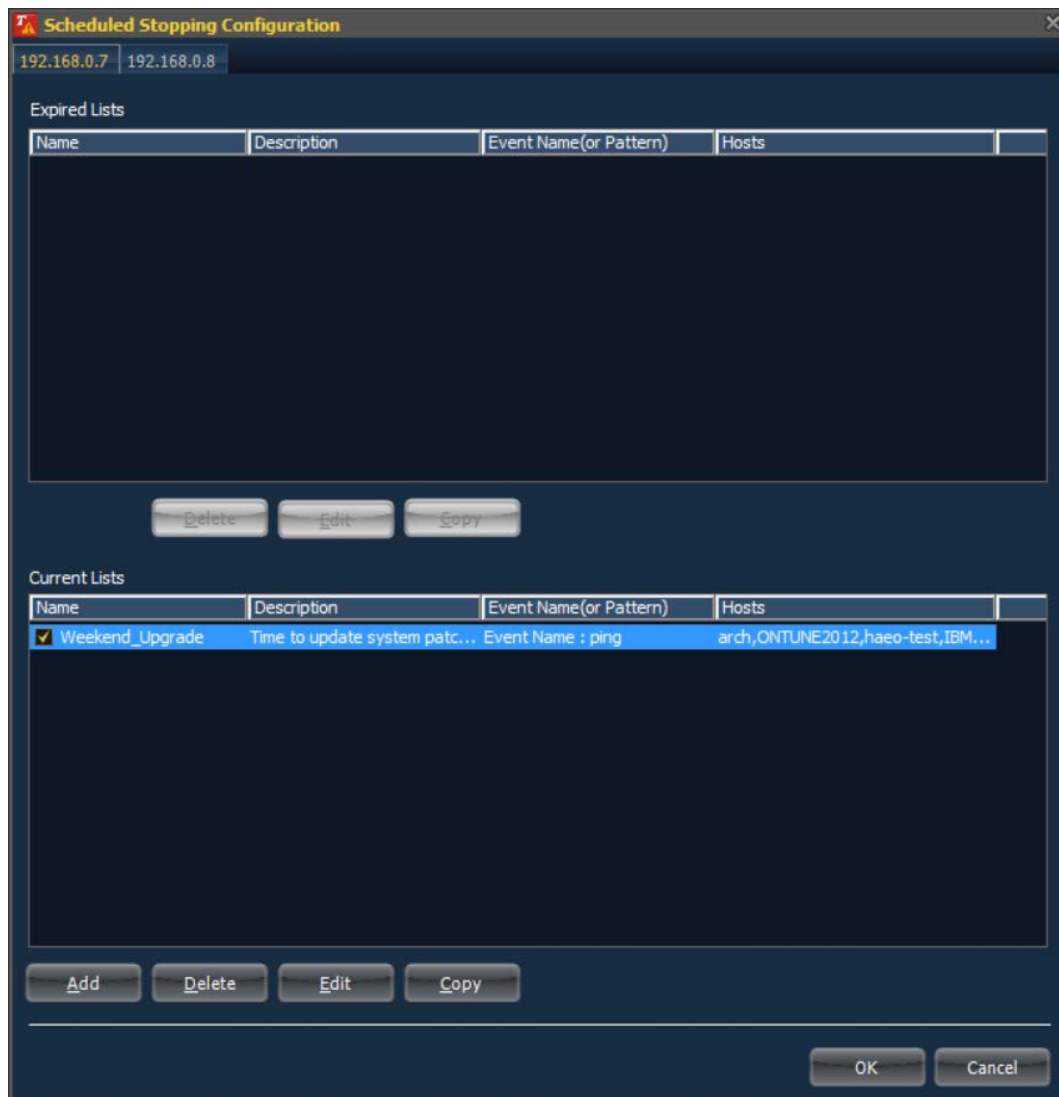
To modify the information of registered scheduled stoppages, select a scheduled stoppage from list, and click the **Edit** button.

To delete the information of registered scheduled stoppages, select a scheduled stoppage from list, and click the **Delete** button.

If you wish to create a scheduled stoppage condition similar to an existing condition, copy from an existing registered scheduled stoppage, and use it to create a new one.

Click the **Copy** button in the scheduled stoppage list window after selecting a condition.

The following is an example to copy from an existing condition named "Weekend_Update":



A new row is added in the list after clicking the **Copy** button. Select the new row and click **Edit**.

Scheduled Stopping Configuration

192.168.0.7 192.168.0.8

Expired Lists

Name	Description	Event Name(or Pattern)	Hosts
------	-------------	------------------------	-------

Delete Edit Copy

Current Lists

Name	Description	Event Name(or Pattern)	Hosts
<input checked="" type="checkbox"/> Weekend_Upgrade	Time to update system patc...	Event Name : ping	arch,ONTUNE2012,haeo-test,IBM...
<input checked="" type="checkbox"/> Weekend_Upgrade(1)	Time to update system patc...	Event Name : ping	arch,ONTUNE2012,haeo-test,IBM...

Add Delete Edit Copy

OK Cancel

Edit

General

Name : Description :

Exception

☒ Event ☐ SMS ☐ E-Mail

Type

☒ Event ☐ Pattern

Name	Category	Description
cpu	Performance	
filesystem	Filesystem	
ping	Ping	

Hosts

☐ All Hosts

Hosts : 6/492 Selected Hosts : 6

Hostname	Display Name	IPA
<input type="checkbox"/> aix52		
<input checked="" type="checkbox"/> arch		
<input type="checkbox"/> ubuntu64		
<input type="checkbox"/> aixtest		
<input checked="" type="checkbox"/> ONTUNE20 12		
<input type="checkbox"/> bcnode5		
<input checked="" type="checkbox"/> haoe-test		
<input checked="" type="checkbox"/> IBM-Lpar 1		
<input type="checkbox"/> TEEMSTON...		
<input checked="" type="checkbox"/> sjopen2_5		
<input type="checkbox"/> ONTUNEHA...		
<input type="checkbox"/> VCENTER510		
<input checked="" type="checkbox"/> CentOS64Bit		
<input type="checkbox"/> prehp01		
<input type="checkbox"/> OraSol10x86		

Period ☒ Time And Day

Start (yyyy-mm-dd hh:mm) :

End (yyyy-mm-dd hh:mm) :

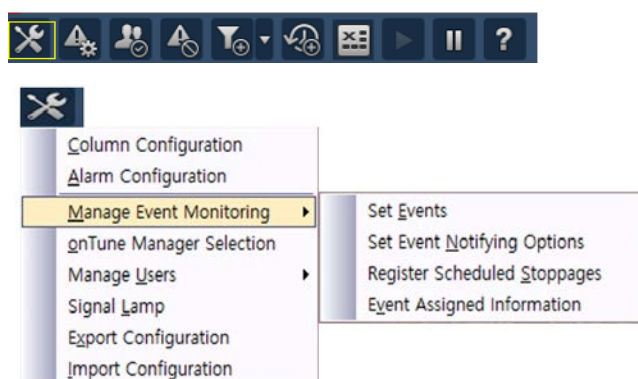
OK Cancel

- Modify it in the same way as creating.
- Click **OK** to save.
- Click **Cancel** to cancel.

5.6 Managing Assigned Event Information by User/Server

You may need to investigate certain Event configuration of the system by server and per user. Provides external save function of the set event contents in the form of CSV file.

Click home menu icon , and select **Manage Event Monitoring → Event Assigned Information**;



Event Assigned Information

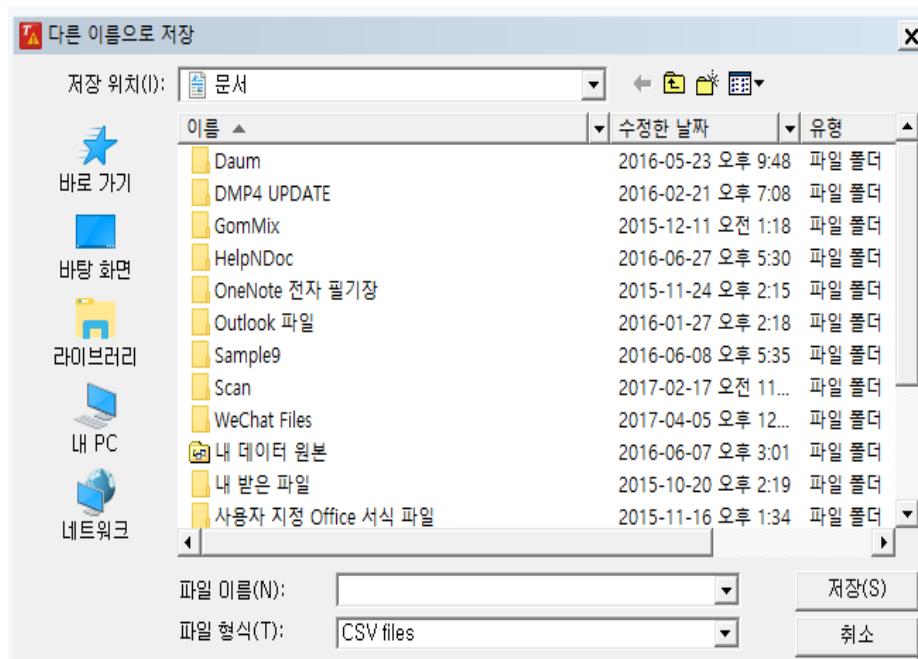
192.168.0.107

Hostname

Hostname	Eventname	Category	MemberGroup	Member
aix53	NW_Gap	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
aix53	FS_test	Filesystem	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
aix53	ontuned	Process	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
aix53	동적_CPU_Usage_Check	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
aix53	CPU_all	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
aix53	MEM_all	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	FS_test	Filesystem	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	MEM_all	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	동적_CPU_Usage_Check	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	동적_MEM_Usage	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	df_g_check	Filesystem	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	ssh_Check	PortScan	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	NW_Gap	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	cputest	Process	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	ontuned	Process	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	pattern_test	Log	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	ping_감시	Ping	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	format_test	Log	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
CentOS47-64Bit	CPU_all	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centOS5_34	CPU_all	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centOS5_34	MEM_all	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centOS5_34	동적_CPU_Usage_Check	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	MEM_all	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	동적_CPU_Usage_Check	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	동적_MEM_Usage	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	df_g_check	Filesystem	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	NW_Gap	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	CPU_Test(60s)	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	CPU_Test(600s)	Performance	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	FS_test	Filesystem	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	ontuned	Process	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...
centos6.6	HANG_DiskIO_Check	Log	PUSHGROUP	"KIM JINBO", "KU JAHEON", "...

Export Close

- **Hostname:** Information of event setting for each server is displayed
- **Member:** Information of event setting set by the user and the target server is displayed.
- **Export :** Save the contents displayed in the current screen as a CSV file



6. Creating a Report

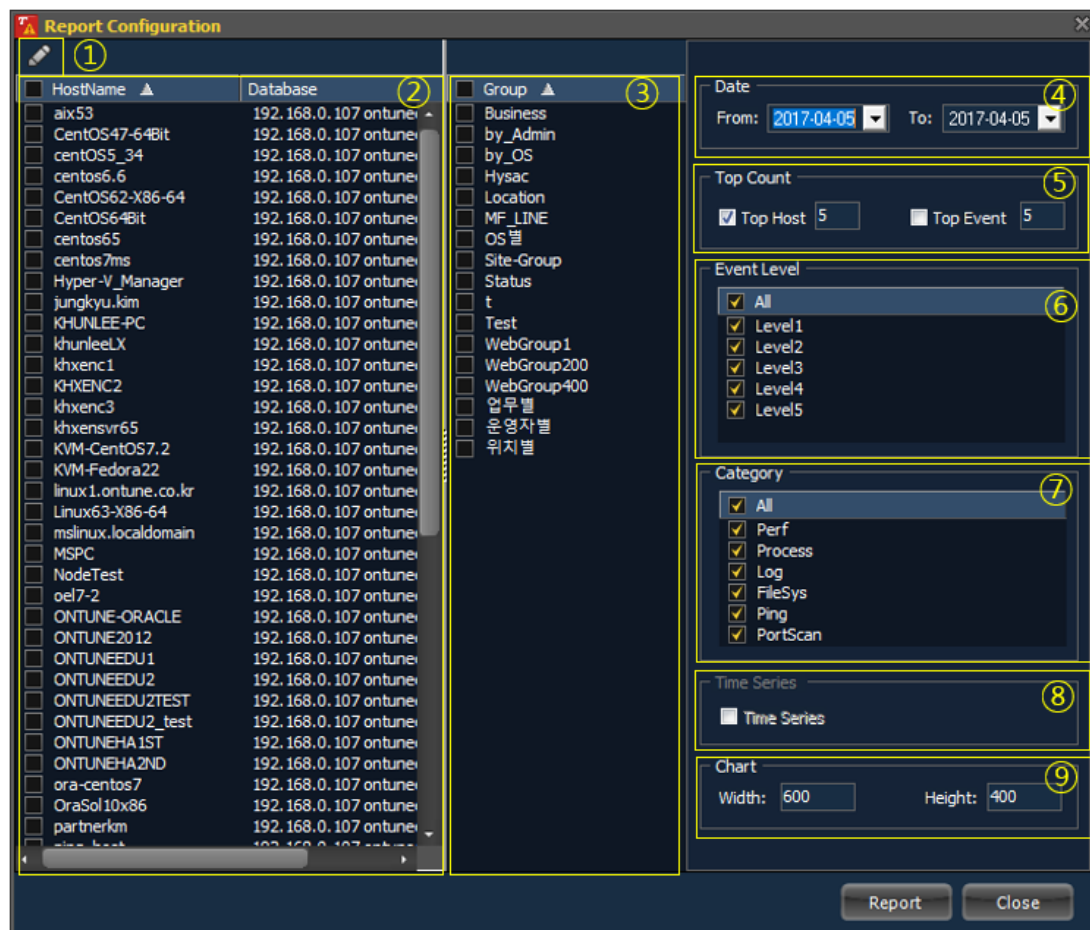
The event report provides the function to build the report of the occurrence by the period, cumulative count, event level, event type as an Excel form report

6.1 Creating user defined Event report in Excel

The following report settings window display when you click the **Report** icon

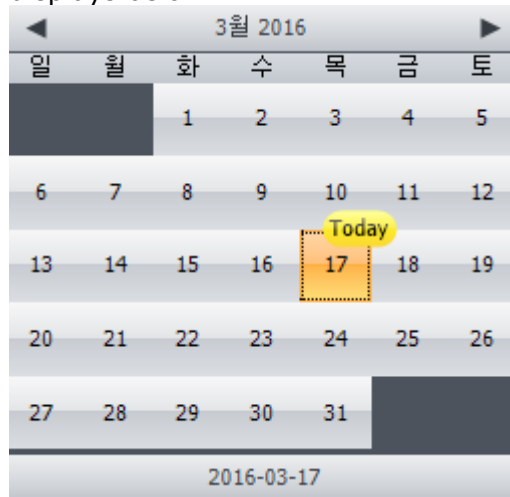


Basic screen is as follows



- ① To save current settings as a profile, or load pre-defined settings.
- ② Select servers.
- ③ Select by user-specified management group.
- ④ Select **start** and **end** date. Click **From** to select the start date from the calendar. Click **To** to select the end date from the calendar. Calendar

displays below:



- √ signifies that date will be included in the report. Click the particular date to unselect it.
 - Clicking selection in between Except Sunday and Except Saturday, will exclude that day in the report.
 - Even if you exclude a day by checking the **Except** option, the particular date may still be included by checking the date from the calendar.
- ⑤ Function to filter based on the cumulative count for events.

■ Example

Item,	User define value	Meaning
Top Host	5	Filtering top 5 servers based on the sum of cumulative event count of individual hosts
Top Event	5	Filtering top 5 events based on the sum of cumulative event count of individual events

- ⑥ Function to define the event level (All, Level 1 ~ Level 5)
- ⑦ Function to define the event category (All, Performance, Process, Log, FileSystem, Ping, PortScan)
- ⑧ It is a function to generate reports as a time series chart, but using Top count function, it doesn't support time series chart.
- ⑨ It is a function to specify the size of the graph on report.
- Click **Close** to close window.

Click **Report** to start report creation after setting the parameters as above:



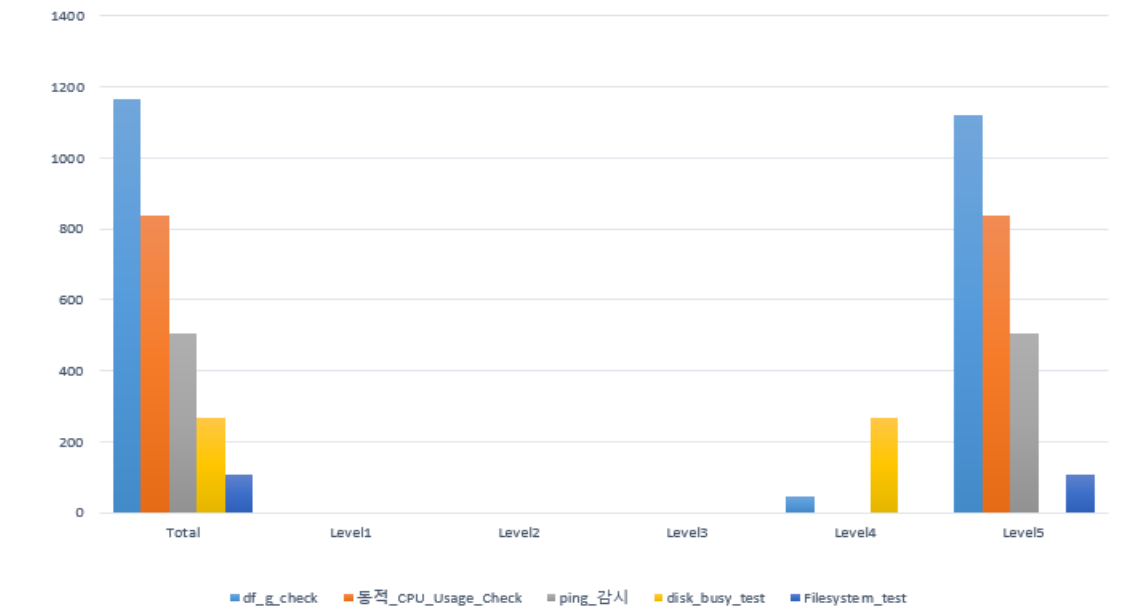
- The progress bar appears.

The report will be created in Excel with several sheets. The following is an example:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1																							
2	2017-04-01 ~ 2017-04-05																						
3	Top 10 Host, Top 5 Event																						
4	Level: 1,2,3,4,5																						
5	Category: Perf,Process,Log,FileSys,Ping,PortS																						
6																							
7	Hostname	Total	Perf						Process						Log						Fi		
Level1			Level2	Level3	Level4	Level5	sub total	Level1	Level2	Level3	Level4	Level5	sub total	Level1	Level2	Level3	Level4	Level5	sub total	Level1	Level2	Level3	
9	centos65	34	0	0	0	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	KVM-Fedora22	33	0	0	0	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	cel7-2	49	0	0	0	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	ONTUNE2012	404	0	0	0	774	125	399	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0
13	OraSol10x86	1119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	rx2660	24	0	0	0	0	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	TEEMSTONE-SB	112	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	VCENTER6	631	0	0	0	0	631	631	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	vioc4	78	0	0	0	0	1	1	28	0	2	0	0	30	0	0	0	0	0	0	0	0	0
18	VIOS1	506	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A	B	C	D	E	F	G	H	I	J	K
	2017-04-01 ~ 2017-04-05										
	Top 10 Host, Top 5 Event										
	Level: 1,2,3,4,5										
	Category: Perf,Process,Log,FileSys,Ping,PortScan										
	TopEvent	Total	Level1	Level2	Level3	Level4	Level5				
	df_g_check	1166	0	0	0	47	1119				
	동적_CPU_Usage_Check	839	0	0	0	0	839				
	ping_감시	506	0	0	0	0	506				
	disk_busy_test	267	0	0	0	267	0				
	Filesystem_test	109	0	0	0	0	109				

Top 5 Event Summary



A	B	C	D	E	F	G	H	I	J	K
2017-04-01 ~ 2017-04-05										
Top 10 Host, Top 5 Event										
Level: 1,2,3,4,5										
Category: Perf,Process,Log,FileSys,Ping,PortScan										
Hostname	Total	Perf	Process	Log	FileSys	Ping	PortScan			
centos65	34	34	0	0	0	0	0			
KVM-Fedora22	33	33	0	0	0	0	0			
oel7-2	49	49	0	0	0	0	0			
ONTUNE2012	404	399	0	5	0	0	0			
OraSol10x86	1119	0	0	0	1119	0	0			
rx2660	24	24	0	0	0	0	0			
TEEMSTONE-SB	112	3	0	0	109	0	0			
VCENTER6	631	631	0	0	0	0	0			
vioc4	78	1	30	0	47	0	0			
VIOS1	506	0	0	0	0	506	0			

