



# IBM Tivoli Netcool OMNibus 7.2

## *Accelerated event notification configuration*



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Hello, welcome to the Netcool® OMNibus 7.2 accelerated event notification configuration module.

## Objectives

Upon completion of this module, you should be able to:

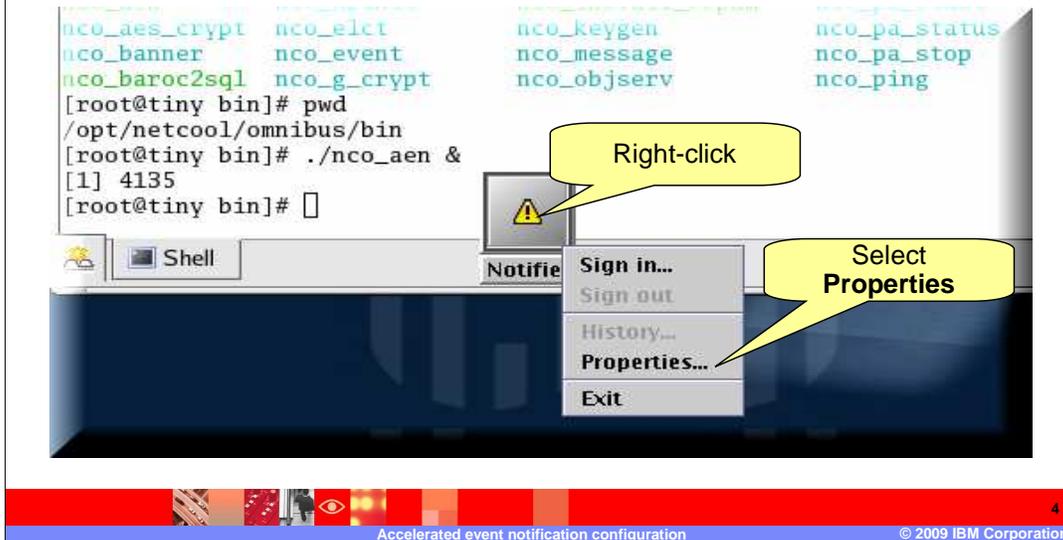
- ▶ Configure the client-side Accelerated Event Notification application
- ▶ Complete the Object Server Configuration for Accelerated Event Notifications

Upon completion of this module you should be able to configure the client-side accelerated event notification application and complete the object server configuration for accelerated event notifications.



## Client application configuration

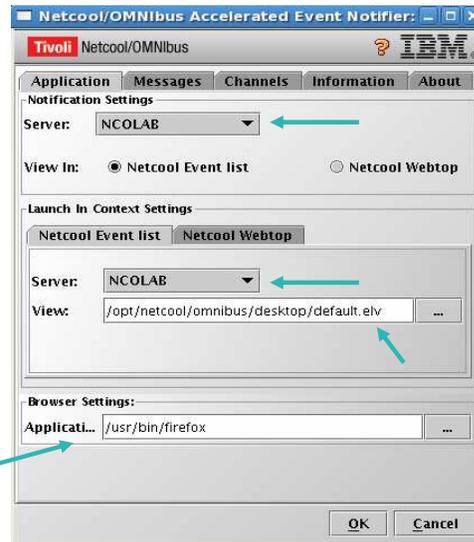
The accelerate event notification client window will open. Right-click the yellow triangle and select **Properties** from the list.



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## Client application configuration

You might see a browser-not-specified window open. Click **OK** to continue. You will then see the client configuration window. Within the **Application** tab, you must set the notifications settings object server and portal view. In the context settings section, set the object server and event list view. In the browser section, set the path to your Web browser.

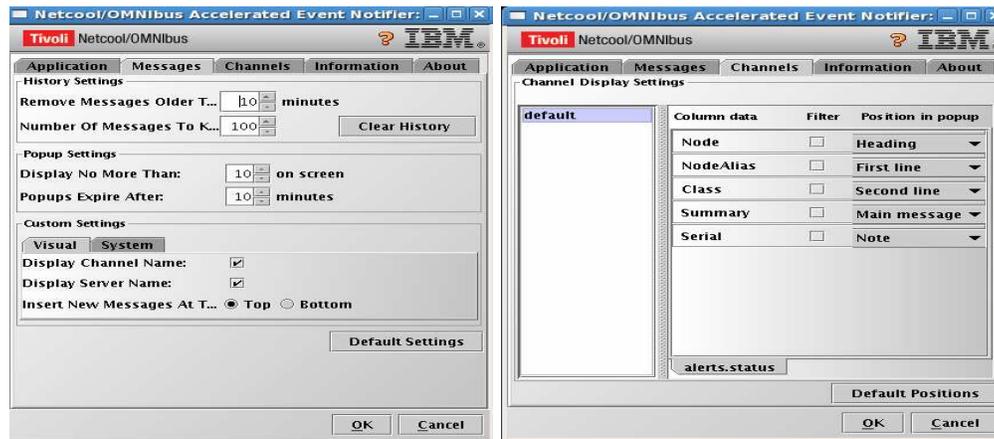


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## Client application configuration

In the **Messages** tab, you can define how the AEN windows will open on your screen.

In the **Channels** tab, you would select the user-defined channel and any appropriate filters for that channel.



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## Object server AEN configurations

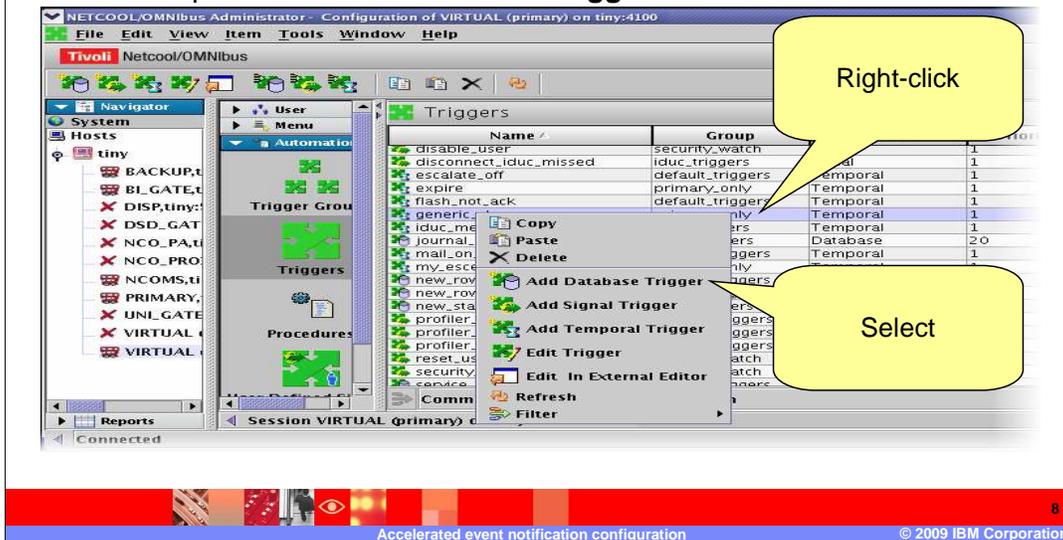
Different object server configurations are possible. One method is to create a fast track within the probes rule file. In the following code example, fast track variables are set to indicate either a voice or data-accelerated notification.

```
## Now assign OwnerGID (Group) based on class. Web, DNS and Data
## are all assigned to the data group. Else - its assigned to
## the voice group. Note - OwnerGID is an int.
##
## Also, set the fast track flag to the proper group if alarm is
## severity >= 4.
switch( @Class )
{
  case '99004' | '99001' | '99002':
    @OwnerGID = 9      ## data
    if( int(@Severity) >= 4) {
      @FastTrack = 1  ## FT to data channel.
    }
  default:
    @OwnerGID = 8     ## voice
    if( int(@Severity) >= 4) {
      @FastTrack = 2  ## FT to voice channel.
    }
}
```

Different objects server configurations are possible. One method is to create a fast track within the probes rule file. In the following code example, fast track variables are set to indicate either a voice or data-accelerated notification.

## Object server AEN configurations

You must define a database trigger to accommodate the information coming from the probe. Right-click in the **Triggers** field and select the menu option item **Add a database trigger**.



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## Object server AEN configurations

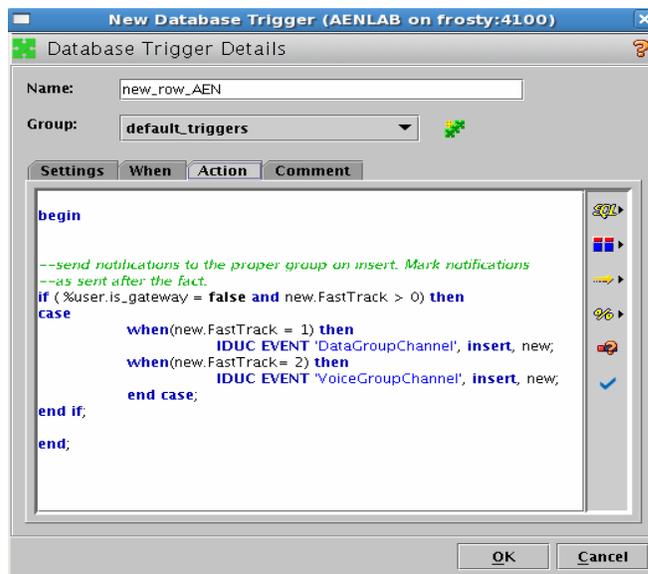
Name the trigger, assign it to the default triggers group, and set the database parameters. In this instance you are setting the trigger to fire after a post-database insertion into the alerts.status table.

The screenshot shows the 'Database Trigger Details' dialog box. The 'Name' field is 'new\_row\_AEN' and the 'Group' is 'default\_triggers'. The 'Settings' tab is active, showing 'On' set to 'alerts' and 'status'. The 'Run' section has 'Priority' set to 1, 'Pre database action' unselected, and 'Post database action' selected. The 'Action' section has 'Delete', 'Insert', 'Reinsert', and 'Update' options, with 'Insert' selected. The 'Apply To' section has 'Row' selected and 'Statement' unselected. The 'State' section has 'Debug' unselected and 'Enabled' selected. 'OK' and 'Cancel' buttons are at the bottom.

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## Object server AEN configurations

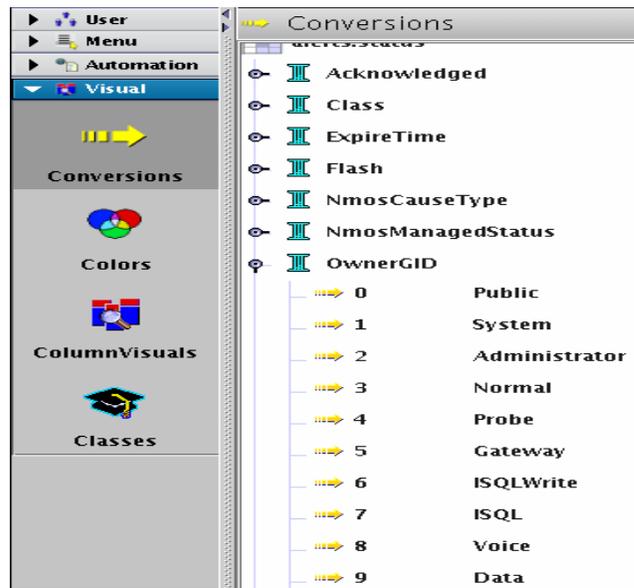
To complete the database trigger, you must define the action associated with this trigger.



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## Object server AEN configurations

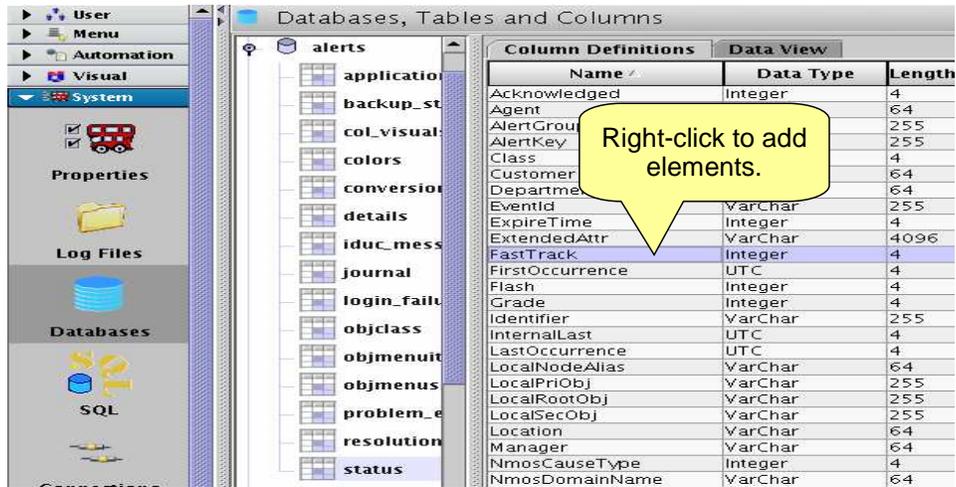
Ensure that you have your data conversions, voice conversions, and classes set within the **Visual** tab.



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## Object server AEN configurations

In the **alerts.status** table, you must define your FastTrack variable element.



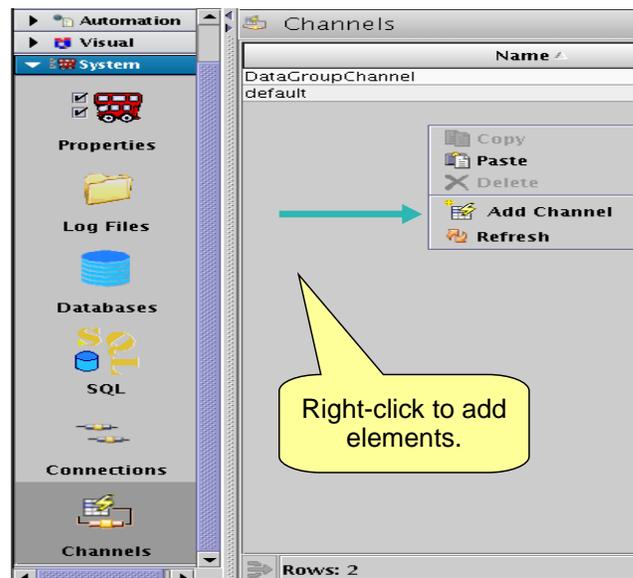
The screenshot shows the 'Databases, Tables and Columns' view in the Object Server. The 'alerts' table is selected, and the 'status' table is expanded to show its columns. The 'FastTrack' column is highlighted, and a yellow callout bubble points to it with the text 'Right-click to add elements.'

Column Name	Data Type	Length
Acknowledged	Integer	4
Agent	Integer	64
AlertGroup	Integer	255
AlertKey	Integer	255
Class	Integer	4
Customer	Integer	64
Department	Integer	64
EventId	VarChar	255
ExpireTime	Integer	4
ExtendedAttr	VarChar	4096
FastTrack	Integer	4
FirstOccurrence	UTC	4
Flash	Integer	4
Grade	Integer	4
Identifier	VarChar	255
InternalLast	UTC	4
LastOccurrence	UTC	4
LocalNodeAlias	VarChar	64
LocalPriObj	VarChar	255
LocalRootObj	VarChar	255
LocalSecObj	VarChar	255
Location	VarChar	64
Manager	VarChar	64
NmosCauseType	Integer	4
NmosDomainName	VarChar	64

In the alerts.status table, you must define your FastTrack variable element.

## Object server AEN configurations

The final element to configure in the object server is the fast track channels. Right-click in the **Channels** area and select **Add Channel**.

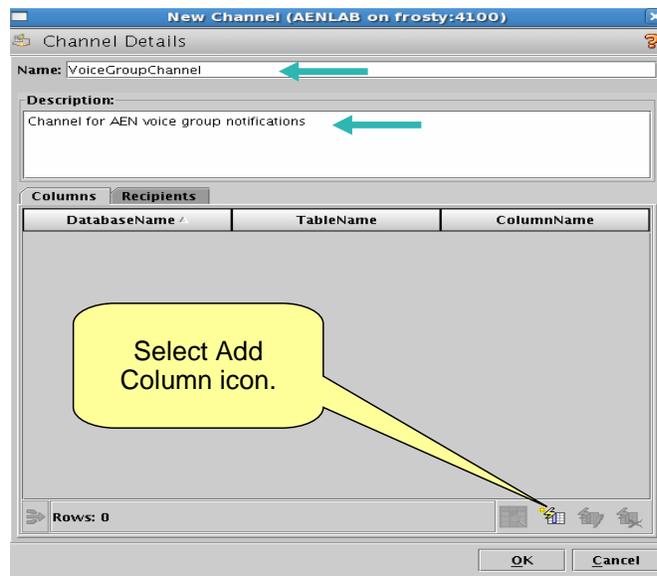


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The final element to configure in the object server is the fast track channels. Right-click in the **Channels** area and select **Add Channel**.

## Object server AEN configurations

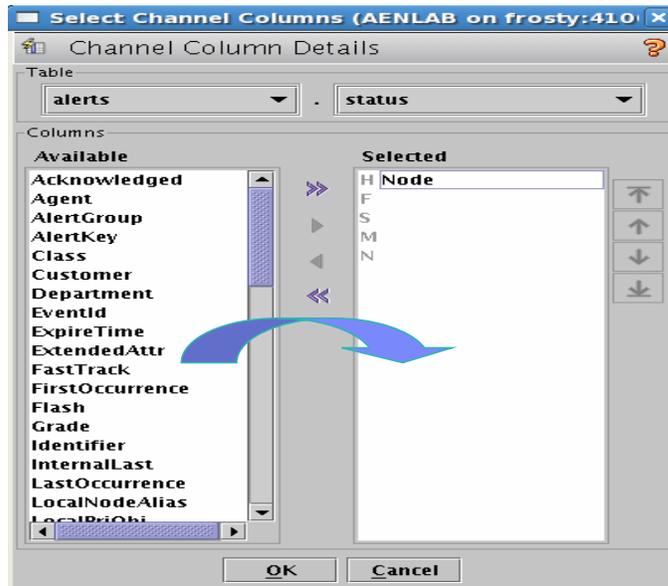
You must name and describe your channel. To add columns to this channel, select the Add Column icon at the bottom of the window.



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## Object server AEN configurations

Select and move into the **Selected** area the fields that you want to display in your accelerated event notifications.



## Training roadmap for *Netcool Tivoli OMNibus*

[http://www.ibm.com/software/tivoli/education/edu\\_prd.html](http://www.ibm.com/software/tivoli/education/edu_prd.html)



There are other ways to configure accelerated event notifications. For further training follow this link.

## Summary

- In summary, you have:
  - ▶ Configured the client-side Accelerated Event Notification application
  - ▶ Configured the Object Server elements for Accelerated Event Notifications
- Additional information regarding Accelerated Event Notification configuration can be found at:  
[http://publib.boulder.ibm.com/infocenter/tivihelp/v8r1/index.jsp?topic=/com.ibm.netcool\\_OMNibus.doc\\_7.2.1/admin/concept/omn\\_adm\\_aen\\_configuringaen.html](http://publib.boulder.ibm.com/infocenter/tivihelp/v8r1/index.jsp?topic=/com.ibm.netcool_OMNibus.doc_7.2.1/admin/concept/omn_adm_aen_configuringaen.html)



In summary you have configured the client side accelerated event notification application and configured the object server elements for accelerated event notifications. Additional information regarding accelerated event notification configuration can be found at the [public.boulder.ibm.com](http://public.boulder.ibm.com) Web site.

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