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Integration Notes

Integrating with IBM Tivoli TSOM

The Cascade Profiler integrates with the IBM Tivoli Security Operations Manager (TSOM) through the use of SNMP traps. It has been tested with TSOM Version 3.

When the two systems are integrated, Profiler notifies TSOM of any events that trigger Profiler alerts. These are shown on the TSOM console. The TSOM operator can right-click an entry in the problem resolution window to display the Profiler Event Detail Report on the TSOM GUI.

The general procedure for integrating Profiler with TSOM is as follows. (The Profiler tasks are described in more detail in the sections that follow. Refer to the TSOM documentation for detailed descriptions of the TSOM tasks.)

1. On Profiler, create an Event Viewer account for TSOM. Alternatively, specify a RADIUS source for Profiler to use to authenticate TSOM access to Profiler.
2. On Profiler, add the Event Viewer account for TSOM to the Profiler access control list.
3. On Profiler, specify the TSOM destination to which Profiler is to send SNMP traps and which types of traps to send.
4. When the two systems are integrated and operating, verify that:
   - Events reported by Profiler can be displayed in the TSOM problem resolution window.
   - Right-clicking a Profiler event in the problem resolution window causes TSOM to contact the Profiler. When you log in to the Event Viewer account on Profiler, TSOM displays the Profiler Event Detail Report for the event.

Giving TSOM Event Viewer access to Profiler

When Profiler receives a request for information, it authenticates the requesting user before sending the information. There are three methods by which Profiler can authenticate the request from the TSOM user:

- When prompted, the TSOM user enters the user name and password of a Profiler Event Viewer account.
- When prompted, the TSOM user enters a user name and password known to a RADIUS server that Profiler checks.
- The TSOM IP address and Event Viewer user account name are in the Profiler access control list.

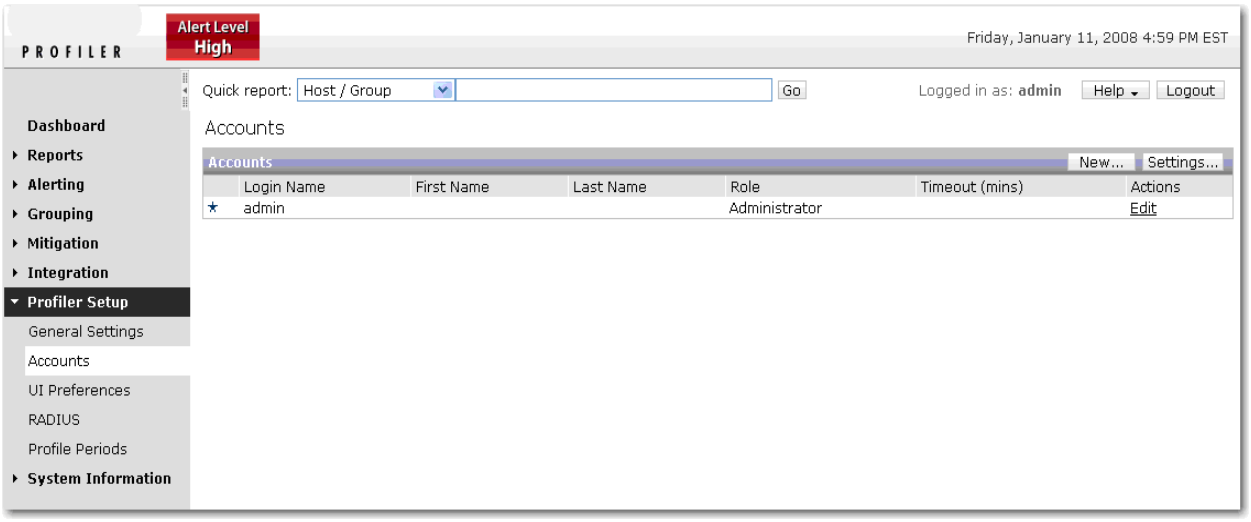
Note that users who are authenticated by RADIUS are given the privileges of a Monitor account, which exceed those of an Event Viewer account. An Event Viewer account can view a specific Event Detail Report, but cannot navigate away from that page.

Users authenticated through a RADIUS server can view Profiler displays related to traffic volumes and connections, in addition to specific Event Detail Reports. However, they cannot view user identity information or change the Profiler configuration, user settings, or their passwords.

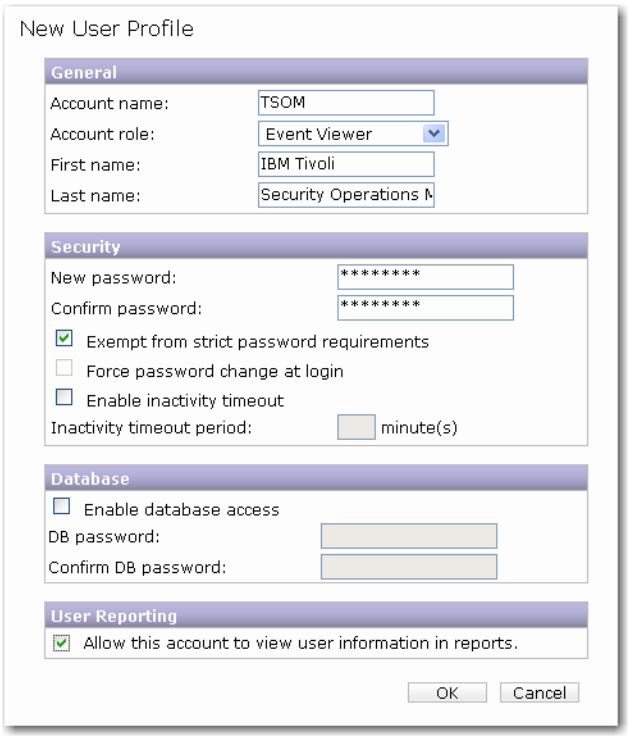
Event Viewer account

To specify an Event Viewer user account:

1. Log in to a Profiler account that has Administrator permission.
2. Go to the **Profiler Setup → Accounts** page.



3. On the Accounts page, click **New...**. This displays the New User Profile page.

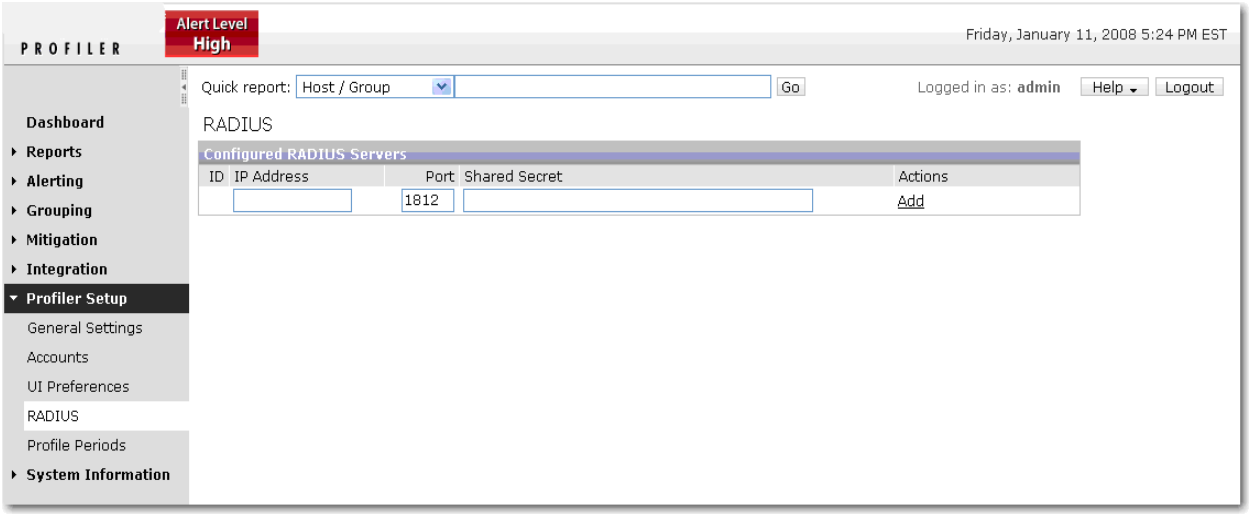


4. For the **Account role** field, select **Event Viewer** from the drop-down list.
5. Enter the user name and password for the TSOM system. For information about the other options, refer to the Profiler help system.
6. Click **OK** to create the new account.
7. On the **Profiler Setup → Accounts** page, confirm that the account has been created correctly.
8. Ensure that the TSOM users receive the login name and password for this account.

RADIUS

To allow Profiler to authenticate a TSOM user via RADIUS:

1. Identify a RADIUS server that is accessible to Profiler.
2. Arrange for the RADIUS administrator to register the TSOM user's user name and password.
3. On the Profiler, click **Profiler Setup → RADIUS** to open the RADIUS page.
4. Enter the server information. (The shared secret is provided by the RADIUS server administrator.)
5. Click **Add**. This adds the server to the list of configured RADIUS servers on the RADIUS page.
6. Check the **Profiler Setup → RADIUS** page to confirm the server is listed.

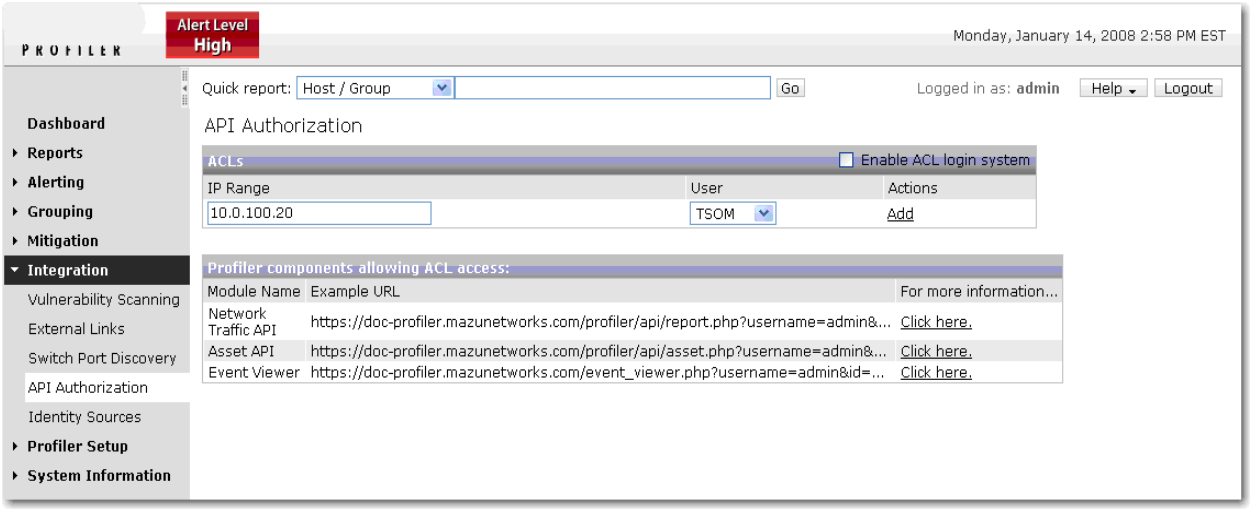


When a TSOM user enters a username and password that is not found in Profiler's database of user accounts, Profiler goes to the RADIUS server to authenticate the user.

API Authorization

To avoid TSOM users needing to log into Profiler in order to view Event Detail Reports, you can grant TSOM automatic access the Event Detail Reports. To do this:

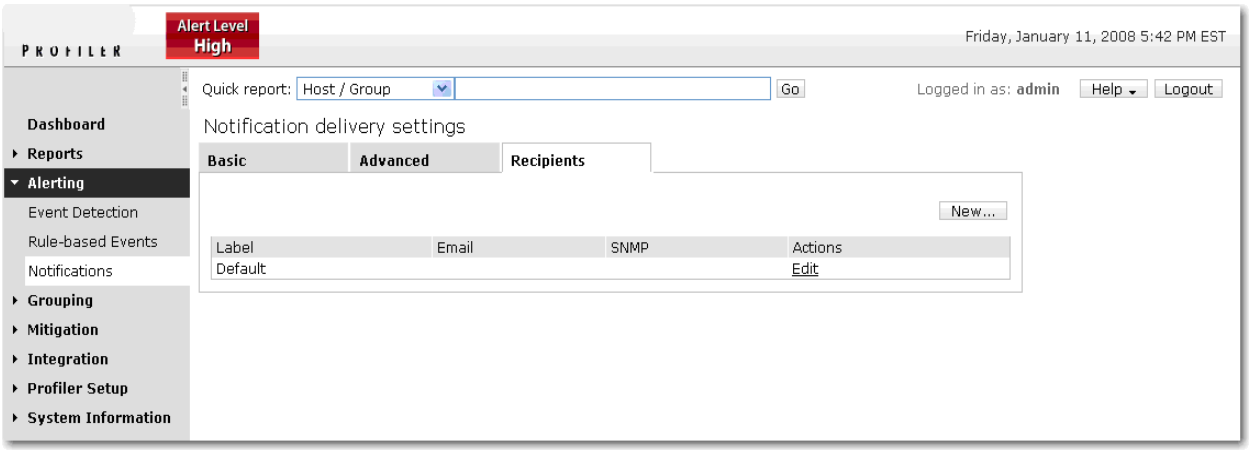
1. On the Profiler, click **Integration → API Authorization** to open the API Authorization page.
2. Enter the IP address of the TSOM system.
3. In the **User** list, select the name of the Event Viewer account that you set up for TSOM users.
4. Click **Add**.
5. Select the **Enable ACL login system** checkbox.



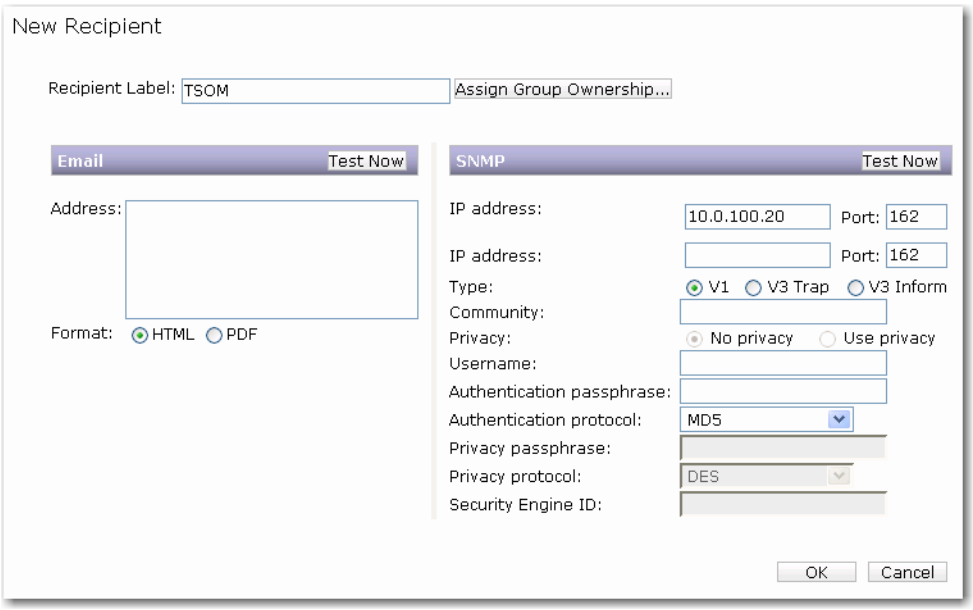
Sending Profiler traps to TSOM

Profiler can be configured to send traps for events of different types and severities to different or multiple recipients. It can also direct notifications on the basis of who is responsible for the groups of hosts in which an event is occurring. Refer to *Notifications* in the setup section of the Profiler help system or user's manual for descriptions of complex configurations. The procedure below assumes a simple configuration.

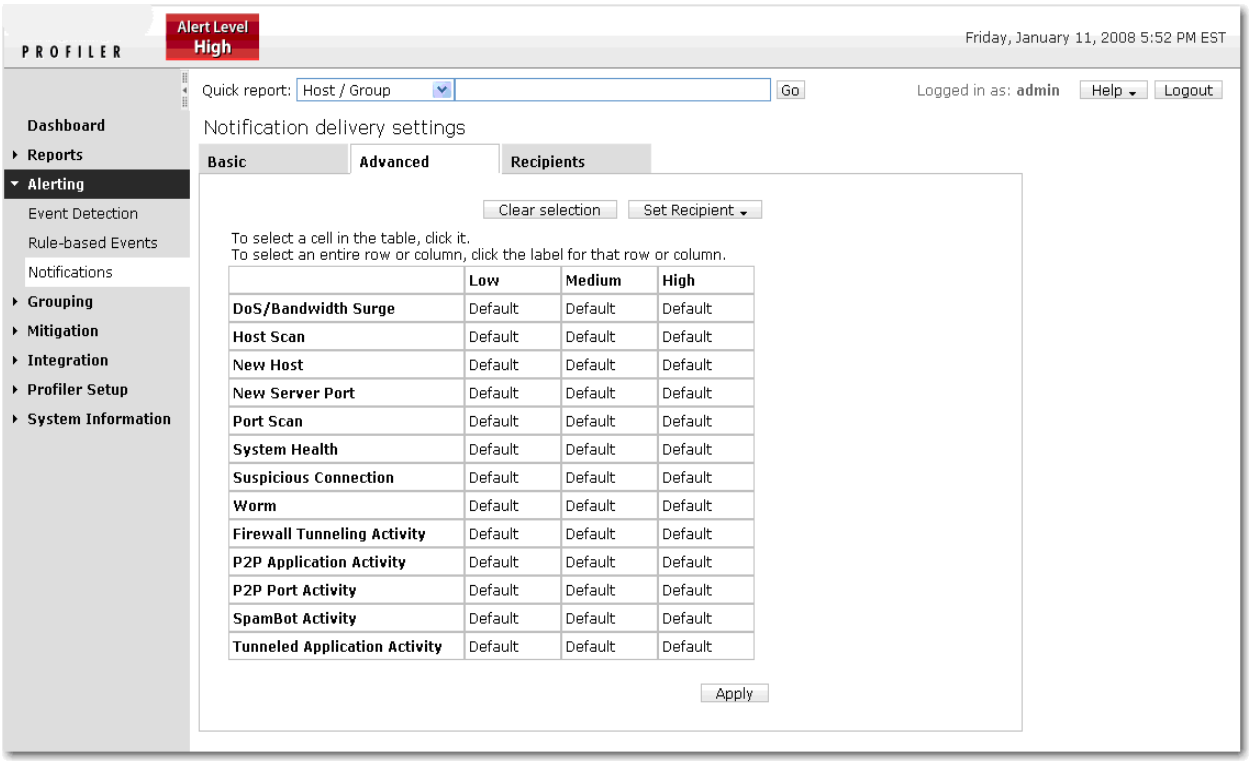
1. Go to the **Alerting → Notifications** page **Recipients** tab and click **New**.



2. On the New Recipient page, enter a label to identify the TSOM recipient configuration.
3. Enter the IP address and port number of the TSOM system.
4. Select the trap type, enter the required information for the trap receiver, and click **OK**.
5. Click **Test Now**, if desired, to send test notifications to the TSOM system.



6. Select the **Advanced** tab.



7. Select the cells or column cells in the table that correspond to the event types and alert levels that you want reported to the TSOM system. (Click in the empty area of the first table cell to select all trap types.)
8. With the desired trap types selected, click the **Set Recipients** drop-down list and choose the recipient name that you just defined for the TSOM system.
9. Click **Apply** and observe that all selected cells display the TSOM recipient name.

For Additional Information

If you have questions or need additional information, please contact Riverbed Technical Support at https://support.riverbed.com or call 1-888-RVBD-TAC (1-888-782-3822) in the United States and Canada or +1 415 247 7381 outside the United States.