Event Server Configuration Manager

Version 1.1
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Chapter 1. Getting Started

Introduction

The Tivoli Event Configuration Manager is designed to allow for complete management and control of the Event Server from anywhere on the network. The Event Server provides reliable event delivery via database store and forward and RPC. The Event Server uses ODBC to operate on its local event database.

The Event Server provides for an event forwarding architecture. This gives Tivoli Management Solution for Microsoft SQL the ability for a computer to receive an event from another computer and forward it to a third computer. The forwarding ability handles looping by incrementing the hops counter on each forward. An event is discarded when the hops counter exceeds the allowable number of hops (defined by a registry key, normally 3). One of the debugging levels will log events that are dropped due to too many hops.

Within the event forwarding architecture, the originating computer and event sequence number is preserved. This value forms the event record primary key. It will prevent the posting of duplicate events to the same consumer through two or more forwarding paths. This originating number and computer name is generated when an event is loaded into the Local Inbox DB. The ODBC event database must support the identity characteristic on a column (SQL Server terminology). Writing an event to the Local Inbox DB will generate an incrementing sequence number.

Note: For Access, the identity characteristic is called auto numbering.

The Event Server has the ability to delete an event and ensure the deletion works (the event disappears) via DB technology.

The Tivoli Event Configuration Manager is used to edit different Event Server Configuration Categories across the Enterprise.

The Tivoli Event Configuration Manager represents the network using the Windows NT domain and computer networking hierarchy. In Windows NT, a domain represents an enterprise of computers that share common account administration and security. An individual computer is a member of a domain.

The Tivoli Event Configuration Manager fully complies with the Windows NT security system. Consequently the computers that can be managed by the Tivoli Event Configuration Manager are constrained by the underlying security in place on the network.

Exiting the Event Server Configuration Manager

You can exit The Tivoli Event Configuration Manager by:
1. Selecting the File menu and then selecting the Close menu item.
2. Clicking on the Tivoli Event Configuration Manager icon in the upper left corner of the main window and then selecting the Close menu item.
3. Clicking the close box on the title bar of the main window.
Chapter 2. Options

Changing Options

You can change whether the Tivoli Event Configuration Manager asks you for confirmations before performing specific classes of operations. To change the confirmation options, select the View menu from the Tivoli Event Configuration Manager and then select the Options menu item. The following operations can be set to require or suppress confirmation before the operation. Confirmation can be set independently on each of the two operation types.

Confirming Update Operations

When the Confirm all Update Operations box is checked, the Tivoli Event Configuration Manager will identify the operation you are about to perform and will ask you to confirm the operation. Clicking on Yes will result in the operation being performed. Clicking on No will cause the operation to be cancelled.

If the Confirm all Update Operations box is not checked, the Tivoli Event Configuration Manager will perform requested operations without asking for confirmation first.

Displaying Success Messages

When the Display Success Messages box is checked, the Tivoli Event Configuration Manager will inform you when the requested operation was successfully performed. By clicking the OK button, the success message will then be dismissed.

If the Display Success Messages box is not checked, you will not receive a message indicating the operation was successful. In fact the lack of a message indicates success, as operations that generate errors are always reported via a message.

Confirmation and Success Messages

Confirming Update Operations

When the Confirm all Update Operations box is checked, the Tivoli Event Configuration Manager will identify the operation you are about to perform and will ask you to confirm the operation. Clicking on Yes will result in the operation being performed. Clicking on No will cause the operation to be cancelled.

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Chapter 3. Event Server Configuration Categories

By utilizing the Tivoli Event Configuration Manager, the following categories for each computer, running Tivoli Management Solution for Microsoft SQL, can be edited from a central location, saving valuable time:

- Settings and Filter Categories:
  - Settings
  - Windows NT Event Filter
  - SNMP Trap Filter
  - Local Event Filter
- Categories for sending to and receiving from other computers:
  - Sending events to
  - Sending performance data to
  - Receiving (OpenVMS or UNIX) events from
- Categories for filtering information being sent from one computer to another:
  - Computers Receiving Events
  - Computers Receiving Performance Data
  - (OpenVMS or UNIX) Computers Sending Events

Settings and Filter Categories

Settings

Event Server Configuration Settings are all of the miscellaneous forwarding, timing, retention and optimization parameters for the Event Server.

To change the Event Server Configuration Settings for a computer, expand or double click on the computer, in the Network Display. If that computer has the Event Server Service running, then the Settings category will appear in the Network Display. Clicking on the Settings category will expose the Event Server Configuration Settings in the Settings Display.

The numeric settings can be changed by either manually typing the desired value or by scrolling up or down using the arrow buttons to the right of the value. If the entered value is higher than the maximum value or lower than the minimum value, a message will appear and the value will be set back to the last correct value.

The following are Event Server Configuration Settings:
- Maximum Hops
- Inbox Timer
- Outbox Timer
- Log File Age
- Debug Mode
- Maintain events for (Auto Clean Filter)
- Maintain perf. Data for (Performance Data Retention Age)
- Performance Routing Timer
Windows NT Event Filter
Windows NT Event Filter are all of the items that can be used to exclude Windows NT events from being captured and stored on a specific computer.

To change the Windows NT Event Filter for a computer, expand or double click on the computer, in the Network Display. If that computer has the Event Server Service running, then the Windows NT Event Filter category will appear in the Network Display. Clicking on the Windows NT Event Filter category will expose the Windows NT Event Filter in the Settings Display.

The numeric settings can be changed by either manually typing the desired value or by scrolling up or down using the arrow buttons to the right of the value. If the entered value is higher than the maximum value or lower than the minimum value, a message will appear and the value will be set back to the last correct value.

Text values can be changed by manually typing the desired Universe String.

The following are Windows NT Event Filter:
• Windows NT Event Logs
• Windows NT Event Logs Event’s Attempt Redelivery Days
• User Names
• Source
• SubClass
• Handle

SNMP Trap Filter
SNMP Trap Filter are all of the items that can be used to exclude SNMP events from being captured and stored on a specific computer.

To change the SNMP Trap Filter for a computer, expand or double click on the computer, in the Network Display. If that computer has the Event Server Service running, then the SNMP Trap Filter category will appear in the Network Display. Clicking on the SNMP Trap Filter category will expose the SNMP Trap Filter in the Settings Display.

The numeric settings can be changed by either manually typing the desired value or by scrolling up or down using the arrow buttons to the right of the value. If the entered value is higher than the maximum value or lower than the minimum value, a message will appear and the value will be set back to the last correct value.

Text values can be changed by manually typing the desired Universe String.

The following are SNMP Trap Filter:
• SNMP Traps
• SNMP Traps Event’s Attempt Redelivery Days
• User Names
• Class
• SubClass
• Rule Name
• EntityContext
Local Event Filter

Local Event Filter is all of the items that can be used to exclude Windows NT events from being transferred to the current computer from any other source.

To change the Local Event Filter for a computer, expand or double click on the computer, in the Network Display. If that computer has the Event Server Service running, then the Local Event Filter category will appear in the Network Display. Clicking on the Local Event Filter category will expose the Local Event Filter in the Settings Display.

Filtering is organized using filter tabs.

Categories for Sending to and Receiving from Other Computers

Sending Events To

To see where a computer is sending events to, expand or double click on a computer, in the Network Display. If that computer has the Event Server Service running, then the Sending events to category will appear in the Network Display. Clicking on the Sending events to category will expose the computers that the specified computer is sending events to in the Settings Display.

When you right click on the Sending events to category, menu items are displayed.

Sending Performance Data To

To see where a computer is sending performance data to, expand or double click on a computer, in the Network Display. If that computer has the Event Server Service running, then the Sending performance data to category will appear in the Network Display. Clicking on the Sending performance data to category will expose the computers that the specified computer is sending performance data to in the Settings Display.

When you right click on the Sending performance data to category, menu items are displayed.

Receiving (OpenVMS or UNIX) Events From

To see where a computer is receiving (OpenVMS or UNIX) events from expand or double click on a computer, in the Network Display. If that computer has the Event Server Service running, then the Receiving (OpenVMS or UNIX) events from category will appear in the Network Display. Clicking on the Receiving (OpenVMS or UNIX) events from category will expose the machines that the specified computer is receiving (OpenVMS or UNIX) events from in the Settings Display.

When you right click on the Receiving (OpenVMS or UNIX) events from category, menu items are displayed.

Categories for Filtering Information Being Sent from One Computer to Another

Computers Receiving Events

Computers Receiving Events are all of the computers receiving Windows NT events from another Windows NT computer.
To change the Computers Receiving Events expand or double click on the computer sending the events in the Network Display. If that computer has the Event Server Service running, then the Sending Events To category will appear in the Network Display. Clicking on the Sending Events To category will expose the Computers Receiving Events in the Settings Display. Expanding the Sending Events To category will expose the Computers Receiving Events in the Network Display. By clicking on one of the Computers Receiving Events in the Network Display or by double clicking one of the Computers Receiving Events in the Settings Display, the Filter Tabs will appear in the Settings Display (only if filtering is supported on the computer receiving events).

Computers Receiving Performance Data
Computers Receiving Performance Data are all of the computers receiving Windows NT performance data from another Windows NT computer.

To change the Computers Receiving Performance Data expand or double click on the computer sending the performance data in the Network Display. If that computer has the Event Server Service running, then the Sending Performance Data To category will appear in the Network Display. Clicking on the Sending Performance Data To category will expose the Computers Receiving Performance Data in the Settings Display. Expanding the Sending Performance Data To category will expose the Computers Receiving Performance Data in the Network Display. By clicking on one of the Computers Receiving Performance Data in the Network Display or by double clicking one of the Computers Receiving Performance Data in the Settings Display, the Filter Tabs will appear in the Settings Display (only if filtering is supported on the computer receiving performance data).

(OpenVMS or UNIX) Computers Sending Events
(OpenVMS or UNIX) Computers Sending Events are all of the machines whose events are being read and stored from a Windows NT computer.

To change the (OpenVMS or UNIX) Computers Sending Events, expand or double click on the computer receiving the events in the Network Display. If that computer has the Event Server Service running, then the Receiving (OpenVMS or UNIX) events from category will appear in the Network Display. Clicking on the Receiving (OpenVMS or UNIX) events from category will expose the (OpenVMS or UNIX) Computers Sending Events in the Settings Display. Expanding the Receiving (OpenVMS or UNIX) events from category will expose the (OpenVMS or UNIX) Computers Sending Events in the Network Display. By clicking on one of the (OpenVMS or UNIX) Computers Sending Events in the Network Display or by double clicking one of the (OpenVMS or UNIX) Computers Sending Events in the Settings Display, the Filter Tabs will appear in the Settings Display (only if filtering is supported on the computer receiving events).
Chapter 4. Changing Settings/Filters on Multiple Computers

To change the value of any category on multiple computers, first make the change on one computer. Do this by expanding the desired computer in the Network Display and clicking on the desired category. Then make the changes in the resulting Settings Display.

To copy a computer’s category values to multiple computers, first make sure only the computers that are receiving the new values are currently displayed under a particular Domain or Enterprise in the Network Display. You can remove computers from the Network Display by right clicking on a computer and choosing the remove menu item. Next, drag the desired computer’s category and drop it on the correct Domain or Enterprise in the Network Display.

To copy all the categories from one computer to multiple computers across the network, drag the desired computer and drop it on the correct Domain in the Network Display.

Any other drag/drop capabilities are described in the Drag and Drop table.
Chapter 5. Drag and Drop Table

The drag and drop capabilities in this application will enable easier scalability of settings across the Enterprise.

While dragging over objects in the application, watch the Status Bar for the status of the current drag operation.

The following is the structure of the Tivoli Event Server Configuration drag and drop capabilities:

<table>
<thead>
<tr>
<th>Drag From</th>
<th>Drop On</th>
<th>Operation Performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enterprise</td>
<td>Sending events to</td>
<td>The parent computer of the Sending events to category will forward events to all of the computers currently displayed in the Enterprise.</td>
</tr>
<tr>
<td></td>
<td>Sending performance data to</td>
<td>The parent computer of the Sending performance data to category will forward performance data to all of the computers currently displayed in the Enterprise.</td>
</tr>
<tr>
<td>Domain</td>
<td>Sending events to</td>
<td>The parent computer of the Sending events to category will forward events to all of the computers currently displayed in the Domain.</td>
</tr>
<tr>
<td></td>
<td>Sending performance data to</td>
<td>The parent computer of the Sending performance data to category will forward performance data to all of the computers currently displayed in the Domain.</td>
</tr>
<tr>
<td>Computer</td>
<td>Enterprise</td>
<td>Copy the dragged computer’s entire Event Server Configuration (all categories) to all of the computers currently displayed in the Enterprise. If any of the computers in the Enterprise currently have Event Server Configuration information, this action will overwrite it.</td>
</tr>
<tr>
<td>Domain</td>
<td></td>
<td>Copy the dragged computer’s entire Event Server Configuration (all categories) to all of the computers currently displayed in the Domain. If any of the computers in the Domain currently have Event Server Configuration information, this action will overwrite it.</td>
</tr>
<tr>
<td>Computer (must be a different computer)</td>
<td></td>
<td>Copy the dragged computer’s entire Event Server Configuration (all categories) to the computer that was dropped on. If the computer currently has Event Server Configuration information, this action will overwrite it.</td>
</tr>
<tr>
<td>Sending events to</td>
<td></td>
<td>The parent computer of the Sending events to category will forward events to the computer that was dragged. If the parent computer already sends events to the computer that was dragged, no filters will be changed.</td>
</tr>
<tr>
<td>Drag From</td>
<td>Drop On</td>
<td>Operation Performed</td>
</tr>
<tr>
<td>-----------</td>
<td>---------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Sending performance data to</td>
<td>Enterprise</td>
<td>The parent computer of the Sending performance data to category will forward performance data to the computer that was dragged. If the parent computer already sends performance data to the computer that was dragged, no filters will be changed.</td>
</tr>
<tr>
<td>Settings</td>
<td>Enterprise</td>
<td>Copy the dragged Settings to all of the computers currently displayed in the Enterprise. If any of the computers in the Enterprise currently have Settings, this action will overwrite them.</td>
</tr>
<tr>
<td>Domain</td>
<td></td>
<td>Copy the dragged Settings to all of the computers currently displayed in the Domain. If any of the computers in the Domain currently have Settings, this action will overwrite them.</td>
</tr>
<tr>
<td>Computer (must be a different computer)</td>
<td></td>
<td>Copy the dragged Settings to the computer that was dropped on. If the computer currently has Settings, this action will overwrite them.</td>
</tr>
<tr>
<td>Settings (must be a different computer)</td>
<td></td>
<td>Copy the dragged Settings to the parent computer of the Settings that was dropped on. If the computer currently has Settings, this action will overwrite them.</td>
</tr>
<tr>
<td>Windows NT event filter</td>
<td>Enterprise</td>
<td>Copy the dragged Windows NT event filter to all of the computers currently displayed in the Enterprise. If any of the computers in the Enterprise currently have a Windows NT event filter, this action will overwrite it.</td>
</tr>
<tr>
<td>Domain</td>
<td></td>
<td>Copy the dragged Windows NT event filter to all of the computers currently displayed in the Domain. If any of the computers in the Domain currently have a Windows NT event filter, this action will overwrite it.</td>
</tr>
<tr>
<td>Computer (must be a different computer)</td>
<td></td>
<td>Copy the dragged Windows NT event filter to the computer that was dropped on. If the computer currently has a Windows NT event filter, this action will overwrite it.</td>
</tr>
<tr>
<td>Windows NT event filter (must be a different computer)</td>
<td></td>
<td>Copy the dragged Windows NT event filter to the parent computer of the Windows NT event filter that was dropped on. If the computer currently has a Windows NT event filter, this action will overwrite it.</td>
</tr>
<tr>
<td>SNMP Trap filter</td>
<td>Enterprise</td>
<td>Copy the dragged SNMP Trap filter to all of the computers currently displayed in the Enterprise. If any of the computers in the Enterprise currently have a SNMP Trap filter, this action will overwrite it.</td>
</tr>
<tr>
<td>Domain</td>
<td></td>
<td>Copy the dragged SNMP Trap filter to all of the computers currently displayed in the Domain. If any of the computers in the Domain currently have a SNMP Trap filter, this action will overwrite it.</td>
</tr>
<tr>
<td>Drag From</td>
<td>Drop On</td>
<td>Operation Performed</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>--------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Computer (must be a different computer)</td>
<td>Copy SNP Trap filter</td>
<td>Copy the dragged SNMP Trap filter to the computer that was dropped on. If the computer currently has a SNMP Trap filter, this action will overwrite it.</td>
</tr>
<tr>
<td>SNMP Trap filter (must be a different computer)</td>
<td>Copy SNP Trap filter</td>
<td>Copy the dragged SNMP Trap filter to the parent computer of the SNMP Trap filter that was dropped on. If the computer currently has a SNMP Trap filter, this action will overwrite it.</td>
</tr>
<tr>
<td>Sending events to</td>
<td>Enterprise</td>
<td>All of the computers currently displayed in the Enterprise will send events to all of the computers under the dragged Sending events to category. If any of the computers in the Enterprise already send events to any computers under the dragged Sending events to category, this action will overwrite the filter.</td>
</tr>
<tr>
<td>Domain</td>
<td>All computers in the Domain will send events to all of the computers under the dragged Sending events to category. If any of the computers in the Domain already send events to any computers under the dragged Sending events to category, this action will overwrite the filter.</td>
<td></td>
</tr>
<tr>
<td>Computer (must be a different computer)</td>
<td>The computer that was dropped on will send events to all of the computers under the dragged Sending events to category. If the computer that was dropped on already sends events to any computers under the dragged Sending events to category, this action will overwrite the filter.</td>
<td></td>
</tr>
<tr>
<td>Sending events to (must be a different computer)</td>
<td>The Sending events to category that was dropped on will have added to it all of the computers under the dragged Sending events to category. If the Sending events to category that was dropped on already contains computers under the dragged Sending events to category, this action will overwrite the filter.</td>
<td></td>
</tr>
<tr>
<td>Computer receiving events</td>
<td>Enterprise</td>
<td>All of the computers currently displayed in the Enterprise will send events to the dragged computer/filter. If any of the computers in the Enterprise already send events to the dragged computer/filter, this action will overwrite the filter.</td>
</tr>
<tr>
<td>Domain</td>
<td>All of the computers currently displayed in the Domain will send events to the dragged computer/filter. If any of the computers in the Domain already send events to the dragged computer/filter, this action will overwrite the filter.</td>
<td></td>
</tr>
<tr>
<td>Computer (must be a different computer)</td>
<td>The computer that was dropped on will send events to the dragged computer/filter. If the computer that was dropped on already sends events to the dragged computer/filter, this action will overwrite the filter.</td>
<td></td>
</tr>
<tr>
<td>Drag From</td>
<td>Drop On</td>
<td>Operation Performed</td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
<td>-------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Sending events to (must be a different computer)</td>
<td>The Sending events to category that was dropped on will have added to it the dragged computer/filter. If the Sending events to category that was dropped on already contains the dragged computer/filter, this action will overwrite the filter.</td>
<td></td>
</tr>
<tr>
<td>Computer receiving events (must be a different computer)</td>
<td>The filter information of the computer/filter that was dropped on will be overwritten by the filter information of the dragged computer/filter.</td>
<td></td>
</tr>
<tr>
<td>Local event filter</td>
<td>Enterprise</td>
<td>Copy the dragged Local event filter to all of the computers currently displayed in the Enterprise. If any of the computers in the Enterprise currently have a Local event filter, this action will overwrite it.</td>
</tr>
<tr>
<td>Domain</td>
<td>Copy the dragged Local event filter to all of the computers currently displayed in the Domain. If any of the computers in the Domain currently have a Local event filter, this action will overwrite it.</td>
<td></td>
</tr>
<tr>
<td>Computer (must be a different computer)</td>
<td>Copy the dragged Local event filter to the computer that was dropped on. If the computer currently has a Local event filter, this action will overwrite it.</td>
<td></td>
</tr>
<tr>
<td>Local event filter (must be a different computer)</td>
<td>Copy the dragged Local event filter to the parent computer of the Local event filter that was dropped on. If the computer currently has a Local event filter, this action will overwrite it.</td>
<td></td>
</tr>
<tr>
<td>Sending performance data to</td>
<td>Enterprise</td>
<td>All of the computers currently displayed in the Enterprise will send events to all of the computers under the dragged Sending performance data to category. If any of the computers in the Enterprise already send events to any computers under the dragged Sending performance data to category, this action will overwrite the filter.</td>
</tr>
<tr>
<td>Domain</td>
<td>All of the computers currently displayed in the Domain will send events to all of the computers under the dragged Sending performance data to category. If any of the computers in the Domain already send events to any computers under the dragged Sending performance data to category, this action will overwrite the filter.</td>
<td></td>
</tr>
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<td>Computer (must be a different computer)</td>
<td>The computer that was dropped on will send events to all of the computers under the dragged Sending performance data to category. If the computer that was dropped on already sends events to any computers under the dragged Sending performance data to category, this action will overwrite the filter.</td>
<td></td>
</tr>
<tr>
<td>Drag From</td>
<td>Drop On</td>
<td>Operation Performed</td>
</tr>
<tr>
<td>-----------</td>
<td>---------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Sending performance data to (must be a different computer)</td>
<td>Enterprise</td>
<td>The Sending performance data to category that was dropped will have added to it all of the computers under the dragged Sending performance data to category. If the Sending performance data to category that was dropped already contains computers under the dragged Sending performance data to category, this action will overwrite the filter.</td>
</tr>
<tr>
<td>Computer receiving performance data</td>
<td>Domain</td>
<td>All of the computers currently displayed in the Domain will send performance data to the dragged computer/filter. If any of the computers in the Domain already send performance data to the dragged computer/filter, this action will overwrite the filter.</td>
</tr>
<tr>
<td>Computer (must be a different computer)</td>
<td>Computer receiving performance data (must be a different computer)</td>
<td>The computer that was dropped on will send performance data to the dragged computer/filter. If the computer that was dropped on already sends performance data to the dragged computer/filter, this action will overwrite the filter.</td>
</tr>
<tr>
<td>Sending performance data to (must be a different computer)</td>
<td>Computer receiving performance data (must be a different computer)</td>
<td>The Sending events to category that was dropped will have added to it all of the dragged computer/filter. If the Sending performance data to category that was dropped already contains the dragged computer/filter, this action will overwrite the filter.</td>
</tr>
<tr>
<td>Computer receiving performance data (must be a different computer)</td>
<td>Receiving (OpenVMS or UNIX) events from Enterprise</td>
<td>The filter information of the computer/filter that was dropped on will be overwritten by the filter information of the dragged computer/filter.</td>
</tr>
<tr>
<td>Receiving (OpenVMS or UNIX) events from Enterprise</td>
<td>Domain</td>
<td>All of the computers currently displayed in the Domain will receive (OpenVMS or UNIX) events from all of the machines under the dragged Receiving (OpenVMS or UNIX) events from category.</td>
</tr>
<tr>
<td>Domain</td>
<td>Computer (must be a different computer)</td>
<td>All of the computers currently displayed in the Domain will receive (OpenVMS or UNIX) events from all of the machines under the dragged Receiving (OpenVMS or UNIX) events from category.</td>
</tr>
</tbody>
</table>
| Computer (must be a different computer) | | The computer that was dropped on will receive events from all of the machines under the dragged Receiving (OpenVMS or UNIX) events from category.
<table>
<thead>
<tr>
<th>Drag From</th>
<th>Drop On</th>
<th>Operation Performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receiving (OpenVMS or UNIX) events from (must be a different computer)</td>
<td>Enterprise</td>
<td>The Receiving (OpenVMS or UNIX) events from category that was dropped on will have added to it all of the machines under the dragged Receiving (OpenVMS or UNIX) events from category.</td>
</tr>
<tr>
<td>(OpenVMS or UNIX) Machine sending events</td>
<td>Domain</td>
<td>All of the computers currently displayed in the Domain will receive (OpenVMS or UNIX) events from the dragged (OpenVMS or UNIX) machine sending events.</td>
</tr>
<tr>
<td>Computer (must be a different computer)</td>
<td></td>
<td>The computer that was dropped on will receive events from the dragged (OpenVMS or UNIX) machine sending events.</td>
</tr>
<tr>
<td>Receiving (OpenVMS or UNIX) events from (must be a different computer)</td>
<td></td>
<td>The Receiving (OpenVMS or UNIX) events from category that was dropped on will have added to it the dragged (OpenVMS or UNIX) machine sending events.</td>
</tr>
</tbody>
</table>
Chapter 6. Using the Graphical Features of the Event Server Configuration Manager

Collapse Network Display

The Network Display contains enterprises, domains and computers, which can be expanded or collapsed by double clicking on them. A quick way to collapse the whole Network Display at once is to use the Collapse Network Display menu item.

The Collapse Network Display menu item can be found in the main window’s View menu.

Communicating Information

The Source Computer

The main window of the Tivoli Event Configuration Manager will indicate what item is currently selected in a text box under the toolbar. The corresponding settings, filters, or list of contained items of the selected item will appear in the Settings display.

Clicking on the Apply button in the Settings display can save changes.

The Status Bar

There is a status bar on the bottom of the main window that describes the state of the current operation. It changes when a new object is selected.

Expand Network Display

The Network Display contains enterprises, domains and computers, which can be expanded or collapsed by double clicking on them. A quick way to expand the whole Network Display at once is to use the Expand Network Display menu item.

The Expand Network Display menu item can be found in the main window’s View menu.

Navigating the Main Window via the Keyboard

Navigation of the Network display and the Settings Display in the main window is normally done via mouse actions. For example, the mouse can be used to expand or contract the contents of enterprises, domains and computers. The mouse is also normally used to select the enterprise, domain, or computer of interest. However the keyboard can also be used to navigate and manipulate the main window. The following keys are supported:

<table>
<thead>
<tr>
<th>Action</th>
<th>Object</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Click</td>
<td>Enterprise</td>
<td>Show or hide the domains in the enterprise.</td>
</tr>
<tr>
<td></td>
<td>Domain</td>
<td>Show or hide the computers in the domain.</td>
</tr>
<tr>
<td></td>
<td>Computer</td>
<td>Show or hide the categories from the clicked computer.</td>
</tr>
<tr>
<td>Action</td>
<td>Object</td>
<td>Result</td>
</tr>
<tr>
<td>--------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>Sending events to</td>
<td>Show or hide the computers receiving events from the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>Sending performance data to</td>
<td>Show or hide the computers receiving performance data from the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>Receiving (OpenVMS or UNIS) events from</td>
<td>Show or hide the computers sending events to the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>Click</td>
<td>Enterprise</td>
<td>Show or hide the domains in the enterprise.</td>
</tr>
<tr>
<td>Domain</td>
<td>Show or hide the computers in the domain.</td>
<td></td>
</tr>
<tr>
<td>Computer</td>
<td>Show or hide the categories from the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>Settings</td>
<td>Show the settings of the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>Windows NT event filter</td>
<td>Show the Windows NT event filter of the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>SNMP trap filter</td>
<td>Show the SNMP trap filter of the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>Sending events to</td>
<td>Show the computers receiving events from the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>Computer receiving events</td>
<td>Show the Computer/Consumer filter of the clicked computer and its parent.</td>
<td></td>
</tr>
<tr>
<td>Local event filter</td>
<td>Show the Local event filter of the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>Sending performance data to</td>
<td>Show the computers receiving performance data from the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>Computer receiving performance data</td>
<td>Show the Computer/Consumer filter of the clicked computer and its parent.</td>
<td></td>
</tr>
<tr>
<td>Receiving (OpenVMS or UNIS) events from</td>
<td>Show the computers sending events to the clicked computer.</td>
<td></td>
</tr>
<tr>
<td>(OpenVMS or UNIX) machine sending events</td>
<td>Show the Computer/Consumer filter of the clicked computer and its parent.</td>
<td></td>
</tr>
<tr>
<td>Right Click</td>
<td>Enterprise</td>
<td>Show menu.</td>
</tr>
<tr>
<td>Domain</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Computer</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Settings</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Windows NT event filter</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>SNMP trap filter</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Sending events to</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Computer receiving events</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Local event filter</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Sending performance data to</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Computer receiving performance data</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Receiving (OpenVMS or UNIS) events from</td>
<td>Show menu.</td>
<td></td>
</tr>
<tr>
<td>Action</td>
<td>Object</td>
<td>Result</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Up Arrow</td>
<td>All</td>
<td>Move to the object above the selected object.</td>
</tr>
<tr>
<td>Down Arrow</td>
<td>All</td>
<td>Move to the object below the selected object.</td>
</tr>
<tr>
<td>Left Arrow</td>
<td>Enterprise</td>
<td>Hide everything in the enterprise.</td>
</tr>
<tr>
<td></td>
<td>Domain</td>
<td>Hide everything in the domain.</td>
</tr>
<tr>
<td></td>
<td>Computer</td>
<td>Hide categories for the computer.</td>
</tr>
<tr>
<td></td>
<td>Settings</td>
<td>Move to the parent.</td>
</tr>
<tr>
<td></td>
<td>Windows NT event filter</td>
<td>Move to the parent.</td>
</tr>
<tr>
<td></td>
<td>SNMP trap filter</td>
<td>Move to the parent.</td>
</tr>
<tr>
<td></td>
<td>Sending events to</td>
<td>Hide computers receiving events from the computer.</td>
</tr>
<tr>
<td></td>
<td>Computer receiving events</td>
<td>Move to the parent.</td>
</tr>
<tr>
<td></td>
<td>Local event filter</td>
<td>Move to the parent.</td>
</tr>
<tr>
<td></td>
<td>Sending performance data to</td>
<td>Hide computers receiving performance data from the computer.</td>
</tr>
<tr>
<td></td>
<td>Computer receiving performance data</td>
<td>Move to the parent.</td>
</tr>
<tr>
<td></td>
<td>Receiving (OpenVMS or UNIX) events from</td>
<td>Hide computers sending events to the computer.</td>
</tr>
<tr>
<td></td>
<td>(OpenVMS or UNIX) machine sending events</td>
<td>Move to the parent.</td>
</tr>
<tr>
<td>Right Arrow</td>
<td>Enterprise</td>
<td>Expand the enterprise and domain or move to the first domain in the enterprise if already expanded.</td>
</tr>
<tr>
<td></td>
<td>Domain</td>
<td>Expand the domain or move to the first computer in the domain if already expanded.</td>
</tr>
<tr>
<td></td>
<td>Computer</td>
<td>Expand the computer or, if already expanded, move to the first category.</td>
</tr>
<tr>
<td></td>
<td>Sending events to</td>
<td>Expand the category or, if already expanded, move to the first computer receiving events.</td>
</tr>
<tr>
<td></td>
<td>Sending performance data to</td>
<td>Expand the category or, if already expanded, move to the first computer receiving performance data.</td>
</tr>
<tr>
<td></td>
<td>Receiving (OpenVMS or UNIX) events from</td>
<td>Expand the category or, if already expanded, move to the first computer sending events.</td>
</tr>
</tbody>
</table>

**Resizing the Main Window**

The main window of the Tivoli Event Configuration Manager can easily be resized to accommodate your needs.

- To resize the entire display, move the pointer to a side or corner edges of the display, press the left mouse button and drag as appropriate.
- To change the width of the Network display relative to the Settings Display within the main window, locate the pointer on the bottom of the Sizing Bar between the Network display and Settings Display. The pointer will change to
an East-West pointer to cue you that you are in the right place. Then press the left mouse button and drag the slider control as appropriate.

### Status Bar

The Status bar at the bottom of the main window describes the state of the current operation. It changes when a new object is selected.

### Up One Level

Clicking the Up One Level Toolbar button will move the currently selected item in the Network Display to its parent and consequently change the item in the Settings Display.
## Chapter 7. Menu Table

The following is the structure of the Tivoli Event Configuration menus:

<table>
<thead>
<tr>
<th>Menu Heading</th>
<th>Menu Item</th>
<th>Operation Performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>File</td>
<td>Close</td>
<td>Exit the Tivoli Event Configuration Manager.</td>
</tr>
<tr>
<td>View</td>
<td>Toolbar</td>
<td>Shows and hides the Toolbar at the top of the main window.</td>
</tr>
<tr>
<td></td>
<td>Status Bar</td>
<td>Shows and hides the Status Bar at the bottom of the main window.</td>
</tr>
<tr>
<td></td>
<td>Expand Network Display</td>
<td>Expand all of the branches in the Network Display.</td>
</tr>
<tr>
<td></td>
<td>Collapse Network Display</td>
<td>Hide all of the branches in the Network Display except for the Enterprises.</td>
</tr>
<tr>
<td></td>
<td>Refresh Settings</td>
<td>Update the settings, filters or list of contained items for the currently selected computer/category depending on what is selected.</td>
</tr>
<tr>
<td></td>
<td>Options</td>
<td>The Confirmation options control whether certain operations require confirmation and whether success messages are displayed or not. Error messages are always displayed.</td>
</tr>
<tr>
<td>Events</td>
<td>Send events to...</td>
<td>Select the computer(s) that the currently selected computer will send events to.</td>
</tr>
<tr>
<td></td>
<td>Receive events from...</td>
<td>Select the computer(s) that will send events to the currently selected computer.</td>
</tr>
<tr>
<td></td>
<td>Clear list of computers receiving events</td>
<td>Make no computers receive events from the currently selected computer.</td>
</tr>
<tr>
<td></td>
<td>Refresh list of computers receiving events</td>
<td>Retrieve all of the computers that receive events from the currently selected computer and update the Network Display.</td>
</tr>
<tr>
<td></td>
<td>Refresh Settings</td>
<td>Retrieve the Event Server Configuration Settings and update the values in the Settings Display.</td>
</tr>
<tr>
<td>Help</td>
<td>Contents</td>
<td>Run the Help program.</td>
</tr>
<tr>
<td></td>
<td>Search for Help On</td>
<td>Display the Index tab for Help.</td>
</tr>
<tr>
<td></td>
<td>About Event Server Configuration Manager</td>
<td>Displays a window with the version number of the Tivoli Event Configuration Manager.</td>
</tr>
</tbody>
</table>

### Pop-Up Menus

#### Using the Right Mouse Button

The Tivoli Event Configuration Manager contains support for the right mouse button in the main window. Clicking the right mouse button in the Network
Display will display a menu of choices that is based the location of the pointer. The right mouse button provides context-sensitive shortcuts to most of the operations that can be performed by using the menus at the top of the main display. Specifically there are right mouse button menus provided for the following object(s):

- Computers
- Network
- Domains
- Enterprise
- Local Event Filter
- Sending Events To
- Computers Receiving Events
- Receiving (OpenVMS or UNIX) Events From
- (OpenVMS or UNIX) Computers Sending Events
- Sending Performance Data To
- Computers Receiving Performance Data
- Settings
- SNMP Trap Filter
- Windows NT Event Filter

**Computer Pop-Up Menu Items**

The following menu is presented when the pointer is positioned on a computer and the right mouse button is clicked:

- **Explore**
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.

- **Refresh**
  Clicking the Refresh menu will refresh the settings, filters or list of contained items for the currently selected computer/category depending on what is selected.

- **Remove**
  Remove the currently selected item from the Network Display.

**Network Display Pop-Up Menu Items**

The following menu is presented when the pointer is positioned on the white space of the Network Display and the right mouse button is clicked:

- **Expand Network Display**
  The Network Display contains enterprises, domains and computers, which can be expanded or collapsed by double clicking on them. A quick way to expand the whole Network Display at once is to use the Expand Network Display menu item.

  The Expand Network Display menu item can be found in the main window’s View menu.

- **Collapse Network Display**
  The Network Display contains enterprises, domains and computers, which can be expanded or collapsed by double clicking on them. A quick way to collapse the whole Network Display at once is to use the Collapse Network Display menu item.
The Collapse Network Display menu item can be found in the main window’s View menu.

- Refresh Selected Item

Clicking the Refresh menu will refresh the settings, filters or list of contained items for the currently selected computer/category depending on what is selected.

**Domain Pop-Up Menu Items**

The following menu is presented when the pointer is positioned on a domain and the right mouse button is clicked:

- Explore
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.

- Refresh
  Clicking the Refresh menu will refresh the settings, filters or list of contained items for the currently selected computer/category depending on what is selected.

- Remove
  Remove the currently selected item from the Network Display.

**Enterprise Pop-Up Menu Items**

The following menu is presented when the pointer is positioned on the Enterprise and the right mouse button is clicked:

- Explore
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.

- Refresh
  Clicking the Refresh menu will refresh the settings, filters or list of contained items for the currently selected computer/category depending on what is selected.

- Remove
  Remove the currently selected item from the Network Display.

**Local Event Filter Pop-Up Menu Items**

The following menu is presented when the pointer is positioned on the Local Event Filter category and the right mouse button is clicked:

- Explore
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.

**Sending Events To Pop-Up Menu Items**

The following menu is presented when the pointer is positioned on the Sending events to category and the right mouse button is clicked:

- Explore
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.
Clicking the Refresh menu will refresh the settings, filters or list of contained items for the currently selected computer/category depending on what is selected.

- **Add/Remove...**
  Clicking the Add/Remove menu will display a window that will enable you to type or browse for computers that you wish to add and/or remove from the selected computer/category.

- **Remove all items**
  Clicking the Remove all items menu will remove all of the items in the list of the currently selected computer/category.

**Add/Remove...**
Clicking the Add/Remove menu will display a window that will enable you to type or browse for computers that you wish to add and/or remove from the selected computer/category.

**Saving the Changes**
The computer(s) that you either added or removed are not actually updated with these changes until you click the OK or Apply button. The Apply button allows you to Add/Remove computers without dismissing the current window.

If you click the Cancel button, the computers are not updated with any changes.

If you have made changes and then want to cancel them, the Tivoli Event Configuration Manager will ask you if you want to save the changes you made. At that point you can either save or discard the changes.

**Computers Receiving Events Pop-Up Menu Items**
The following menu is presented when the pointer is positioned on a computer that is receiving events and the right mouse button is clicked:

- **Explore**
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.

- **Remove**
  Remove the currently selected item from the Network Display.

**Receiving (OpenVMS or UNIX) Events From Pop-Up Menu Items**
The following menu is presented when the pointer is positioned on the Receiving (OpenVMS or UNIX) events from category and the right mouse button is clicked:

- **Explore**
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.

- **Refresh**
  Clicking the Refresh menu will refresh the settings, filters or list of contained items for the currently selected computer/category depending on what is selected.

- **Add/Remove...**
  Clicking the Add/Remove menu will display a window that will enable you to type or browse for computers that you wish to add and/or remove from the selected computer/category.
Remove all items
Clicking the Remove all items menu will remove all of the items in the list of the currently selected computer/category.

Add/Remove...
Clicking the Add/Remove menu will display a window that will enable you to type or browse for computers that you wish to add and/or remove from the selected computer/category.

Saving the Changes
The computer(s) that you either added or removed are not actually updated with these changes until you click the OK or Apply button. The Apply button allows you to Add/Remove computers without dismissing the current window.

If you click the Cancel button, the computers are not updated with any changes.

If you have made changes and then want to cancel them, the Tivoli Event Configuration Manager will ask you if you want to save the changes you made. At that point you can either save or discard the changes.

(OpenVMS or UNIX) Computers Sending Events Pop-Up Menu Items
The following menu is presented when the pointer is positioned on an OpenVMS or UNIX computer that is sending events and the right mouse button is clicked:
- Explore
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.
- Remove
  Remove the currently selected item from the Network Display.

Sending Performance Data To Pop-Up Menus
The following menu is presented when the pointer is positioned on the Sending performance data to category and the right mouse button is clicked:
- Explore
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.
- Refresh
  Clicking the Refresh menu will refresh the settings, filters or list of contained items for the currently selected computer/category depending on what is selected.
- Add/Remove...
  Clicking the Add/Remove menu will display a window that will enable you to type or browse for computers that you wish to add and/or remove from the selected computer/category.
- Remove all items
  Clicking the Remove all items menu will remove all of the items in the list of the currently selected computer/category.

Add/Remove...
Clicking the Add/Remove menu will display a window that will enable you to type or browse for computers that you wish to add and/or remove from the selected computer/category.
**Saving the Changes**
The computer(s) that you either added or removed are not actually updated with these changes until you click the OK or Apply button. The Apply button allows you to Add/Remove computers without dismissing the current window.

If you click the Cancel button, the computers are not updated with any changes.

If you have made changes and then want to cancel them, the Tivoli Event Configuration Manager will ask you if you want to save the changes you made. At that point you can either save or discard the changes.

**Computers Receiving Performance Data Pop-Up Menu Items**
The following menu is presented when the pointer is positioned on a computer that is receiving performance data and the right mouse button is clicked:

- **Explore**
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.

- **Remove**
  Remove the currently selected item from the Network Display.

**Settings Pop-Up Menu Items**
The following menu is presented when the pointer is positioned on the Settings category and the right mouse button is clicked:

- **Explore**
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.

**SNMP Trap Filter Pop-Up Menu Items**
The following menu is presented when the pointer is positioned on the SNMP Trap Filter category and the right mouse button is clicked:

- **Explore**
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.

**Windows NT Event Filter Pop-Up Menu Items**
The following menu is presented when the pointer is positioned on the Windows NT events filters category and the right mouse button is clicked:

- **Explore**
  Clicking the Explore menu will expose (in the Settings Display) the settings, filters, or list of contained items for the currently selected computer/category.
Chapter 8. Windows NT Event Logs

Receiving Windows NT Event Logs

You can choose which Windows NT Events Tivoli Management Solution for Microsoft SQL receives. The choices are as follows:

- System Events
- Security Events
- Application Events

Windows NT Event Log Event’s Attempt Redelivery Days

Tivoli Management Solution for Microsoft SQL logs Windows NT Events in the Event Database and can pass these events to a remote computer or computers. You can specify the total time to hold the event and attempt redelivery if the event is initially undeliverable to remote computer(s) that are interested in the event.
Chapter 9. SNMP Trap Event Logs

Receiving SNMP Traps

You can choose whether or not Tivoli Management Solution for Microsoft SQL logs SNMP Traps as events in the Event Database. By checking the SNMP check box, you will be telling Tivoli Management Solution for Microsoft SQL to record an event for every SNMP Trap.

SNMP Trap Event’s Attempt Redelivery Days

Tivoli Management Solution for Microsoft SQL can log SNMP Traps as events in the Event Database and can pass these events to a remote computer or computers. You can specify the total time to hold the event and attempt redelivery if the event is initially undeliverable to remote computer(s) that are interested in the event.
Appendix. Reference Lists

This appendix provides definitions and background information on Interface Components, and Terminology. This appendix also summarizes your options for Getting Help.

Interface Components

Default Value — The predefined value of an Event Server Configuration Setting.

Main Window — The main window is the window that the Tivoli Event Configuration Manager displays when first invoked. The main window displays the Network Display on the left and the Settings Display on the right. The Network display shows the enterprises, domains, computers and the computers receiving events that are managed by the Tivoli Event Configuration Manager. The Settings Display shows the Event Server Configuration Settings for the selected computer.

Menu — Menu refers to the menu items listed horizontally in the Tivoli Event Configuration Manager main window, just under the window title bar. When the primary normally left mouse button is clicked on one of these items, a secondary list of menu items is displayed for subsequent selection. The list of menu items is as follows: File, View, Events, Help

Maximum Value — The predefined highest value of an Event Server Configuration Setting.

Minimum Value — The predefined lowest value of an Event Server Configuration Setting.

Network Display — The Network display is the window display pane on the left side of the Tivoli Event Configuration Manager main window. The label above the Network display reads Network Display. The Network display contains a tree like presentation of the enterprises, domains, computers, and the categories that are managed by the Tivoli Event Configuration Manager.

Settings Display — The Settings Display is the window display pane on the right side of the Tivoli Event Configuration Manager main window. This pane will contain objects corresponding to what is clicked in the Network Display. The label above the Settings Display indicates the selected item providing the information used in the Settings Display.

Sizing Bar — The sizing bar is a vertical line located between the Network Display and Settings Display that is used to control the width of the Network Display relative to the Settings Display in the main window of the Tivoli Event Configuration Manager.

Status Bar — The Status bar at the bottom of the main window describes the state of the current operation. It changes when a new object is selected.

Toolbar — The Toolbar is a special object at the top of the screen that contains buttons. These buttons will perform a function or display a screen. The toolbar buttons in the Tivoli Event Configuration Manager are as follows:
• **Up One Level** — Clicking the Up One Level Toolbar button will move the currently selected item in the Network Display to its parent and consequently change the item in the Settings Display.

• **Expand Network Display** The Network Display contains enterprises, domains and computers, which can be expanded or collapsed by double clicking on them. A quick way to expand the whole Network Display at once is to use the Expand Network Display menu item. The Expand Network Display menu item can be found in the main window’s View menu . —

• **Collapse Network Display** — The Network Display contains enterprises, domains and computers, which can be expanded or collapsed by double clicking on them. A quick way to collapse the whole Network Display at once is to use the Collapse Network Display menu item. The Collapse Network Display menu item can be found in the main window’s View menu.

• **Add/Remove** — Clicking the Add/Remove menu will display a window that will enable you to type or browse for computers that you wish to add and/or remove from the selected computer/category.

  **Note:** *Saving the changes:* The computer(s) that you either added or removed are not actually updated with these changes until you click the OK or Apply button. The Apply button allows you to Add/Remove computers without dismissing the current window. If you click the Cancel button, the computers are not updated with any changes. If you have made changes and then want to cancel them, the Tivoli Event Configuration Manager will ask you if you want to save the changes you made. At that point you can either save or discard the changes.

• **Refresh Selected Item** — Clicking the Refresh menu will refresh the settings, filters or list of contained items for the currently selected computer/category depending on what is selected.

**Filter Tabs**

Filtering determines which events will be stored in the event database. Filtering is organized into the following tabs:

**Computers Tab**

The filter will be restricted to the computers specified in the *Universe String* in the Computer field of the Computers tab. Empty means unrestricted or all computers. The Browse button provides a tree view for more convenient selection.

**EventType/Class Tab**

The Type/Class tab consists of four filter fields:

- **EventType:** This filter can only be Problem or Message events. One example would be when only Problem is checked this corresponds to Tivoli Management Solution for Microsoft SQL filtering out all events except for problem events.

- **EventSubType:** The EventSubType filter further narrows the EventType filter. One example would be when only New and Updated are checked this corresponds to filtering all events except for Tivoli Management Solution for Microsoft SQL Open Problems. Another example would be when only Event Log is checked and Class is “System” this corresponds to filtering all events except the Windows NT System Messages.

- **Class:** Identification generated by the Tivoli Management Solution for Microsoft SQL rule. The Class should be an alphanumeric string that is no longer than 32 characters. Class is filtered using a *Universe String.*
• **SubClass**: Identification generated by the Tivoli Management Solution for Microsoft SQL rule. The subclass should be an alphanumeric string that is no longer than 32 characters. SubClass is filtered using a **Universe String**.

**Severity Tab**

The Severity tab allows the events to be restricted to certain severity levels. For example, you might want to remove the VMS (OpenVMS all) checkbox to filter out any event with a VMS severity. Note that the Windows NT, VMS, and ISO severity levels are arranged to show their mapping to the corresponding Tivoli Management Solution for Microsoft SQL severity.

**Description Tab**

The Description tab allows you to restrict which events are stored based on the contexts of the event’s BriefText and FullText using a **Universe String**. If you use the Both radio button then both criteria are identical.

**Advanced Tab**

The Advanced tab allows restrictions based on five characteristics:

- **User Names** — The account used to log into the network. UserNames are filtered using a **Universe String**.
- **Rule Name** — The name of the Tivoli Management Solution for Microsoft SQL rule that captured the event. RuleName is filtered using a **Universe String** and is particularly useful with Tivoli Management Solution for Microsoft SQL events.
- **EntityContext** — Identification generated by the Tivoli Management Solution for Microsoft SQL rule. Entity Context is filtered using a **Universe String** and is particularly useful with Tivoli Management Solution for Microsoft SQL events.
- **Source** — The process that an event was captured from. Source is filtered using a **Universe String** and is most often used with Windows NT Events.
- **Handle** — Specifies a name to be associated with the problem to identify it. If this is not specified a default one will be formed by the rule engine. The default handle name will be the rule name, followed by the context, followed by the creation date/time of the event. Handle is filtered using a **Universe String** and is most often used with Windows NT Events.

**Universe String**

Filters use universe strings that are comma-separated lists used to select or exclude items. To exclude an item use "E=" before that item. To exclude a list of items place them in parentheses after "E=". You can also specify a range using a ",-" between two values. The special character "*" matches any number of characters while "%" matches exactly one character. To use any special character as an ordinary character precede that character with "|". Some examples of universe strings:

- AUTOMATION,PERFORMANCE
- E=RDR
- E=(RDR,SVR)
- A-Z
- Server%
- SVR*
**Terminology**

**Auto Clean Filter** — Filter specification used to automatically remove events from the local event database. The filter thread runs once a day at midnight to remove events from the local event database that match the filter specification. The filter specification normally includes an event age filter, so that events are cleaned based on age.

**Class** — Identification generated by the Tivoli Management Solution for Microsoft SQL rule. The Class should be an alphanumeric string that is no longer than 32 characters.

**Debug Mode** — Debugging information is written to a daily log file in the Tivoli Management Solution for Microsoft SQL logs directory. The file is named Event_server_yyyy_mm_dd.LOG, where yyyy is the year, mm is the month and dd is the day. The levels of debugging range from 0 (no debugging) to 4 (full debugging). Level 1 is the normal level for debugging. Note that debugging levels are synonymous with logging levels.

Debugging levels (0 = none, 1 = normal, 2 - 4 = higher)

**Domain** — In Windows NT, a domain represents an enterprise of computers that share common account administration and security. An individual computer is a member of a domain. Tivoli Management Solution for Microsoft SQL also uses Virtual Domains. A virtual domain is a named group of computers that has no relationship to real Windows NT domains. Virtual domains exist to provide for a more flexible way of grouping computers. For example, a virtual domain could be named MSSQL and the computers added to the MSSQL domain could be the computers in the network that are MSSQL servers. The computers could be in different Windows NT domains. Within the Tivoli Event Configuration Manager, virtual domains have the same status as physical domains. In fact the Tivoli Event Configuration Manager can manage domains that are completely physical, completely virtual or a combination of both. Additionally a computer can be a member of more than one domain.

**Enterprise** — An Enterprise is a named cluster of domains and computers that has no relationship to real Windows NT domains.

**EntityContext** — Identification generated by the Tivoli Management Solution for Microsoft SQL rule.

**Handle** — Specifies a name to be associated with the problem to identify it. If this is not specified a default one will be formed by the rule engine. The default handle name will be the rule name, followed by the context, followed by the creation date/time of the event.

**Inbox Timer** — How much time the Event Server waits, in seconds, before polling the Inbox for new events.

**Left and Right Mouse Buttons** — The proper terminology for the mouse buttons is primary and secondary. The default mouse button configuration assigns the left mouse button as the primary mouse button and the right mouse button as the secondary. Because of this setup, the common terminology is left and right mouse button rather than primary and secondary mouse button. We have adopted this...
common terminology. Consequently when we say left mouse button, we actually mean the primary mouse button and when we say right mouse button, we actually mean the secondary mouse button.

**Log File Age** — Number of days to retain Event Server daily log files.

**Maximum Hops** — Maximum number of times an event can be forwarded from computer to computer before it is discarded.

**Object** — An object refers to an Enterprise, Domain, Computer, Category, Settings Display, Status Bar, or Toolbar.

**Outbox Timer** — How much time the Event Server waits, in seconds, before retrying the sending of undeliverable remote events.

**Performance Data Retention Age** — Filter specification used to automatically remove performance data from the Performance database. The filter thread runs once a day at midnight to remove events from the Performance database that match the filter specification.

**Performance Routing Timer** — How much time the Event Server waits, in seconds, before retrying the sending of remote performance data.

**Rule Name** — The name of the Tivoli Management Solution for Microsoft SQL rule that captured the event.

**Source** — The process that an event was captured from.

**SubClass** — Identification generated by the Tivoli Management Solution for Microsoft SQL rule. The subclass should be an alphanumeric string that is no longer than 32 characters.

**EventSubType** — The EventSubType filter further narrows the EventType filter.

**EventType** — This filter can only be Problem or Message events.

One example would be when only Problem is checked this corresponds to Tivoli Management Solution for Microsoft SQL filtering out all events except for problem events.

**Universe String** — Comma-separated lists used to select or exclude items.

**User Names** — The account used to log into the network.

### Getting Help

**Help** — There are a variety of ways to get help. The Help menu in the main window of the Tivoli Event Configuration Manager provides four separate options:
- **Contents** display the main Help window.
- **Search for Help On** displays the Index tab for this help file.
- **About Event Server Configuration Manager** displays the product name and version of the Event Server Configuration Manager.