UEC Client Applications 6.2.x

User Guide

Universal Enterprise Controller Client Applications 6.2.x User Guide

Universal Enterprise Controller (UEC) Client Applications

This page provides general information on the Universal Enterprise Controller (UEC) Client Applications:

- I-Administrator
- I-Activity Monitor
- I-Management Console

I-Administrator

The I-Administrator application is used to identify the Agents that UEC will monitor and the SAP systems to which UEC will have access.

I-Administrator also is used to administer UEC users and their permissions.

With I-Administrator, a user can:

- Add, modify, and delete users, SAP systems, and Agents.
- Assign groups (of Agents and/or SAP systems) to users.

Note
A user must have UEC administrative rights in order to use I-Administrator.

Upon installation of UEC, a default user ID (**admin**) and password (**admin**) are created having UEC administrative rights. It is recommended that another user with administrative rights is created and the default administrative login (**admin**) is deleted.

I-Activity Monitor

The I-Activity Monitor application displays information about the current status, posted alerts, and job and file activity for all Agents being monitored by UEC throughout an enterprise.

When an Agent or SAP system is added to (UEC), via the I-Administrator application, UEC is able to collect information about that Agent or system.

Authorized users are able to use the I-Activity Monitor interface to stop running any Universal Agent or Universal Data Mover component (if it is a component of an Agent being polled by UEC).

I-Management Console

The I-Management Console application provides a graphical user interface for remotely configuring Agents.

- View and modify the configurations of Agents being monitored by UEC.
- Modify the configurations of multiple Agents simultaneously through the use of Agent profiles.
- View the status of modified configurations committed to Agents.

Detailed Information

The following pages provide detailed information for UEC Client Applications:

- Accessing UEC Client Applications
- I-Administrator
- I-Activity Monitor
- I-Management Console

Accessing UEC Client Applications

Overview

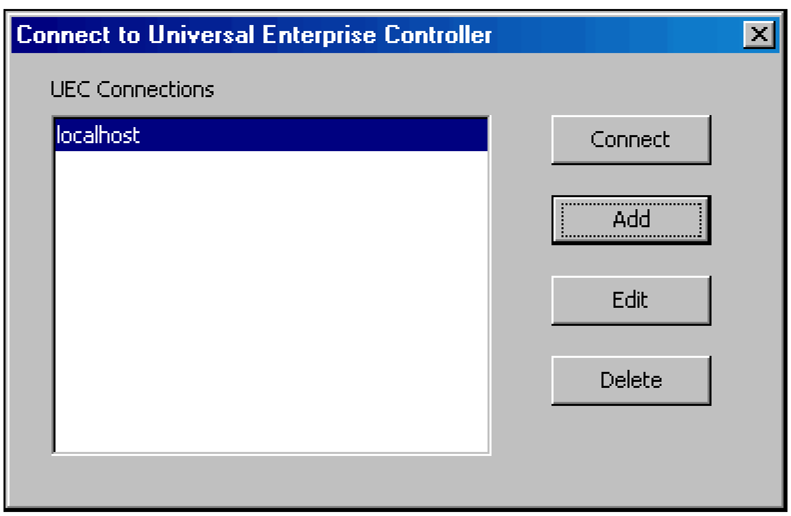
Currently, the UEC Client Applications can be run only as Windows applications.

To run a client application as a Windows application, you must first:

1. Connect to the UEC server on which client applications resides.
2. Log in to the client application.

Connecting to UEC

From the Windows **Start** menu, select the UEC Client Application that you want to run. The Connect to Universal Enterprise Controller dialog displays, which lets you connect to a Universal Enterprise Controller server.



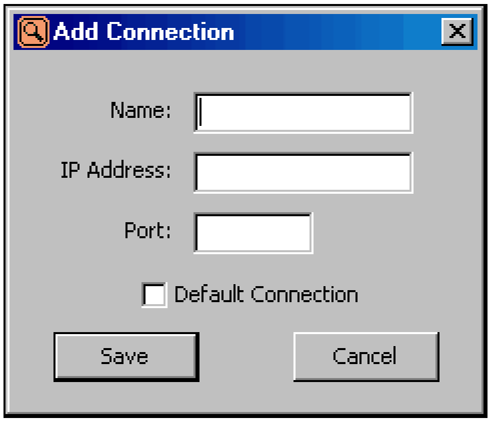
Select a connection in the UEC Connections window and click the **Connect** button. The User Login dialog then displays.

If there are no connections listed, you can create one.

Note
The Connect to Universal Enterprise Controller dialog also lets you **Edit** and **Delete** the user-defined UEC connections.

Adding a UEC Connection

Click the **Add** button on the Connect to Universal Enterprise Controller dialog (see Connecting to UEC) to display the following dialog, which lets you add a connection.



Step 1	Enter the following information: • **Name** to be associated with the connection • **IP Address** (or hostname) • **Port** (UEC port)
Step 2	Check **Default Connection** if you want this connection to be selected automatically the next time that you run the selected UEC Client Application.
Step 3	Click **Save** to save the connection permanently and redisplay the Connect to Universal Enterprise Controller dialog, which displays this new connection (see Connecting to UEC).

Note
The I-Administrator utility and the I-Management Console utility keep separate controller lists.

UEC Connection Information

The UEC Client Applications create a file, **uechosts.txt**, that contains the UEC connection information, including the user-defined Agent name and the IP address on which UEC is installed. This file is shared by all client applications on UEC.

This file is located in the **%appdata%\Universal** directory.

Windows 2000, Windows XP, Windows Server 2003

```
%appdata% resolves to C:\Documents and Settings\userid\Application Data.
```

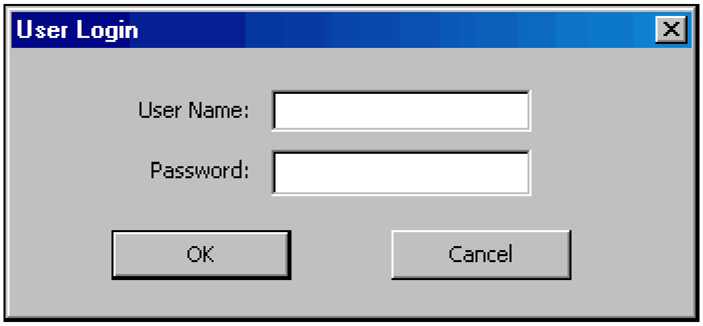
Windows Vista, Windows 7, Windows Server 2008 / 2008 R2

```
%appdata% resolves to C:\Users\userid\AppData\Roaming.
```

For all Windows systems, **userid** is the ID of the user currently logged into Windows.

Logging in to a UEC Client Application

After you connect to Universal Enterprise Controller, the following dialog displays, which lets you log in to the selected client application.



Enter your User Name and Password, and then click the **OK** button.

The default screen for the selected client application then displays.

I-Administrator

Introduction

The I-Administrator utility is used to identify the Agents that UEC will monitor and the SAP systems to which UEC will have access. It also is used to administer UEC users and their permissions.

With I-Administrator, a user can:

- Add, modify, and delete users, SAP systems, and Agents.
- Assign groups (of Agents and/or SAP systems) to users.

Tasks Enabled via I-Administrator

By defining users, Agents, SAP systems, and groups in I-Administrator, you enable UEC to perform the following tasks:

- Poll status and events of Agents.
- Poll information from SAP systems.
- Propagate information to and from the UEC Client Applications:
    - I-Activity Monitor
    - I-Management Console

Additionally, it allows you, as a UEC user, to:

- Configure Agents and their applications through I-Management Console.
- Govern user permissions.

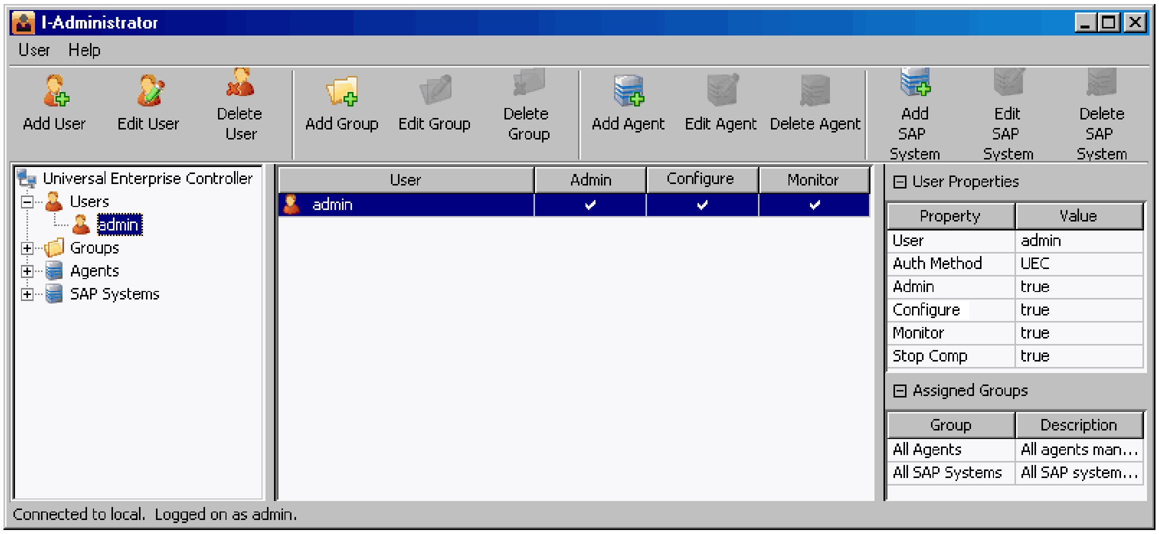
Detailed Information

The following pages provide detailed information for I-Administrator:

- Using I-Administrator
- I-Administrator Menu Bar
- I-Administrator Tool Bar
- Adding a User via I-Administrator
- Assigning User Permissions
- Assigning Agent Groups to a User
- Assigning Configuration Access to a User
- Editing a User via I-Administrator
- Deleting a User via I-Administrator
- Adding a Group via I-Administrator
- Editing a Group via I-Administrator
- Deleting a Group via I-Administrator
- Adding an Agent via I-Administrator
- Editing an Agent via I-Administrator
- Deleting an Agent via I-Administrator
- Adding an SAP System via I-Administrator
- Editing an SAP System via I-Administrator
- Deleting an SAP System via I-Administrator

Using I-Administrator

When you log in to I-Administrator, (see Accessing UEC Client Applications), the I-Administrator screen displays.



I-Administrator Screen Information

The I-Administrator screen contains five regions:

- Menu Bar
  The menu bar lets you change your UEC Client Applications password and log off I-Administrator (see I-Administrator Menu Bar).
- Tool Bar
  The tool bar lets you add, edit, and delete the four types of UEC database items (users, groups, Agents, and SAP systems) in the UEC database (see I-Administrator Tool Bar).
- UEC Navigation Tree
  The Navigation tree identifies the four types of UEC database items: Users, Groups, Agents, and SAP Systems.
  - Clicking the **+** icon next to an item type displays a list, under that item type, of all currently defined items for that type.
  - Clicking the name of an item type in the Navigation tree displays all currently defined items for that type in the Summary table.
- Summary table
  The Summary table displays summary information of all items for a selected type.
  - Clicking on an item in the Summary table displays detailed information about that item in the Detail view.
- Detail View
  The Detail view displays detailed information about an item selected in the Summary table. It appears only when an item has been selected.

> **Note**
> The initial I-Administrator screen that displays when you log in provides a list of all currently defined UEC users. It does not pre-select a specific user and, therefore, does not display the Detail View.

I-Administrator Menu Bar

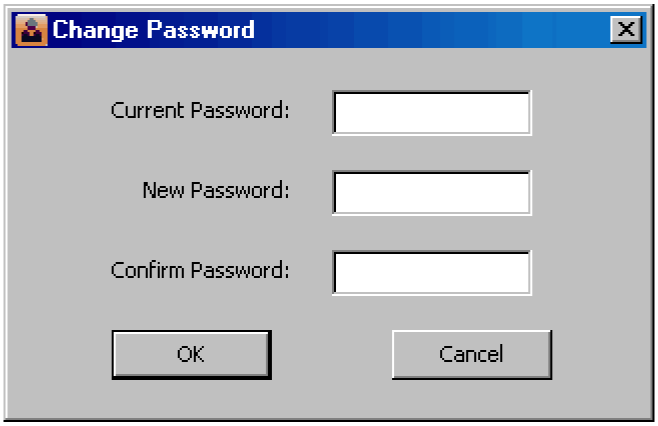
I-Administrator Menu Bar

The following table identifies the items on each menu of the menu bar at the top of the I-Administrator screen (see Using I-Administrator) and provides a link to the task associated with each item.

Menu / Item	Description
User / Change Password	Change UEC Client Applications log in password. (See Changing a Password via I-Administrator.)
User / Logoff	Log off I-Administrator. (See Logging Off I-Administrator.)
Help / About	View information about I-Administrator. (See Viewing Information about I-Administrator.)

Changing a Password via I-Administrator

To change the password that you use to log in to UEC Client Applications, perform the following steps.

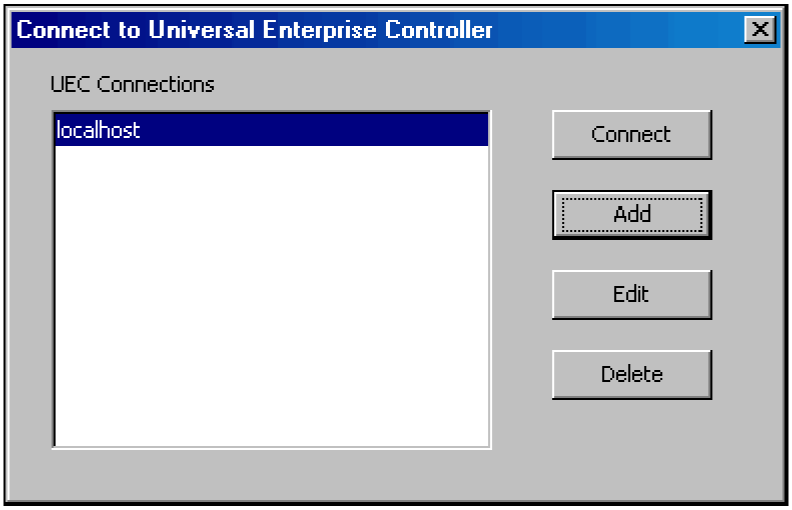
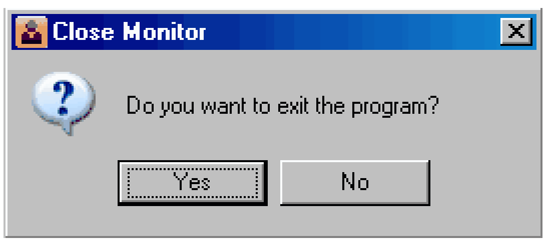
<table>
<tr><td>Step 1</td><td>Click Change Password on the User menu. The Change Password dialog displays.

</td></tr>
<tr><td>Step 2</td><td>Enter your Current Password.</td></tr>
<tr><td>Step 3</td><td>Enter a New Password.</td></tr>
<tr><td>Step 4</td><td>Reenter your new password in Confirm Password.</td></tr>
<tr><td>Step 5</td><td>Click the OK button.
If the change was successful, the following dialog displays.

</td></tr>
<tr><td>Step 6</td><td>Click the OK button.</td></tr>
</table>

You must use this new password the next time that you log in to any of the UEC Client Applications.

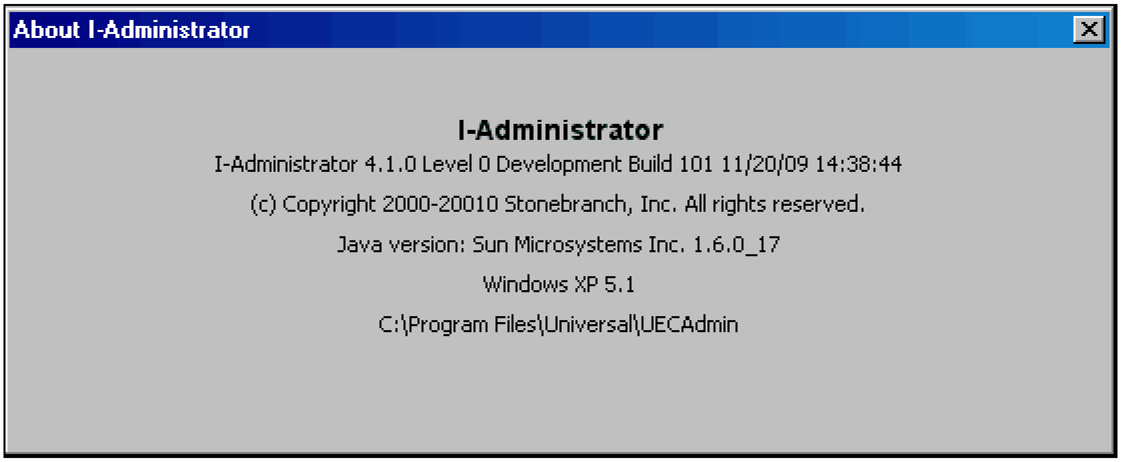
Logging Off I-Administrator

To log off I-Administrator, perform the following tasks.

Step 1	Click **Logoff** on the **User** menu. The Connect to Universal Enterprise Controller dialog displays. 
Step 2	Click the **x** icon in the top, right corner to disconnect from the Universal Enterprise Controller Server on which I-Activity Monitor resides. The Close Monitor dialog then displays. 
Step 3	Click the **Yes** button to log off I-Administrator.

Viewing Information about I-Administrator

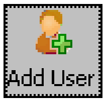
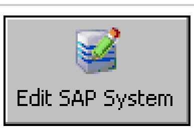
To view information about the version of I-Administrator to which you have logged in, click **About** on the **Help** menu. The About I-Administrator dialog then displays.



I-Administrator Tool Bar

The I-Administrator tool bar provides a set of 12 icons that let you select the I-Administrator functions.

The following table identifies these icons.

Icon	Description
	Add a UEC user. (See Adding a User via I-Administrator.)
	Edit a UEC user. (See Editing a User via I-Administrator.)
	Delete a UEC user. (See Deleting a User via I-Administrator.)
	Add a group of UEC Agents or SAP systems. (See Adding a Group via I-Administrator.)
	Edit a group of UEC Agents or SAP systems. (See Editing a Group via I-Administrator.)
	Delete a group of UEC gents or SAP systems. (See Deleting a Group via I-Administrator.)
	Add an Agent. (See Adding an Agent via I-Administrator.)
	Edit an Agent. (See Editing an Agent via I-Administrator.)
	Delete an Agent. (See Deleting an Agent via I-Administrator.)
	Add an SAP system. (See Adding an SAP System via I-Administrator.)
	Edit an SAP system. (See Editing an SAP System via I-Administrator.)

	Delete an SAP system. (See Deleting an SAP System via I-Administrator.)

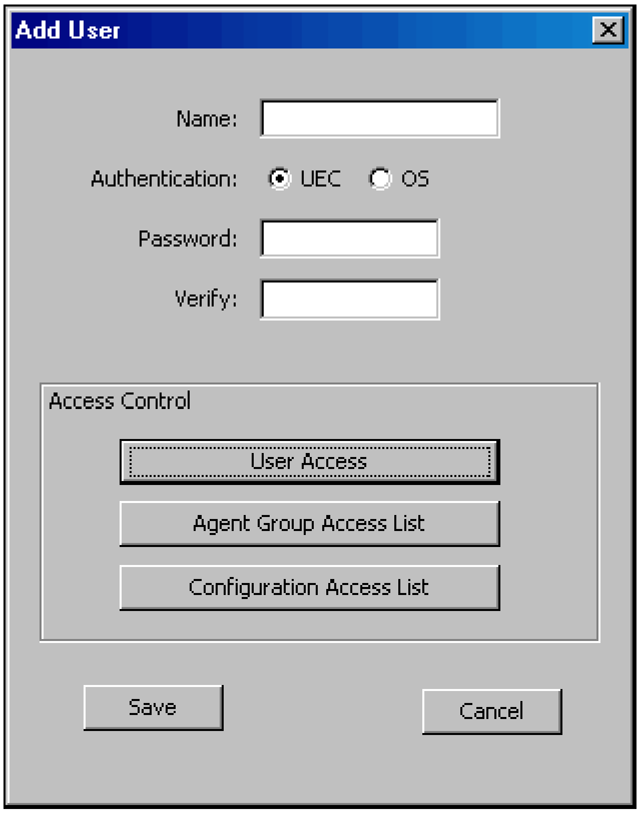
The **Edit** and **Delete** icons for a database item (user, group, Agent, or SAP system) are enabled only when a specific item of that type is selected in the Navigation tree or Summary table.

Adding a User via I-Administrator

Perform the following steps to add a UEC user.

Step 1 Display the **Add User** dialog (below) either by:

- Clicking **Add User** icon on the I-Administrator tool bar.
- Clicking on **Users** in the UEC Navigation tree and then clicking on the **Add** button that displays when you right-click anywhere in the Navigation tree.



Step 2 Enter a **Name** to identify the user in the UEC database. The user must use this name to log in to any of the UEC Client Applications.

> **Note**
> User names and passwords are case-sensitive. Duplicate user names are not allowed.

Step 3 Select a method of **Authentication:** UEC or OS.

- - If you select **OS**, the **Name** and **Password** must be the same as those defined on the operating system where UEC is installed.
  - If you select **UEC**, the login requires the password as defined for the user in the UEC database.

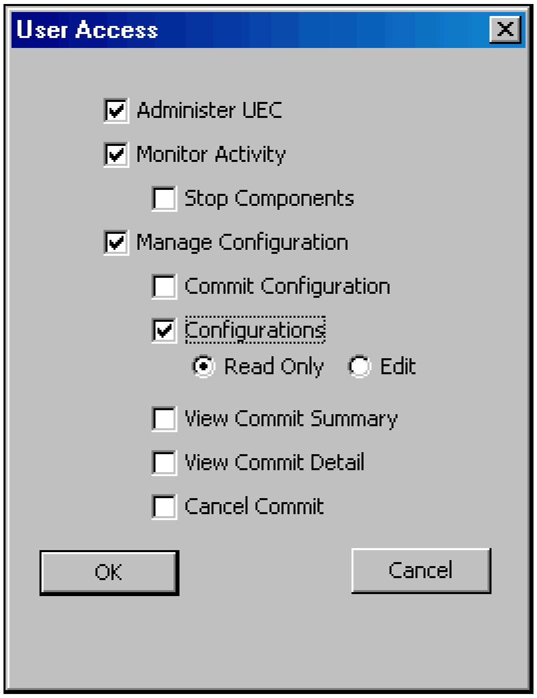
Step 4 If you selected UEC, enter a **Password** and then, at **Verify**, reenter the password.
If you selected **OS** in Step 3, **Password** is disabled. The OS method provides authentication on the operating system where UEC is executing. Therefore, the password entry is unnecessary.

Step 5	If you want to select permissions for the user, click the **User Access** button. The User Access dialog displays (see Assigning User Permissions). After you select permissions for this user, you are returned to the Add User dialog.
Step 6	If you want to assign one or more Agent groups to the user, click the **Agent Group Access List** button. The Agent Group Access List dialog displays (see Assigning Agent Groups to a User). After you assign Agent groups to this user, you are returned to the Add User dialog.
Step 7	If you want to assign the user I-Management Console access to the one or more Agent configurations, click the **Configuration Access List** button. The Configuration Access List dialog displays (see Assigning Configuration Access to a User). After you assign configurations to this user, you are returned to the Add User dialog. **Note** The **Configuration Access List** button is enabled only if you have selected **Manage Configurations** in the User Access dialog .
Step 8	Click the **Save** button to add the new user in the UEC database (or click the **Cancel** button to exit the Add User dialog without adding the user to the UEC database).

Assigning User Permissions

The User Access dialog (below) lets you assign permissions to a user.

To display the User Access dialog, click the **User Access** button on the Add User dialog (see Adding a User via I-Administrator) or the Edit User dialog (see Editing a User via I-Administrator).



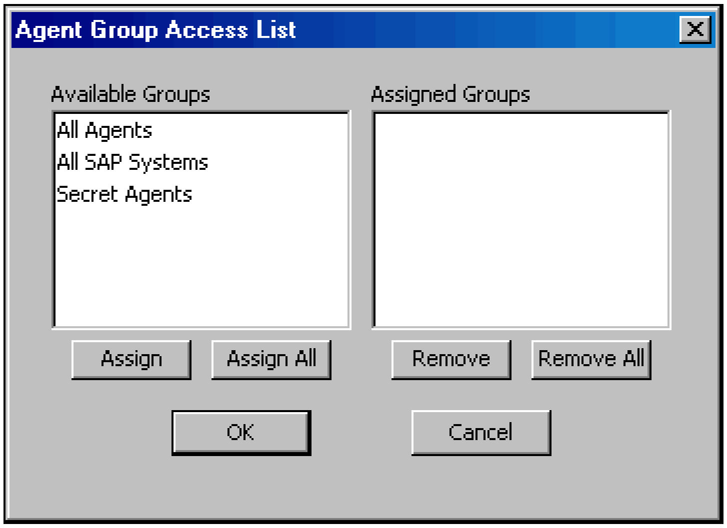
Step 1	Select **Administer UEC** to permit the user to access I-Administrator.
Step 2	Select **Monitor Activity** to permit the user to access I-Activity Monitor.
Step 3	Select **Stop Components** to permit the user to stop a component using I-Activity Monitor.
Step 4	Select **Manage Configuration** to permit the user to access the I-Management Console.
Step 5	Select **Commit Configuration** to permit the user to commit configuration values and profiles to Agents in I-Management Console.
Step 6	Select **Configurations**, and then either of the following, to permit the user access to Agent configurations and profiles in I-Management Console: • **Read Only**: User can view configurations and profile values. • **Edit**: User can alter configuration and profile values.
Step 7	Select **View Commit Summary** to permit the user to view the Commit Summary table in I- Management Console.
Step 8	Select **View Commit Detail** to permit the user to view the detail of a selected commit in I-Management Console.
Step 9	Select **Cancel Commit** to permit the user to cancel a commit in I-Management Console.
Step 10	Click the **OK** button to accept the selections on this dialog and return to the previous dialog (or click the **Cancel** button to exit the dialog without accepting the selections).

Only when you click the **Save** button on the Add User or Edit User dialog are the selections saved.

Assigning Agent Groups to a User

The Agent Group Access List dialog lets you assign groups of Agents and/or SAP systems to a user.

To display the Agent Group Access List dialog (below) click the **Agent Group Access List** button on the Add User dialog (see Adding a User via I-Administrator) or the Edit User dialog (see Editing a User via I-Administrator).



The **Available Groups** window identifies all currently defined groups that have not been assigned to the user.

The **Assigned Groups** window identifies all currently defined groups that have been assigned to the user.

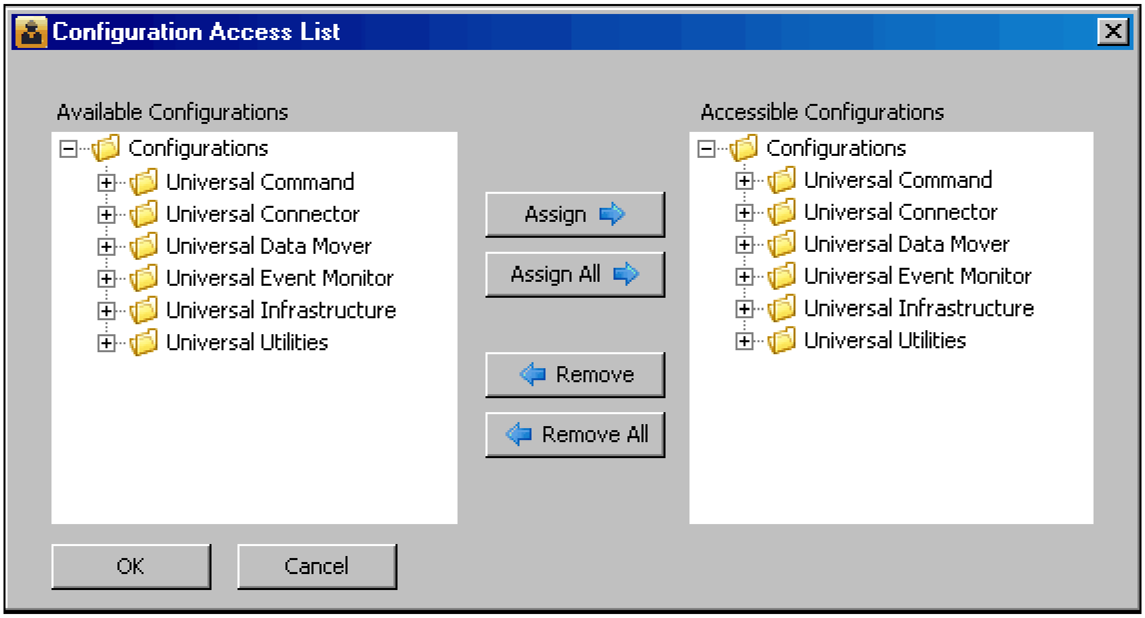
Step 1	Double-click a group to move it from one window to another — OR: 1. Click on a group (or use the **Ctrl** key to click on more than one group). 2. Click the **Assign** button to move the selected group(s) to the Assigned Groups window; click the **Remove** button to move the selected group(s) to the Available Groups window.
Step 2	Click the **Assign All** button to move all Available Groups to the Assigned Groups window.
Step 3	Click the **Remove All** button to move all Assigned Groups to the Available Groups window.
Step 4	Click the **OK** button to save the selected assignments and returns you to the previous dialog (or click the **Cancel** button to exit the dialog without saving the selections).

Assigning Configuration Access to a User

The Configuration Access List dialog lets you assign user access to one or more Universal Agent or Universal Data Mover configurations.

To display the Configuration Access List dialog (below), click the **Configuration Access List** button on the Add User dialog (see Adding a User via I-Administrator) or the Edit User dialog (see Editing a User via I-Administrator).

Note
The **Configuration Access List** button is enabled only if you have selected **Manage Configurations** in the User Access dialog (see {Assigning User Permissions]).



The Available Configurations window identifies all currently available configurations.

The Accessible Configurations window identifies all configurations that have been assigned access to the user.

(Click the **+** icon next to each configurations group in the window to see its list of configurations. Configurations can be added or removed from each list individually or by group.)

Step 1	Click on an Available or Accessible configuration group or individual configuration (or use the **Ctrl** key to click on more than one configuration group and/or individual configuration).
Step 2	Click the **Assign** button to add selected Available Configurations to the Accessible Configurations window; click the **Remove** button to remove selected Accessible Configurations from that window.
Step 3	Click the **Assign All** button to add all configurations to the Accessible Configurations window.
Step 4	Click the **Remove All** button to remove all configurations from the Accessible Configurations window.
Step 5	Click the **OK** button to save the selected assignments and returns you to the previous dialog (or click the **Cancel** button to exit the dialog without saving the selections).

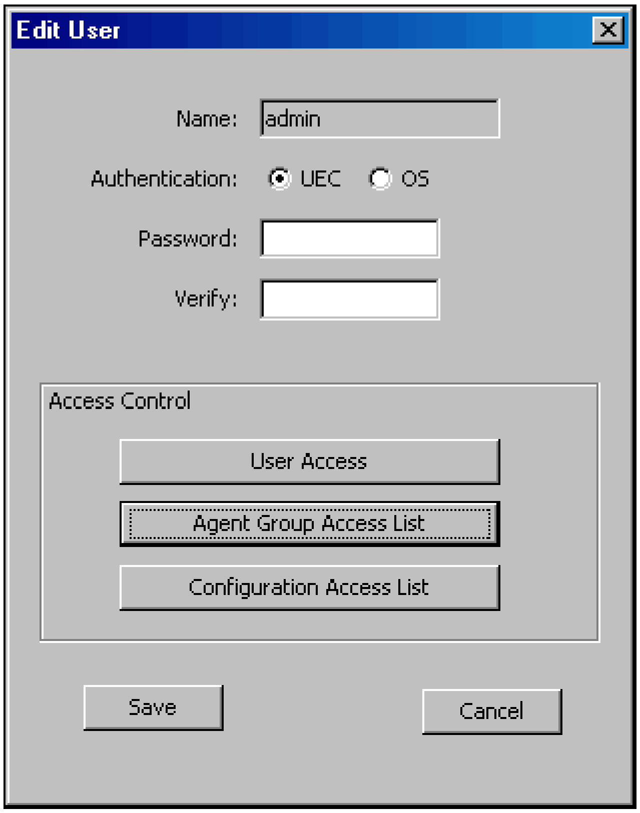
Editing a User via I-Administrator

Perform the following steps to edit a UEC user.

<table>
<tr><td>Step 1</td><td>Select a UEC user to edit either by:

Double-clicking on a user name in the Navigation tree or the Summary table.
Clicking on a user name in the Navigation tree or the Summary table and then clicking the Edit User icon on the I-Administrator tool bar.
Clicking on a user name in the Navigation tree and then clicking on the Edit button that displays when you right-click anywhere in the Navigation tree.

The Edit User dialog displays.



</td></tr>
<tr><td>Step 2</td><td>Enter and/or edit information as instructed via the Add User Dialog (see Adding a User via I-Administrator).</td></tr>
<tr><td>Step 3</td><td>Click the Save button to save the changes to the selected user (or click the Cancel button to exit the Edit User dialog without editing the user in the UEC database).</td></tr>
</table>

Deleting a User via I-Administrator

Perform the following steps to delete a UEC user.

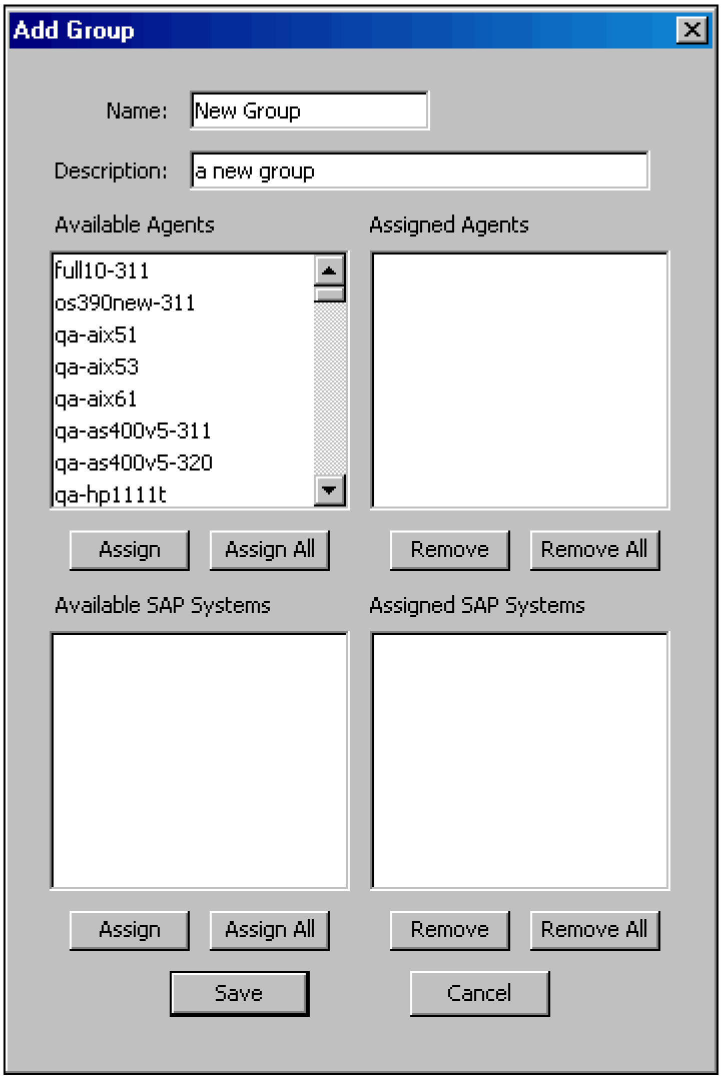
Step 1	Select a UEC user to delete either by: 1. Clicking on a user name in the Navigation tree or the Summary table and then clicking the **Delete User** icon on the I-Administrator tool bar. 2. Clicking on a user name in the Navigation tree and then clicking the **Delete** button that displays when you right-click anywhere in the Navigation tree. The **Delete User** dialog displays. 
Step 2	Click the **Yes** button to delete the selected user (or click the **No** button to retain the user).

Adding a Group via I-Administrator

Perform the following steps to add a UEC group.

Step 1 Display the **Add Group** dialog either by:

1. Clicking the **Add Group** icon on the I-Administrator tool bar.
2. Clicking on **Groups** in the Navigation tree and then clicking on the **Add** button that displays when you right-click anywhere in the Navigation tree.



The **Available Agents** window identifies all currently defined Agents that are available to be assigned to the group. The **Assigned Agents** window identifies all currently defined Agents that have been assigned to the group.
The **Available SAP Systems** window identifies all currently defined SAP systems that are available to be assigned to the group. The **Assigned SAP Systems** window identifies all currently defined SAP systems that have been assigned to the group.

Step 2	Enter a **Name** for the group. **Note** Group names are case-sensitive. Duplicate group names are not allowed.
Step 3	Enter a **Description** of the group.
Step 4	Assign Agents to the group by moving them to the **Assigned Agents** window. Either: 1. Double-click on an Agent in the **Available Agents** window. 2. Click on an Agent in the **Available Agents** window (or use the **Ctrl** key to click on more than one Agent) and then click the **Assign** button. 3. Click the **Assign All** button.
Step 5	Remove Agents from the group by moving them to the **Available Agents** window. Either: 1. Double-click on an Agent in the **Assigned Agents** window. 2. Click on an Agent in the **Assigned Agents** window (or use the **Ctrl** key to click on more than one Agent) and then click the **Remove** button. 3. Click the **Remove All** button.
Step 6	Assign SAP systems to the group by moving them to the **Assigned SAP Systems** window. Either: 1. Double-click on an SAP system in the **Available SAP Systems** window. 2. Click on an SAP system in the **Available SAP Systems** window (or use the **Ctrl** key to click on more than one SAP system) and then click the **Assign** button. 3. Click the **Assign All** button.
Step 7	Remove SAP systems from the group by moving them to the **Available SAP Systems** window. Either: 1. Double-click on an SAP system in the **Assigned SAP Systems** window. 2. Click on an SAP system in the **Assigned SAP Systems** window (or use the **Ctrl** key to click on more than one SAP system) and then click the **Remove** button. 3. Click the **Remove All** button.
Step 8	Click the **Save** button to add the new group and return you to the previous dialog (or click the **Cancel** button to cancel the addition of this new group).

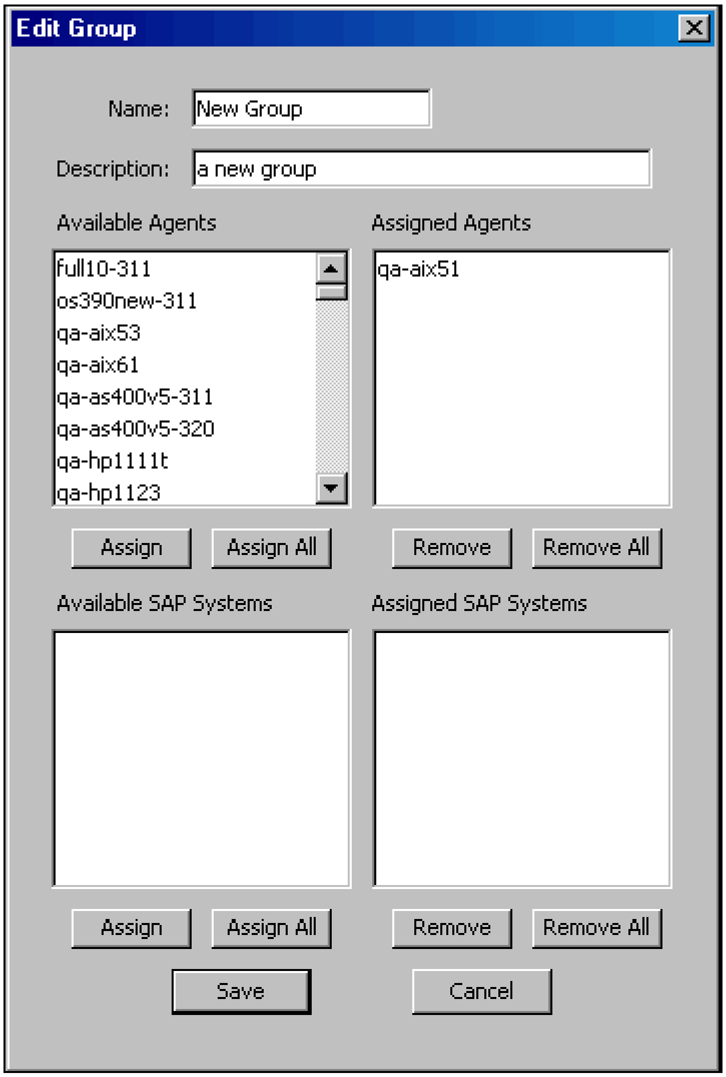
Editing a Group via I-Administrator

Perform the following steps to edit a UEC group.

<table>
<tr><td>Step 1</td><td>Select a UEC group either by:

Double-clicking on a group name in the Navigation tree or the Summary table.
Clicking on a group name in the Navigation tree or the Summary table and then clicking the Edit Group icon on the I-Administrator tool bar.
Clicking on a group name in the Navigation tree and then clicking on the Edit button that displays when you right-click anywhere in the Navigation tree.

The Edit Group dialog displays.



</td></tr>
<tr><td>Step 2</td><td>Enter and/or edit information for the group in the same way as instructed for adding a group (see Adding a Group via I-Administrator).</td></tr>
<tr><td>Step 3</td><td>Click the Save button to save the changes to the selected group (or click the Cancel button to exit the dialog without editing the group in the UEC database).</td></tr>
</table>

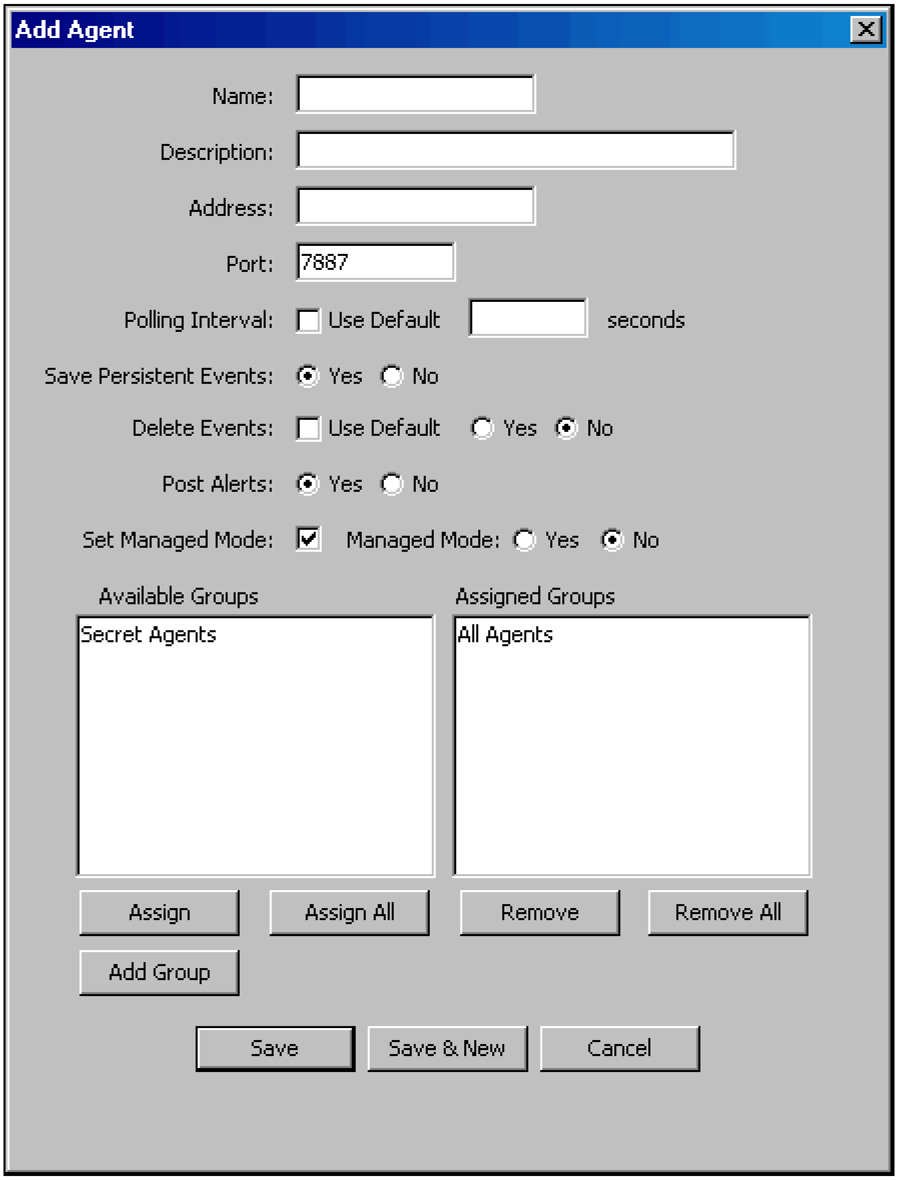
Deleting a Group via I-Administrator

Perform the following steps to delete a UEC group.

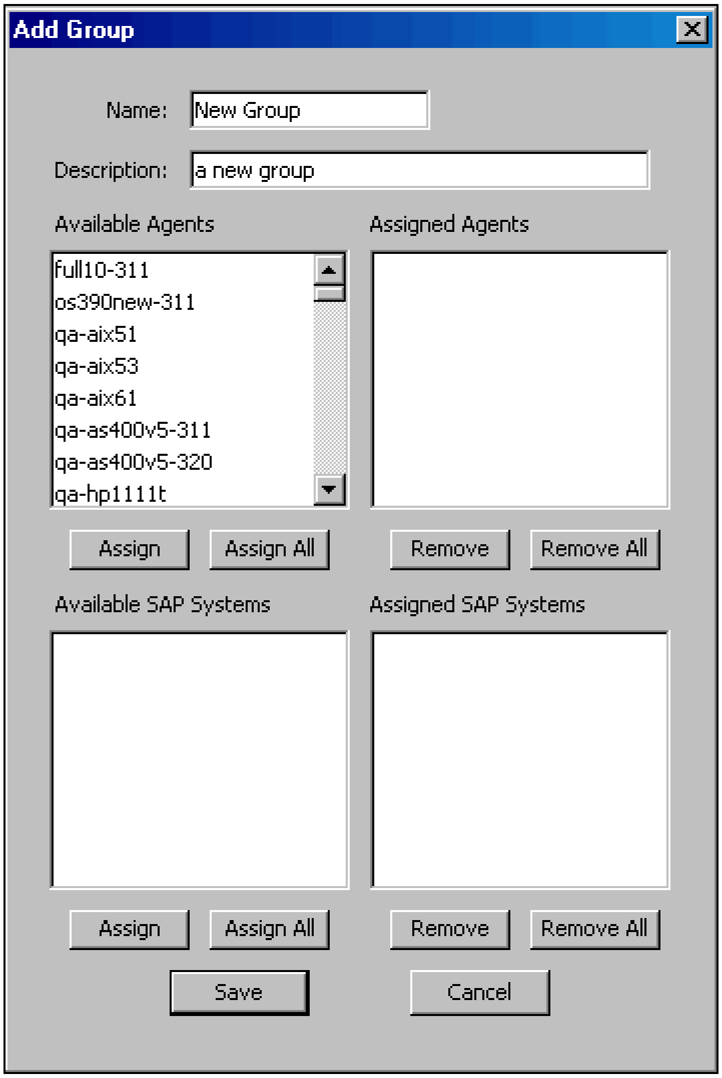
Step 1	Select a UEC group to delete either by: 1. Clicking on a group name in the Navigation tree or the Summary table and then clicking the **Delete Group** icon on the I-Administrator tool bar. 2. Clicking on a group name in the Navigation tree and then clicking the **Delete** button that displays when you right-click anywhere in the Navigation tree. The **Delete Group** dialog displays. 
Step 2	Click the **Yes** button to delete the selected group (or click **No** to retain the group).

Adding an Agent via I-Administrator

Perform the following steps to add a UEC Agent.

Step 1	Display the **Add Agent** dialog (below) either by: 1. Clicking **Add Agent** icon on the I-Administrator tool bar. 2. Clicking on **Agents** in the Navigation tree and then clicking on the **Add** button that displays when you right-click anywhere in the Navigation tree.  The **Available Groups** window identifies all currently defined groups to which the Agent can be assigned. The **Assigned Groups** window identifies all currently defined groups to which the Agent currently is assigned. (Every Agent automatically is assigned to the **All Agents** group.)

Step 2	Enter a **Name** for the Agent. **Note** Agent names are case-sensitive. Duplicate Agent names are not allowed.
Step 3	Enter a **Description** of the Agent.
Step 4	Enter the **Address** of the Agent (the host name or IP address where the Agent is running).
Step 5	Enter the **Port** (listening port) of the Agent.
Step 6	Select a **Polling Interval** for the Agent (the interval of time that UEC will use to poll that Agent). Either: 1. Select **Use Default** for UEC to poll the Agent at the interval specified by the UEC POLLING_INTERVAL configuration option. 2. De-select **Use Default** and enter the number of seconds at which to poll the Agent.
Step 7	For **Save Persistent Events**, select whether or not you want UEC to save persistent events of the Agent to the event database (**Yes** or **No**).
Step 8	For **Delete Events**, specify whether or not UEC is to notify the Agent to delete its events. Either: 1. Select **Use Default** for UEC to use the UEC DELETE_EVENTS_ON_BROKER configuration option to determine if events are to be deleted on the Agent. 2. Select **Yes** to delete events on an Agent. 3. Select **No** to not delete events on an Agent.
Step 9	For **Post Alerts**, select whether or not you want to send alerts to the system console for this Agent (**Yes** or **No**).
Step 10	For **Set Managed Mode**, select whether or not you want changes to the configuration options for that Agent and its applications only to be applied through I-Management Console (**Yes** or **No**).
Step 11	Assign the Agent to one or more groups by moving those groups from the **Available Groups** window to the **Assigned Groups** window. Either: 1. Double-click on a group in the **Available Groups** window. 2. Click on a group in the **Available Groups** window (or use the **Ctrl** key to click on more than one group) and then click the **Assign** button. 3. Click the **Assign All** button.
Step 12	Remove the Agent from one or more groups by moving those groups from the **Assigned Groups** window to the **Available Groups** window. Either: 1. Double-click on a group in the **Assigned Groups** window. 2. Click on a group in the **Assigned Groups** window (or use the **Ctrl** key to click on more than one group) and then click the **Remove** button. 3. Click the **Remove All** button.

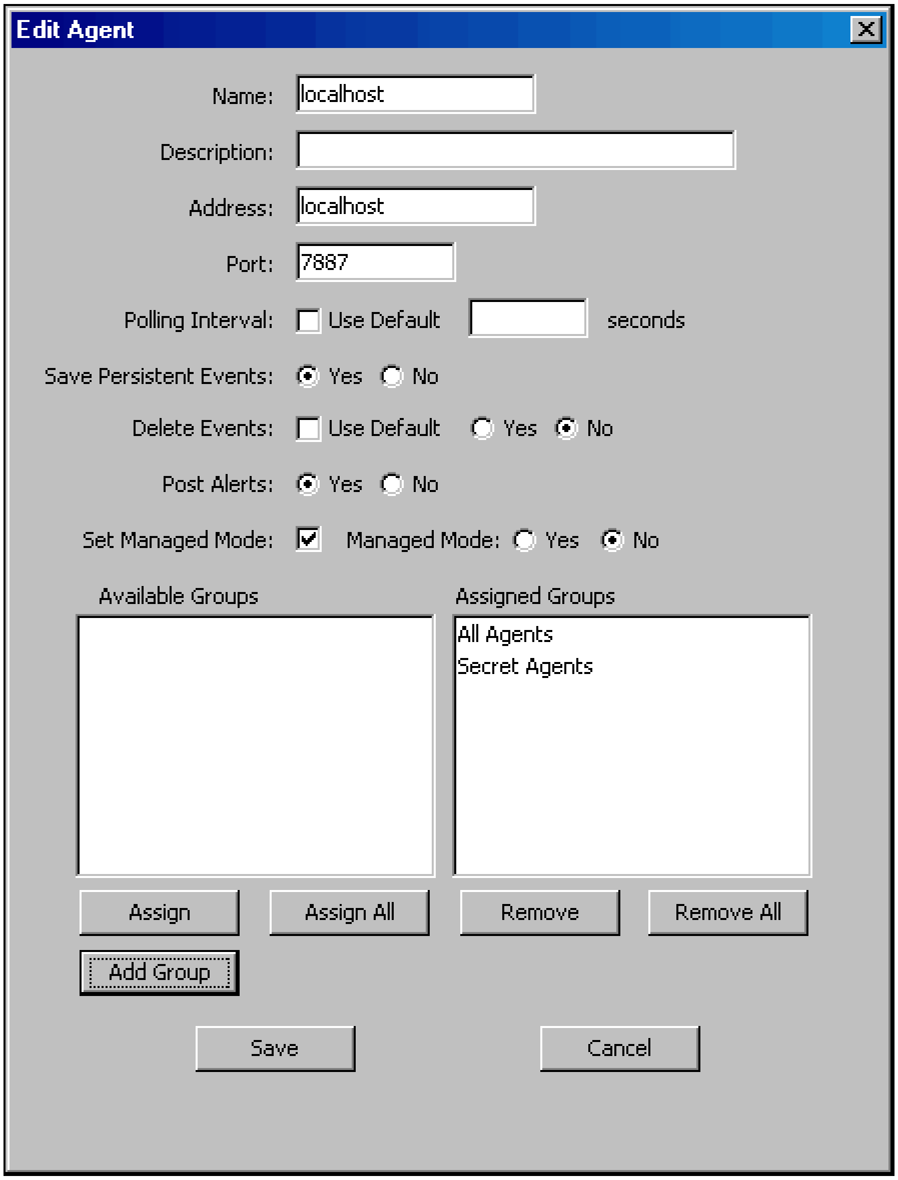
Step 13	If you want to add a new group (to which this new Agent automatically will be added), click the **Add Group** button. The Add Group dialog displays.  Enter a name and (optionally) a description for the group, and then click the **OK** button.
Step 14	Click the **Save** button to add the new Agent and return you to the previous dialog (or click the **Cancel** button to exit the Add Agent dialog without adding the Agent to the UEC database). **Note** If you want to add the new Agent and immediately add another Agent, click the **Save & New** button. The Add Agent dialog remains displayed.

Editing an Agent via I-Administrator

Perform the following steps to edit a UEC Agent.

Step 1 Select a UEC Agent to edit either by:

1. Double-clicking on an Agent name in the Navigation tree or the Summary table.
2. Clicking on an Agent name in the Navigation tree or the Summary table and then clicking the **Edit Agent** icon on the I-Administrator tool bar.
3. Clicking on an Agent name in the Navigation tree and then clicking on the **Edit** button that displays when you right-click anywhere in the Navigation tree.
   The **Edit Agent** dialog displays.



Step 2 Enter and/or edit information for the Agent in the same way as instructed for adding an Agent (see Adding an Agent via I-Administrator).

Step 3 Click the **Save** button to save the changes to the selected Agent (or click the **Cancel** button to exit the dialog without editing the Agent in the UEC database).

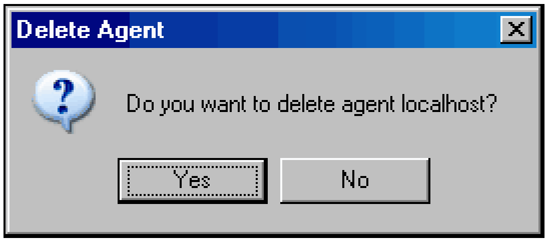
Deleting an Agent via I-Administrator

Perform the following steps to delete a UEC Agent.

<table>
<tr><td>Step 1</td><td>Select a UEC Agent to delete either by:

1. Clicking on an Agent name in the Navigation tree or the Summary table and then clicking the Delete Agent icon on the I-Administrator tool bar.
2. Clicking on an Agent name in the Navigation tree and then clicking the Delete button that displays when you right-click anywhere in the Navigation tree.

The Delete Agent dialog displays.


</td></tr>
<tr><td>Step 2</td><td>Click the Yes button to delete the selected Agent.</td></tr>
</table>

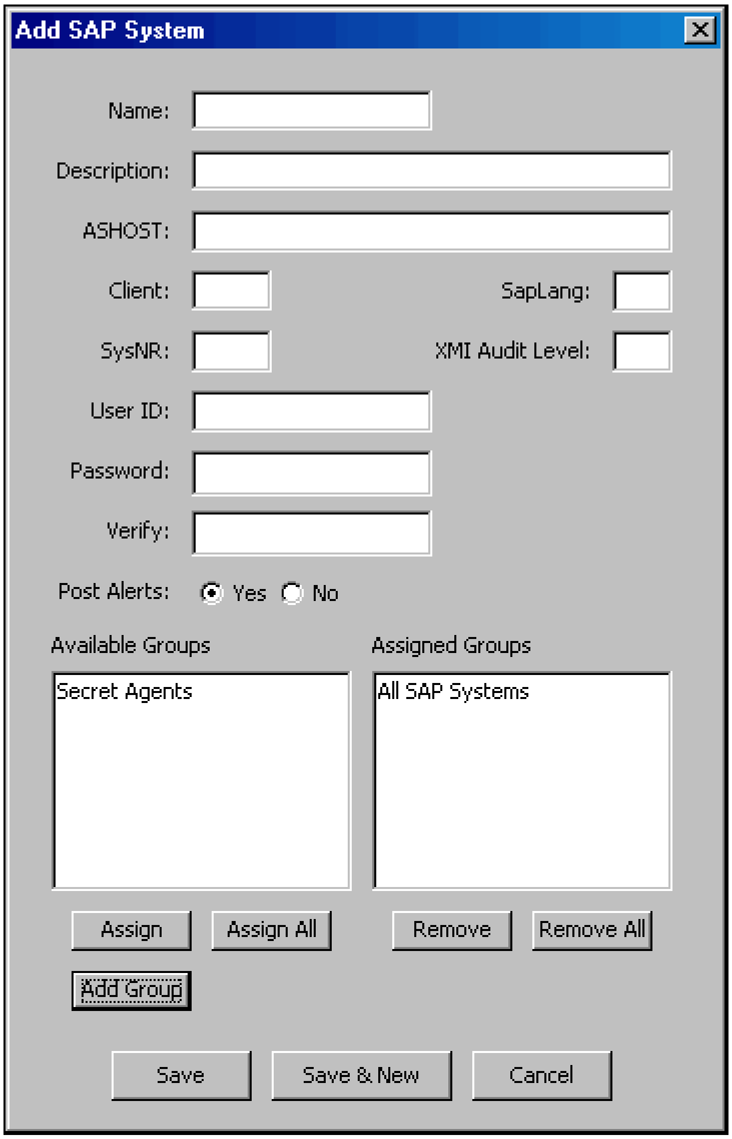
Adding an SAP System via I-Administrator

Perform the following steps to add an SAP system.

Step 1

Display the **Add SAP System** dialog (below) either by:

1. Clicking **Add SAP System** icon on the I-Administrator tool bar.
2. Clicking on **SAP Systems** in the Navigation tree and then clicking on the **Add** button that displays when you right-click anywhere in the Navigation tree.



The Available Groups window identifies all currently defined groups to which the SAP system can be assigned.
The Assigned Groups window identifies all currently defined groups to which the SAP system currently is assigned. (Every SAP system automatically is assigned to the All SAP Systems group.)

Step 2

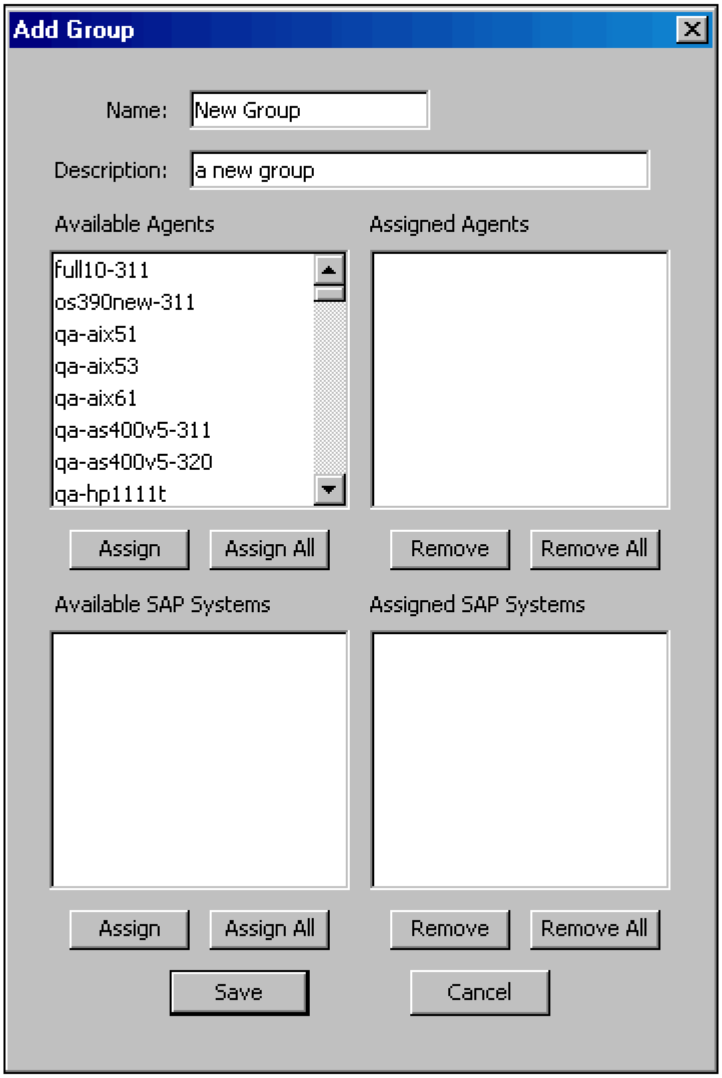
Enter a **Name** for the SAP system.

Note
SAP system names are case-sensitive. Duplicate SAP system names are not allowed.

Step 3	Enter a **Description** of the SAP system.
Step 4	For **ASHOST**, specify the host name of a specific SAP application server.
Step 5	For **Client**, specify the SAP logon client for the connection (for example, 850).
Step 6	For **SapLang**, specify a SAP logon language. (Messages coming from the SAP system will be in this language, whenever possible.)
Step 7	For **SysNR**, specify the SAP system number of the SAP system to which you want to connect.
Step 8	Specify the **XMI Audit Level** to be used for the execution of SAP function modules on the SAP system. Valid values are 0, 1, 2, and 3. The amount of information logged in the XMI log (on the SAP system) increases with higher audit level values.
Step 9	For **User ID**, specify the SAP logon user for this connection.
Step 10	For **Password**, specify the SAP logon password for this connection.
Step 11	For **Verify**, reenter the SAP logon password.
Step 12	For **Post Alerts**, specify whether or not alerts associated with this SAP connection will be posted to the system console (**Yes** or **No**).
Step 13	Assign the SAP system to one or more groups by moving those groups from the **Available Groups** window to the **Assigned Groups** window. Either: 1. Double-click on a group in the **Available Groups** window. 2. Click on a group in the **Available Groups** window (or use the **Ctrl** key to click on more than one group) and then click the **Assign** button. 3. Click the **Assign All** button.
Step 14	Remove the SAP system from one or more groups by moving those groups from the **Assigned Groups** window to the **Available Groups** window. Either: 1. Double-click on a group in the **Assigned Groups** window. 2. Click on a group in the **Assigned Groups** window (or use the **Ctrl** key to click on more than one group) and then click the **Remove** button. 3. Click the **Remove All** button.

Step 15

If you want to add a new group (to which this new SAP system automatically will be added), click the **Add Group** button. The Add Group dialog (below) displays.



Enter a name and (optionally) a description for the group, and then click the **OK** button.

Step 16

Click the **Save** button to add the new SAP system and return you to the previous dialog (or click the **Cancel** button to exit the Add SAP system dialog without adding the SAP system to the UEC database).

> **Note**
> If you want to add the new SAP system and immediately add another SAP system, click the **Save & New** button. The Add SAP System dialog remains displayed.

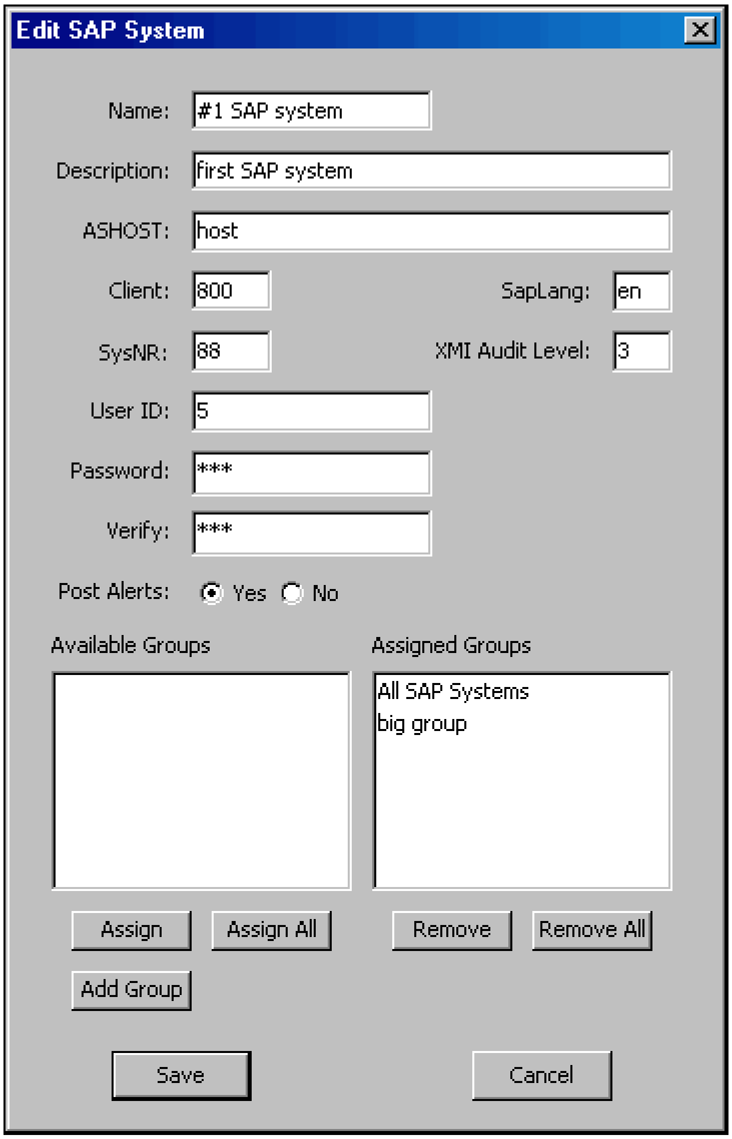
Editing an SAP System via I-Administrator

Perform the following steps to edit an SAP system.

<table>
<tr><td>Step 1</td><td>
Select an SAP system either by:

1. Double-clicking on an SAP system name in the Navigation tree or the Summary table.
2. Clicking on an SAP system name in the Navigation tree or the Summary table and then clicking the **Edit SAP System** icon on the I-Administrator tool bar.
3. Clicking on an SAP system name in the Navigation tree and then clicking on the **Edit** button that displays when you right-click anywhere in the Navigation tree.

The **Edit SAP System** dialog displays.



</td></tr>
<tr><td>Step 2</td><td>Enter and/or edit information for an SAP system in the same way as instructed for adding an SAP system (see Adding an SAP System via I-Administrator).</td></tr>
<tr><td>Step 3</td><td>Click the Save button to save the changes to the selected SAP system (or click the Cancel button to exit the dialog without editing the SAP system in the UEC database).</td></tr>
</table>

Deleting an SAP System via I-Administrator

Perform the following steps to delete an SAP system.

Step 1	Select an SAP system either by: 1. Clicking on an SAP system name in the Navigation tree or the Summary table and then clicking the **Delete SAP System** icon on the I-Administrator tool bar. 2. Clicking on an SAP system name in the Navigation tree and then clicking the **Delete** button that displays when you right-click anywhere in the Navigation tree. The **Delete SAP System** dialog displays. 
Step 2	Click the **Yes** button to delete the selected SAP system.

I-Activity Monitor

Introduction

When an Agent or SAP system is added to Universal Enterprise Controller (UEC), via the I-Administrator application, UEC is able to collect information about that Agent or SAP system.

The I-Activity Monitor connects to UEC. It displays information about the current status, posted alerts, and job and file activity for all Agents, and the current status and posted alerts for all SAP systems, being monitored by UEC throughout an enterprise.

I-Activity Monitor Tasks

I-Activity Monitor lets you perform the following tasks:

- Monitor the status and detailed job and file activity of Agents throughout an enterprise.
- Monitor SAP server status for SAP systems throughout an enterprise.
- View alerts posted for Agents and SAP systems.
- Stop any Universal Agent or Universal Data Mover component from running (if it is a component of an Agent being polled by UEC).

Note
You must have agent-monitoring permission with UEC in order to log in using I-Activity Monitor and, optionally, to stop running components through I-Activity Monitor.

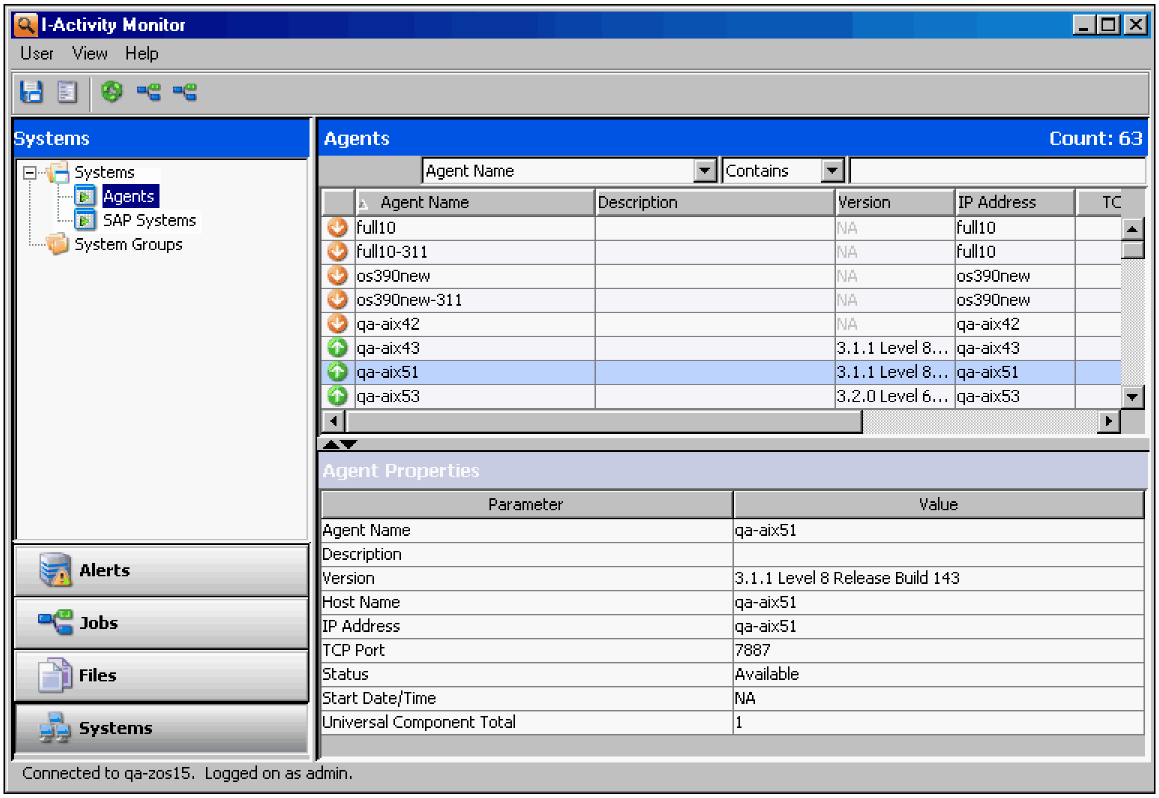
Detailed Information

The following pages provide detailed information for I-Activity Monitor:

- Using I-Activity Monitor
- I-Activity Monitor Menu Bar
- I-Activity Monitor Tool Bar
- I-Activity Monitor Filter Group Panel
- I-Activity Monitor Data Table
- I-Activity Monitor Data Details Table
- I-Activity Monitor User-Specific Tasks
- Stopping a Component via I-Activity Monitor

Using I-Activity Monitor

When you log in to I-Activity Monitor, (see Accessing UEC Client Applications) the I-Activity Monitor screen displays.



I-Activity Monitor Screen Information

The I-Activity Monitor screen contains the following regions:

- Menu Bar
  The menu bar lets you perform tasks common to all I-Activity Monitor activities (see I-Activity Monitor Menu Bar]).
- Tool Bar
  The tool bar lets you perform tasks common to all I-Activity Monitor activities and tasks specific to individual activities (see I-Activity Monitor Tool Bar).
- Filter Group Panel
  The Filter Group panel contains buttons that let you select a category of UEC activity (see I-Activity Monitor Filter Group Panel).
- Filter Tree
  The Filter tree displays the types of activities for the activity category selected in the Filter Group panel (see I-Activity Monitor Filter Tree).
- Data Table
  The Data table displays a list of all activities for the activity type selected in the Filter tree (see I-Activity Monitor Data Table).
- Data Details Table
  The Data Details table displays detailed information about an item select in the Data table. There are two types of Data Details table:
  - Properties table displays a list of all fields, and their values, for an item selected in the Data table (see Properties Table).
  - Jobs table displays a list of all current jobs for an Agent selected in the Data table (see Jobs Table).

Note
In the I-Activity Monitor screen that displays when you log in:

- **Agents** is pre-selected in the Filter tree.
- **Systems** is pre-selected in the Filter Group panel.
- Data Details table does not display.

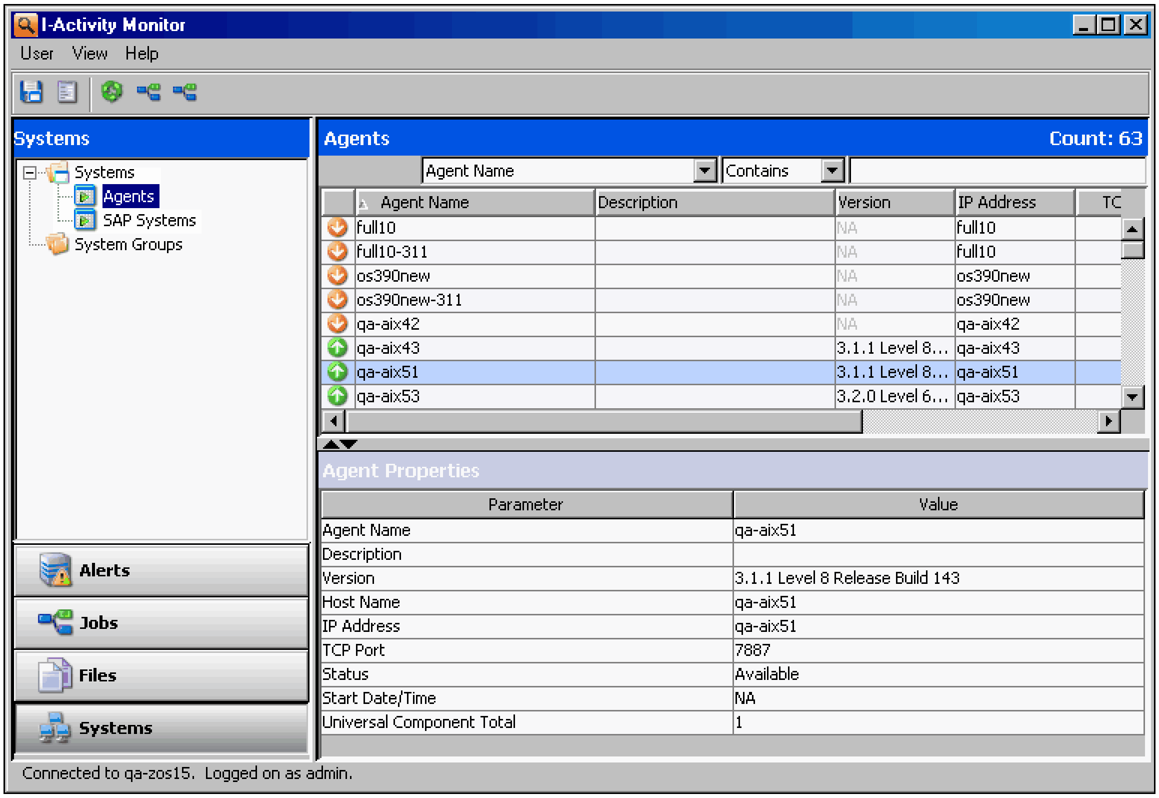
I-Activity Monitor Menu Bar

The following table identifies the items on each menu of the menu bar at the top of the I-Activity Monitor screen (see Using I-Activity Monitor) and provides a link to the task associated with each item.

Menu / Item	Description
User / Change Password	Change UEC Client Applications log in password. (See Changing a Password.)
User / Save Layout	Save layout of currently displayed Data table. (See I-Activity Monitor - Customizing Layout of the Data Table.)
User / Reset Default Layout	Reset layout of currently displayed Data table to its default layout. (See I-Activity Monitor - Customizing Layout of the Data Table.)
User / Set Initial Filter Group	Set the currently selected Filter group as the default display upon log in. (See I-Activity Monitor User-Specific Tasks .)
User / Logoff	Log off I-Activity Monitor. (See Logging Off I-Activity Monitor.)
View / Object Properties	Display the Properties table for an item selected in the Data table. (See Displaying a Properties Table.)
Help / About	View information about I-Activity Monitor. (See Viewing Information About I-Activity Monitor.)

I-Activity Monitor Tool Bar

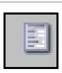
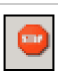
The tool bar at the top of the I-Activity Monitor screen (below) provides icons that let you select tasks for the four filter groups listed in the Filter Group Panel.

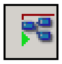
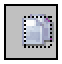
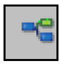
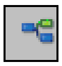


Some icons display for all filter groups and some icons display only for one or more specific filter groups.

The following table identifies the icons that display for the different filter groups and provides a link to the task associated with each item.

Most of the icons are enabled only as appropriate for the region being accessed.

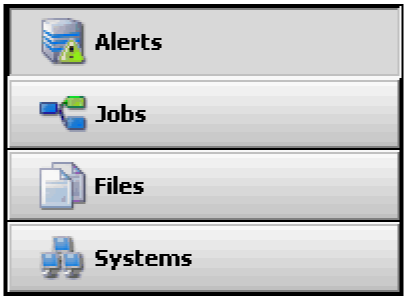
Icon	Description
Alerts, Jobs, Files, and Systems	The following icons display for all four filter groups.
	**Save Layout**: Save layout of currently displayed Data table. (See Saving a Data Table Layout.)
	**Properties**: Display the Properties table for a selected entry in the Data table. (See Displaying a Properties Table .)
Jobs	The following icons display only for the Jobs filter group.
	**Refresh Job Data**: Update displayed information for the job currently selected in the Data table. (See Updating Data Table Information.)
	**Stop Component**: Stop an active or restarted component. (See Stopping a Component.)
Jobs / Universal Agent Jobss	The following icon displays only for Universal Agent Jobs.

	**Show Restart History**: Display the history of restarts for the select job.
Jobs / Universal Data Mover Jobs	The following icons display only for Universal Data Mover jobs.
	**Show File Transfers**: Display the file transfers.
	**Show Commands**: Display the commands.
Systems / Agents	The following icons display only for Agents.
	**Update Agent Info**: Update displayed information for the Agent currently selected in the Data table. (See Updating Data Table Information.)
	**Show Universal Agent Jobs**: Display Universal Agent jobs for the Agent currently selected in the Data table. (See Jobs Table.)
	**Show Universal Data Mover Jobs**: Display Universal Data Mover jobs for the Agent currently selected in the Data table. (See Jobs Table.)
Systems / SAP Systems	The following icons display only for SAP Systems.
	**Update SAP System Info**: Update the information for the currently selected SAP system in the Data table. (See Updating Data Table Information.)

I-Activity Monitor Filter Group Panel

Filter Group Panel

The Filter Group panel is a group of four buttons. Each button represents a category of Universal Agent and Universal Data Mover information that is available for viewing.



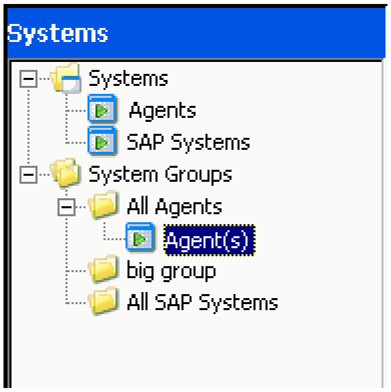
Click on a button in the Filter Group panel to populate it with filters for that category:

See I-Activity Monitor Filter Tree for a description of the information that displays for each category:

- I-Activity Monitor - Alerts Category
- I-Activity Monitor - Jobs Category
- I-Activity Monitor - Files Category
- I-Activity Monitor - Systems Category

I-Activity Monitor Filter Tree

The Filter tree displays a list of filters (that is, types of filtered information) for the category of Universal Agent or Universal Data Mover information currently selected in the Filter Group Panel.



In this example, the Filter tree displays filters for the Systems category, indicating that the **Systems** button was clicked in the Filter Group Panel.

When you click a filter in the Filter tree, the entry is highlighted — Agent(s), in this example — and information for that filter displays in the Data Table.

Filter Tree Icons

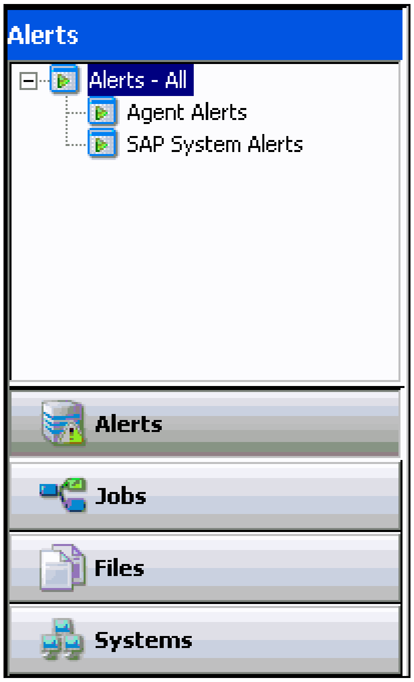
The following table identifies the icons that are used in the Filter Group Panel.

Icon	Description
	Icon that represents a filter group. It is not a selectable filter option.
	Icon that represents a sub-group of a filter group. It is not a selectable filter group.
	Icon that represents a selectable filter. Selecting an item in the filter tree with this icon populates the Data table with data that matches the filter criteria.

I-Activity Monitor - Alerts Category

Clicking the **Alerts** button in the Filter Group Panel populates the Filter Tree with the filters shown in the following figure.

Clicking on an option in the Filter Tree populates the Data Table with the information described for that filter.

	**Alerts - All** All alerts monitored by UEC. • **Agent Alerts** All alerts associated with Agents being monitored by UEC. • **SAP System Alerts** All alerts associated with SAP Systems being monitored by UEC.

Alert Types

UEC creates three types of alerts:

- Agent Down
  UEC was unable to establish a connection with the broker on the last poll attempt.
- Component Disconnected
  Server is not connected to the Manager. This occurs when a network error has occurred, the manager halted, or the manager host halted. The server is executing with either the network fault tolerant protocol, is restartable, or both.

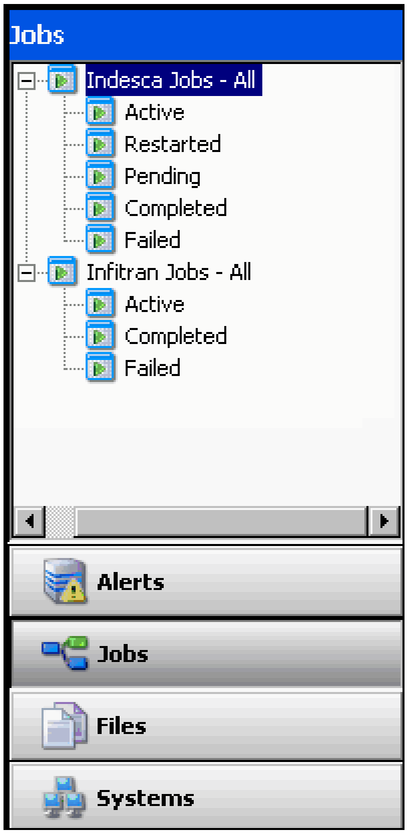
> **Note**
> The Server cannot determine whether or not the Manager is still executing because it cannot communicate with it.

- Component Orphaned
  Manager has terminated. The manager sends a termination message to the server to notify it of its termination prior to terminating. This state only occurs if the server is restartable.

I-Activity Monitor - Jobs Category

Clicking the **Jobs** button in the Filter Group Panel populates the Filter Tree with the filters shown in the following figure.

Clicking on an option in the Filter Tree populates the Data Table with the information described for that filter.

<table>
<tr>
<td>
</td>
<td>

Jobs

Universal Agent Jobs - All
Universal Agent jobs monitored by UEC.

Active
All Universal Agent jobs monitored by UEC that are currently in an active state.
Restarted
All Universal Agent jobs monitored by UEC that have been restarted and completed.
Completed
All Universal Agent jobs being monitored by UEC that have completed successfully.
Failed
All Universal Agent jobs being monitored by UEC that have completed with an error status.

Universal Data Mover Jobs - All
Universal Data Mover jobs monitored by UEC.

Active
All Universal Data Mover jobs monitored by UEC that are currently in an active state.
Completed
All Universal Data Mover jobs being monitored by UEC that have completed successfully.
Failed
All Universal Data Mover jobs being monitored by UEC that

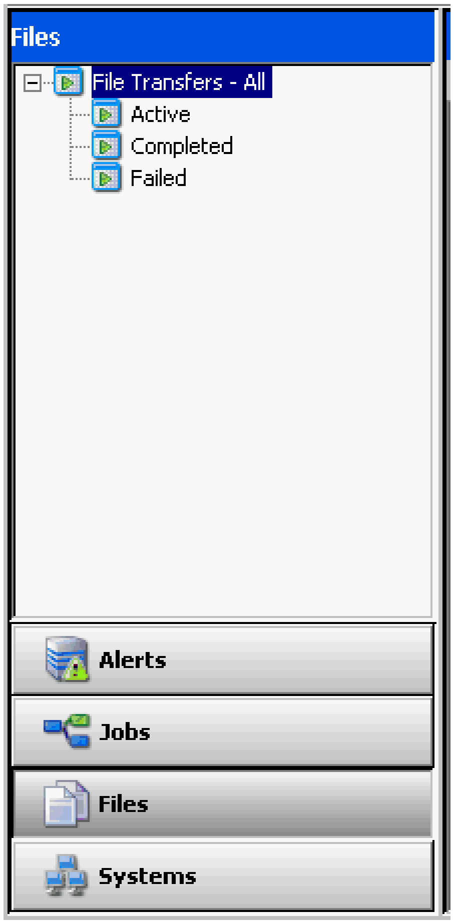
</td>
</tr>
</table>

	have completed with an error status.

I-Activity Monitor - Files Category

Clicking the **Files** button in the Filter Group Panel populates the Filter Tree with the filters shown in the following figure.

Clicking on an option in the Filter Tree populates the Data Table with the information described for that filter.

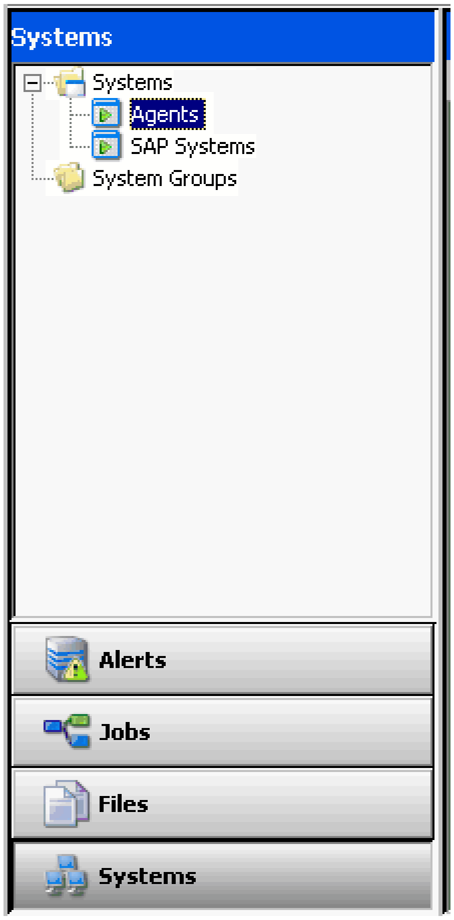
<table>
<tr>
<td>
</td>
<td>Files - All

All files monitored by UEC.
Active
All files monitored by UEC that are currently in an active state (for example: file being transferred, script being executed).
Completed
All files being monitored by UEC that have completed successfully (script, file transfer).
Failed
All files being monitored by UEC that have completed with an error status (script, file transfer).</td>
</tr>
</table>

I-Activity Monitor - Systems Category

Clicking the **Systems** button in the Filter Group Panel populates the Filter Tree with the filters shown in the following figure.

Clicking on an option in the Filter Tree populates the Data Table with the information described for that filter.

<table>
<tr>
<td>
</td>
<td>Systems

Agents
All Agents assigned to UEC.
SAP Systems
All SAP Systems assigned to UEC.

System Groups

All groups defined to UEC via I-Administrator.

Two groups are pre-defined to UEC and, therefore, always available:

All Agents
All SAP Systems

Any number of user-defined groups can be displayed here.

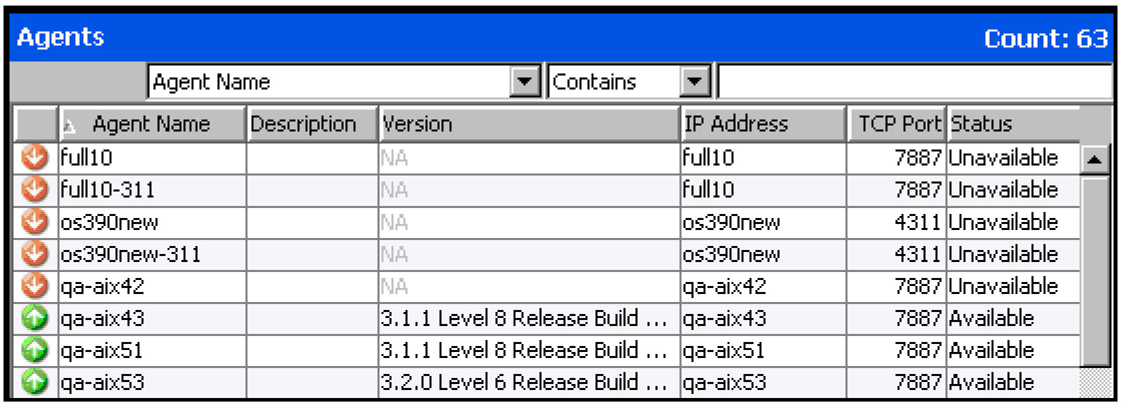
Selecting a group under System Groups will further populate the filter tree with the systems (Agent and/or SAP) that have been defined to that group.</td>
</tr>
</table>

I-Activity Monitor Data Table

Introduction

The Data table displays data returned from UEC that meets the criteria of the currently selected filter in the I-Activity Monitor Filter Tree. The data is presented in near real-time. As UEC receives new information that meets the filter criteria, it is passed on to I-Activity Monitor and displayed in the Data table.

For example, in the following figure, the Data table contains an entry for all Agents currently assigned to UEC, since **Agents** had been selected in the Filter Tree.



	Agent Name	Description	Version	IP Address	TCP Port	Status
	full10		NA	full10	7887	Unavailable
	full10-311		NA	full10	7887	Unavailable
	os390new		NA	os390new	4311	Unavailable
	os390new-311		NA	os390new	4311	Unavailable
	qa-aix42		NA	qa-aix42	7887	Unavailable
	qa-aix43		3.1.1 Level 8 Release Build ...	qa-aix43	7887	Available
	qa-aix51		3.1.1 Level 8 Release Build ...	qa-aix51	7887	Available
	qa-aix53		3.2.0 Level 6 Release Build ...	qa-aix53	7887	Available

The Data table header identifies the currently selected filter and the number of matches in the table for that filter. (In the figure above, **Agents** was the selected filter, and the table lists three matches.)

NA Values

In the Data table, a value of **NA** (Not Available) displays in any field that has not been populated with event data. That is, UEC has not received the information (a UES event) required to supply a value for that field.

The reason for this could be:

- Lack of visibility to a Broker (for example, Broker may be down).
- Component's ACTIVITY_MONITORING option may be set to **no**.

Detailed Information

The following pages provide detailed information for the I-Activity Monitor Data Table:

- I-Activity Monitor - Data Table Icons
- I-Activity Monitor - Data Table Filter Tool
- I-Activity Monitor - Sorting Data in the Data Table
- I-Activity Monitor - Customizing Layout of the Data Table
- I-Activity Monitor - Updating Data Table Information
- I-Activity Monitor - Displaying a Properties Table
- I-Activity Monitor - Displaying a Jobs Table

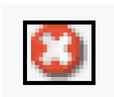
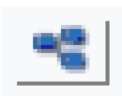
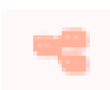
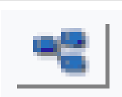
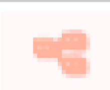
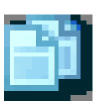
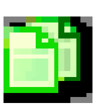
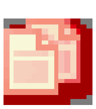
I-Activity Monitor - Data Table Icons

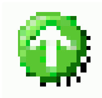
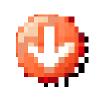
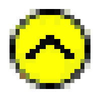
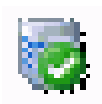
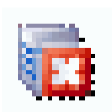
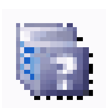
Data Table Icons

Each item in the Data table is preceded by an icon that indicates the status of that item. The following table identifies and describes these icons.

Tool Tips

Hover your cursor over any Data table icon to display a tool tip that describes the status represented by that icon.

Icon	Description
Alerts	Type of Alerts category icons.
	**Alert**: An alert has occurred on the system specified in the item.
Jobs / Universal Jobs	Types of Jobs / Universal Jobs category icons.
	**Active**: Job has not yet completed; all visible components (manager and servers) of the job are running.
	**Completed**: At least one component of the job has completed without error.
	**Failed**: Job has been cancelled or it has completed with an error status (return code is not 0).
	**Active Restart**: Restarted job has not yet completed; all visible components (manager and servers) of the job are running.
	**Completed Restart**: Restarted job has completed without error.
	**Failed Restart**: Restarted job has been cancelled or it has completed with an error status (return code is not 0).
Files	Types of Files category icons.
	**Active**: Universal Data Mover file transfers that are active.
	**Completed**: Universal Data Mover file transfers that have completed.
	**Failed**: Universal Data Mover file transfers that have failed.

Systems / Agents	Types of System / Agents category icons.
	**Agent Running**: Agent is up and responding.
	**Agent Unreachable**: Agent cannot be reached by UEC.
	**Agent Not Initialized**: Agent has not yet been polled by UEC.
Systems / SAP Systems	Types of Systems / SAP Systems category icons.
	**System Running**: SAP system is up and responding.
	**SAP System Unreachable**: SAP system cannot be reached by UEC.
	**SAP System Not Initialized**: SAP system has not yet been polled by UEC.

I-Activity Monitor - Data Table Filter Tool

Filter Tool

The Data table filter tool (shown below), located just below the table header, provides an additional level of filtering that is performed locally.

The filter tool allows you to select specific data for any column of data listed in the table. Any filter that does not contain the specified data is removed from view.

Using the Filter Tool

To use the filter tool, perform the following steps:

Step 1	From the first (left-most) drop-down list field, select a column header - for example, **Mgr Agent Name** - from the list of currently displayed columns (see Customizing Layout of the Data Table for information on displaying columns).
Step 2	From the second drop-down list field, select a filter matching types.
Step 3	In the field on the right, enter any data to be displayed in the selected column. Any item in the Data table that does not contain this filter data in that column is removed from view — immediately and automatically. **Note** Data entered in this field is case-sensitive.
Step 4	To re-display the original list of matches, delete the data in the field on the right.

Filter Matching Types

The following table identifies the available filter matching types.

Filter Type	Description
==	Displays entries whose data in the selected column is equal to the filter data.
!=	Displays entries whose data in the selected column is not equal to the filter data.
>	Displays entries whose data in the selected column is greater than the filter data.
>=	Displays entries whose data in the selected column is greater than or equal to the filter data.
<	Displays entries whose data in the selected column is less than the filter data.
<=	Displays entries whose data in the selected column is less than or equal to the filter data.

Date Offset	**Note** This filter matching type is available only when the column being filtered contains date information. Displays entries whose data in the selected column meets the user-supplied date offset. Date offsets can be back or forward in time in time some number of days, hours, minutes, or seconds. The syntax for the date offset specification is: {-|+}n{d|h|m|s} "-" indicates an offset in the past. Matches will be made for filtered column values that have a date value greater than "now-offset". The value of "now" is recalculated for each filter operation. Therefore, the filtered contents of the table will always match the user specified offset. In other words, as time changes, items in the table that once matched may no longer match and be removed from the table. • "n" is a user specified number. • "d" (or "D") is used to indicate that the "n" should be calculated as days. • "h" (or "H") is used to indicate that the "n" should be calculated as hours. • "m" (or "M") is used to indicate that the "n" should be calculated as minutes. • "s" (or "S") is used to indicate that the "n" should be calculated as seconds. For example, a user supplied value of "-5h" will match table items who's filter column date value is 5 hours or less in the past. If the user enters invalid syntax, the background color of the filter text box will turn red and an unfiltered table will be displayed. When the syntax is corrected, the background will return to it's normal color (white).
Contains	Displays entries whose data in the selected column contains the filter data. For example, if the filter data is **system**, entries containing both **test system** and **demo system** in the selected column would display. Similarly, if the filter data is **0**, entries containing both **0** and **100** in the selected column would display.
Wild Cards	Displays entries whose data in the selected column is equal to the filter data, taking into account the special characteristics of wild card characters. Valid wild card characters are ***** and **?** . • ***** (asterisk) will match any character any number of times. So, a filter value of ***** will match everything. A filter of **T*e** will match **Te**, **Three**, and **This is one of three**. • **?** (question mark) will match any character one time. So, a filter of **JOB ? TEST** will match **JOB A TEST**, **JOB B TEST**, and **JOB C TEST**. If a literal interpretation of the wild card characters is required, the characters must be escaped. Wild card characters are escaped by prefixing them with the backslash character (****). So, a filter value of **This is ok\\?** would match **This is ok?** but would NOT match **This is ok.** .
REGEX	This matching type is for power users. It allows the user to specify a regular expression for the filter value. Regular expressions allow you to create very complex matching criteria. For documentation on the specifics of the regular expression engine used in I-Activity Monitor, refer to the Java documentation at http://java.sun.com/j2se/1.5.0/docs/api/java/util/regex/Pattern.html . If the user enters invalid syntax for the regular expression, the background color of the filter text box will turn red and table will continue to use the last valid filter. When the syntax is corrected, the background will return to it's normal color (white).
BLANK	Displays entries whose selected column is blank. Selecting this filter type will disable and grey out the filter text box (since no user input is required).
NA	Displays entries whose selected column greyed-out **NA** used to designate fields that have not yet been seeded with a value (value is "Not Available"). Note that the grayed-out **NA** indicates a lack of value and is different from a blank field and different from a field that actually has a real value of **NA**.

I-Activity Monitor - Sorting Data in the Data Table

Click on a column header in the Data table to sort the data in that column in ascending, descending, or arrival order. Additional clicks let you cycle through the sorting options.

An arrow icon on the column header indicates the sort option currently in effect (no arrow indicates that no sorting is being performed).

Hold down the **Ctrl** key to apply sorts to multiple columns.

The first column clicked is the primary sorting column. Additional sorts are performed within the context of the previously sorted column.

Note
The sort indicator icon displayed in the column header gets increasingly smaller with each additional sort. Therefore, the primary sorting column always will have the largest sort indicator icon.

I-Activity Monitor - Customizing Layout of the Data Table

Customizing Layout of the Data Table

You can customize the layout of the Data table for each type of filter.

Note
The customization applies only to the logged in user.

Reposition a column	Click on the column header and drag the column left or right, as desired.
Hide a column	Place the cursor in between column headers and drag the cursor to the left.
Expand a column	Place the cursor in between column headers and drag the cursor to the right.
Remove a column	Right-click on the column header of the column to be removed. On the dialog menu that displays, select **Remove** <column name>.
Add a column	Right-click on any column header. On the dialog menu that displays, select **Add** <column name>.

Saving a Data Table Layout

To save the layout of the currently displayed Data table, either:

- Click **Save Layout** on the I-Activity Monitor **User** menu.
- Click the **Save Layout** icon on the I-Activity Monitor tool bar.

The customized layout of the Data table will display when the current user logs in to any I-Activity Monitor client application that connects to a common UEC.

Resetting the Default Data Table Layout

To reset the currently displayed Data table to its default layout, click **Reset Default Layout** on the I-Activity Monitor **User** menu. The Data table immediately redisplays in its default layout.

I-Activity Monitor - Updating Data Table Information

Updating Data Table Information

To update the displayed information for items in the Data table, either:

Jobs

- Click on the entry and then click the **Refresh job data** icon on the I-Activity Monitor tool bar.
- Right-click on the entry and then click **Refresh job data** on the displayed pop-up.

Systems

- Click on the entry and then click the **Update <activity> Info** icon on the I-Activity Monitor tool bar.
- Right-click on the entry and then click **Update <activity> Info** on the displayed pop-up.

(Since UEC relies on polling its agent list periodically to get the state of the Agents, the information displayed in I-Activity Monitor may not be timely enough for some situations.)

I-Activity Monitor - Displaying a Properties Table

Displaying a Properties Table

To display the Properties table for an item in the Data table, either:

- Right-click on the item and then, from the displayed dialog, click <Filter Name> **Properties**.
- Click on the item and then either:
    - Click the **Properties** icon on the I-Activity Monitor tool bar.
    - Select **Object Properties** from the View menu on the I-Activity Monitor menu bar.

The Properties table then displays for that item (see Properties Table).

I-Activity Monitor - Displaying a Jobs Table

Displaying a Jobs Table

To display the Jobs table for an Agent listed in the Data table, either:

- Click on the agent and then click the **Show <job type> Jobs** icon on the I-Activity Monitor tool bar.
- Right-click on the agent and then click **Show <job type> Jobs** on the displayed pop-up.

The Jobs table then displays (see Jobs Table).

I-Activity Monitor Data Details Table

Overview

The Data Details table displays below the Data table. It contains detailed information for an item selected in the Data Table.

There are two types of Data Details tables:

- Properties Table
- Jobs Table

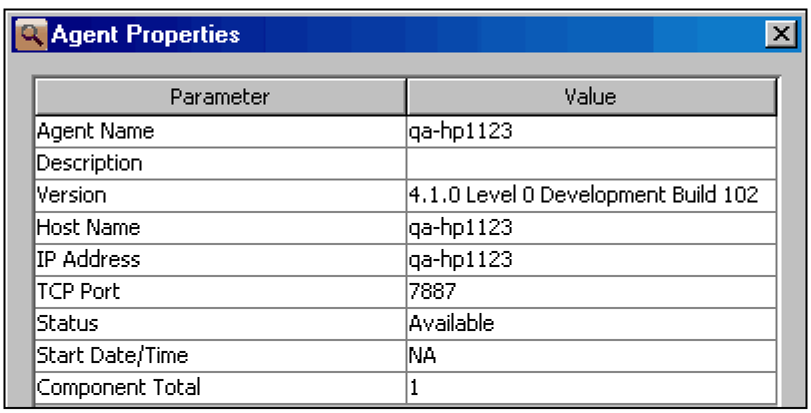
NA Values

As in the Data table, a value of **NA** (Not Available) displays in any field of the Properties table and Jobs table that has not been populated with event data. (See NA Values in I-Activity Monitor Data Table.)

Properties Table

The Properties table identifies the parameters, and their values, of an item selected in the Data Table (see Displaying a Properties Table).

In the following figure, the Properties table identifies parameters and values for Agent **qa-hp1123**.



Parameter	Value
Agent Name	qa-hp1123
Description	
Version	4.1.0 Level 0 Development Build 102
Host Name	qa-hp1123
IP Address	qa-hp1123
TCP Port	7887
Status	Available
Start Date/Time	NA
Component Total	1

The Properties table lists all parameters / values for a selected filter, including any parameters / values that are not displayed in the Data table.

Jobs Table

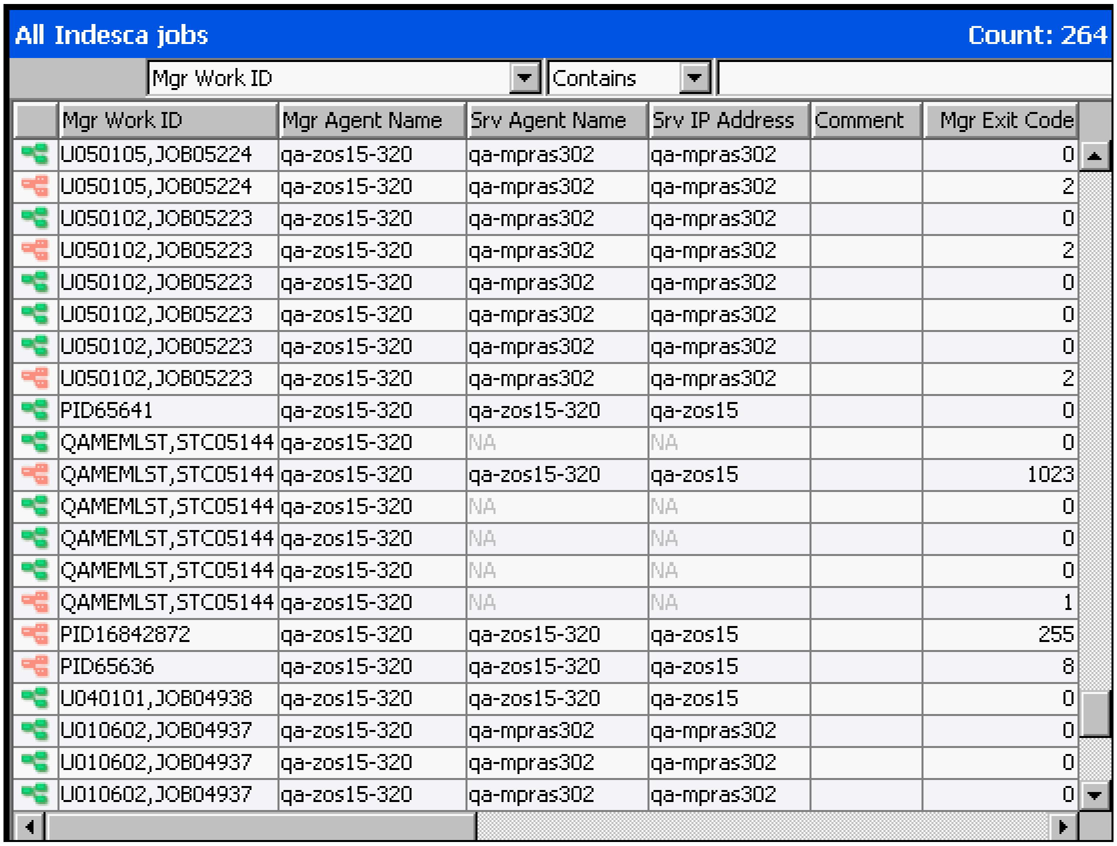
The Jobs table displays information on jobs for an Agent selected in the Data Table (see Displaying a Jobs Table).

You can select to display either:

- Universal Agent jobs
- Universal Data Mover jobs

> **Note**
> The Jobs table displays the same type of job information for a single Agent that displays in the Data table for all jobs.

In the following figure, the Jobs table displays Universal Agent jobs.



All Indesca jobs Count: 264

Mgr Work ID | Contains

Mgr Work ID	Mgr Agent Name	Srv Agent Name	Srv IP Address	Comment	Mgr Exit Code
U050105,JOB05224	qa-zos15-320	qa-mpras302	qa-mpras302		0
U050105,JOB05224	qa-zos15-320	qa-mpras302	qa-mpras302		2
U050102,JOB05223	qa-zos15-320	qa-mpras302	qa-mpras302		0
U050102,JOB05223	qa-zos15-320	qa-mpras302	qa-mpras302		2
U050102,JOB05223	qa-zos15-320	qa-mpras302	qa-mpras302		0
U050102,JOB05223	qa-zos15-320	qa-mpras302	qa-mpras302		0
U050102,JOB05223	qa-zos15-320	qa-mpras302	qa-mpras302		0
U050102,JOB05223	qa-zos15-320	qa-mpras302	qa-mpras302		2
PID65641	qa-zos15-320	qa-zos15-320	qa-zos15		0
QAMEMLST,STC05144	qa-zos15-320	NA	NA		0
QAMEMLST,STC05144	qa-zos15-320	qa-zos15-320	qa-zos15		1023
QAMEMLST,STC05144	qa-zos15-320	NA	NA		0
QAMEMLST,STC05144	qa-zos15-320	NA	NA		0
QAMEMLST,STC05144	qa-zos15-320	NA	NA		0
QAMEMLST,STC05144	qa-zos15-320	NA	NA		1
PID16842872	qa-zos15-320	qa-zos15-320	qa-zos15		255
PID65636	qa-zos15-320	qa-zos15-320	qa-zos15		8
U040101,JOB04938	qa-zos15-320	qa-zos15-320	qa-zos15		0
U010602,JOB04937	qa-zos15-320	qa-mpras302	qa-mpras302		0
U010602,JOB04937	qa-zos15-320	qa-mpras302	qa-mpras302		0
U010602,JOB04937	qa-zos15-320	qa-mpras302	qa-mpras302		0

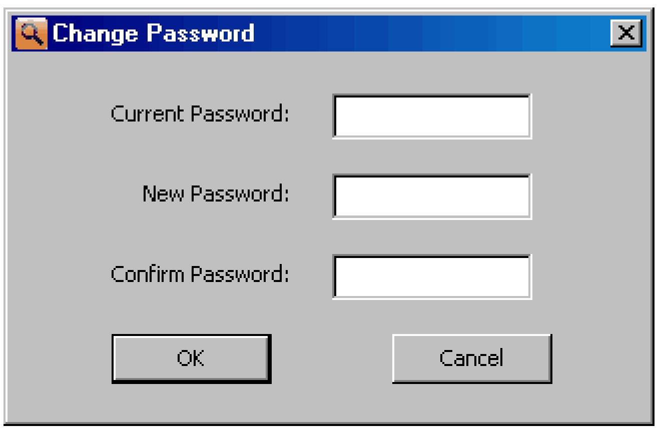
I-Activity Monitor User-Specific Tasks

I-Activity Monitor User-Specific Tasks

The User menu on the I-Activity Monitor Menu Bar provides the following tasks that are specific to the logged in user.

Changing a Password

To change the password that you use to log in to any of the UEC Client Applications, perform the following steps.

Step 1	Select **Change Password** on the I-Activity Monitor **User** menu. The Change Password dialog displays. 
Step 2	Enter your **Current Password**.
Step 3	Enter a **New Password**.
Step 4	Reenter your new password in **Confirm Password**.
Step 5	Click the **OK** button.

You must use this new password the next time that you log in to any of the UEC Client applications.

Saving a Data Table Layout

For information on setting the currently displayed Data table layout as the default Data table layout for the logged in user, see Customizing Layout of the Data Table.

Resetting the Default Data Table Layout

For information on resetting the currently displayed Data table layout to the default Data table layout for the logged in user, see Customizing Layout of the Data Table.

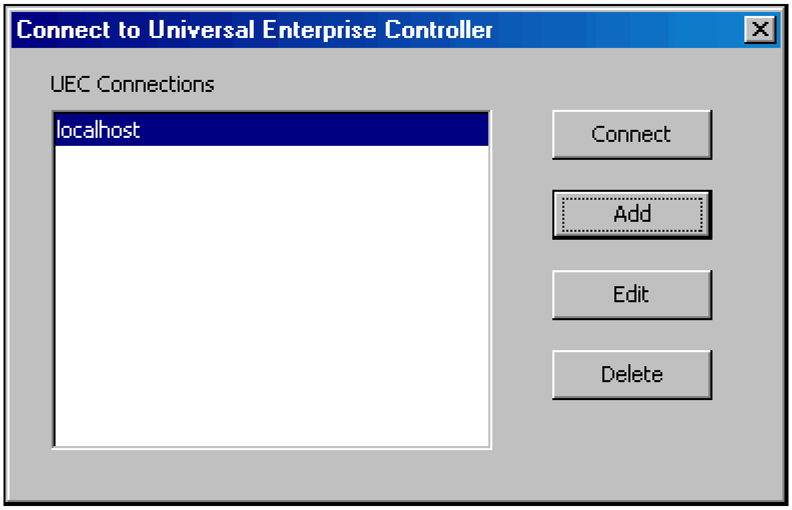
Setting a Filter Group as Default Display

To set the currently selected filter group (Alerts, Jobs, Files, or Systems) as the initial filter group displayed when you log in to I-Activity Monitor, click **Set Initial Filter Group** on the I-Activity Monitor **User** menu.

When you next log in to I-Activity Monitor, the button for the currently displayed filter group will be pre-selected in the Filter Group Panel and the Filter Group Panel will be populated with the filters in that filter group.

Logging Off I-Activity Monitor

To log off I-Activity Monitor, perform the following steps.

Step 1	Click **Logoff** on the **User** menu. The Connect to Universal Enterprise Controller dialog displays. 
Step 2	Click the **x** icon in the top, right corner to disconnect from the Universal Enterprise Controller Server on which I-Activity Monitor resides. The Close Monitor dialog then displays. 
Step 3	Click the **Yes** button to log off I-Activity Monitor.

I-Activity Monitor Screen Size

When you log off I-Activity Monitor, the currently displayed size of the I-Activity Monitor screen is saved in the **ueclo.txt** file. The next time that I-Activity Monitor is logged into on this UEC server, the I-Activity Monitor screen is displayed in this same size.

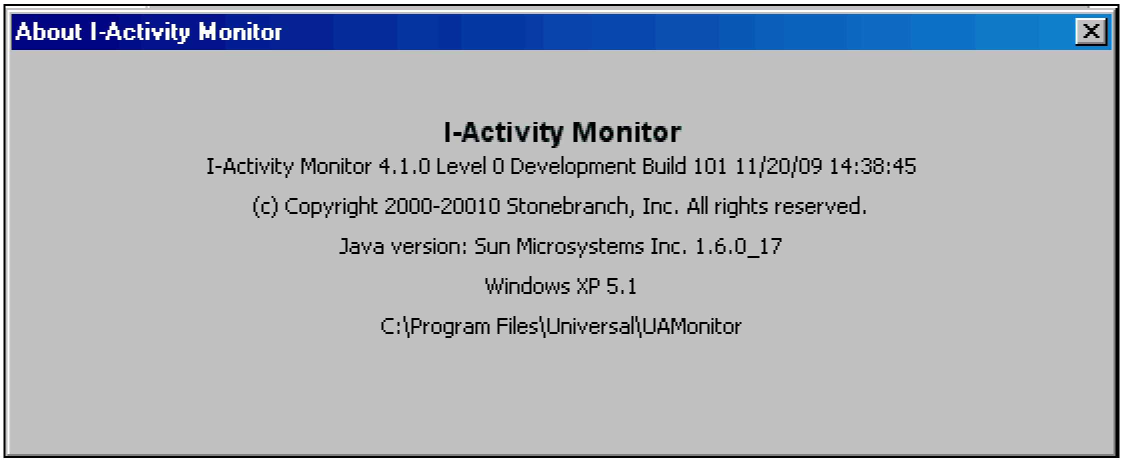
This file is located in the **`%appdata%\Universal`** directory.

Windows 2000, Windows XP, Windows Server 2003	**`%appdata%`** resolves to **`C:\Documents and Settings\userid\Application Data`**.
Windows Vista, Windows 7, Windows Server 2008 / 2008 R2	**`%appdata%`** resolves to **`C:\Users\userid\AppData\Roaming`**.

For all Windows systems, **userid** is the ID of the user currently logged into Windows.

Viewing Information About I-Activity Monitor

To view information about the version of I-Activity Monitor to which you have logged in, click **About** on the **Help** menu. The About I-Activity Monitor dialog then displays.


About I-Activity Monitor
I-Activity Monitor
I-Activity Monitor 4.1.0 Level 0 Development Build 101 11/20/09 14:38:45
(c) Copyright 2000-20010 Stonebranch, Inc. All rights reserved.
Java version: Sun Microsystems Inc. 1.6.0_17
Windows XP 5.1
C:\Program Files\Universal\UAMonitor

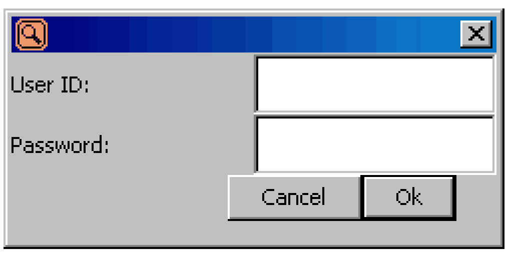
Stopping a Component via I-Activity Monitor

Stopping a Component via I-Activity Monitor

To stop an active or restarted component, perform the following steps:

<table>
<tr><td>Step 1</td><td>In the Filter Group panel, click the Jobs button.</td></tr>
<tr><td>Step 2</td><td>In the Jobs table, select the component to be stopped.</td></tr>
<tr><td>Step 3</td><td>On the I-Activity Monitor tool bar, click the Stop Component icon.
If you have permission to stop components running under the selected Agent, UEC will attempt to stop the component using a remote user name in the following format:
UEC_USER:LOGGED_IN_USER

UEC_USER is the user ID under which UEC itself is executing.
LOGGED_IN_USER is the user ID of the I-Activity Monitor user.

Unless the user ID was changed at installation:
UEC for z/OS will execute as user STCUSER.
UEC for Windows will execute as NT AUTHORITY\SYSTEM.
If the Universal Access Control List (UACL) on the remote machine for Universal Control allows this remote user to stop components, the component should be stopped.
</td></tr>
<tr><td>Step 4</td><td>If the UACL does not allow components to be stopped with this remote user ID, I-Activity Monitor displays the Stop Component dialog.


Enter the User Name and Password used to execute the job, and then click OK.

UEC then will re-attempt to stop the component with this information. If UEC cannot stop the component, you will be notified by UEC.</td></tr>
</table>

UACL Example

The following is an example entry in the UACL configuration of the remote agent for Universal Control **stop** access:

```
# User connecting to MVS UEC
uctl_access ALL,STCUSER:user1,*,allow,noauth
# User connecting to Windows UEC
uctl_access "ALL,NT AUTHORITY\SYSTEM:user1,*,allow,noauth"
```

(For a complete description of UCTL_ACCESS, see Universal Control UACL Entries.)

> **Note**
> You cannot stop a component in the pending state. Instead, the manager must be executed with either:

- RESTART option value of **auto** or **yes**, in order to pick up its output and exit status.
- FORCE_COMPLETE option in order to clean up the spool.

Also, stopping a component that is running under the control of Universal Broker version 1.2 is not supported.

I-Management Console

Introduction

The I-Management Console application provides a graphical user interface for remotely configuring Agents.

I-Management Console Applications

I-Management Console is comprised of three applications:

Agent Update

The Agent Update application lets you:

- View and modify the configurations of Agents being monitored by the Universal Enterprise Controller (UEC).
- Save the configuration of an Agent as an Agent profile.

Mass Update

The Mass Update application lets you:

- Modify the configurations of multiple agents simultaneously through the use of Agent profiles.

Commit Queue

The Commit Queue application lets you:

- View the status of modified configurations committed to Agents.
- Cancel a commit that is pending.

Note
To specify the Agents to be monitored by UEC, use the I-Administrator application.

Detailed Information

The following pages provide detailed information for I-Management Console:

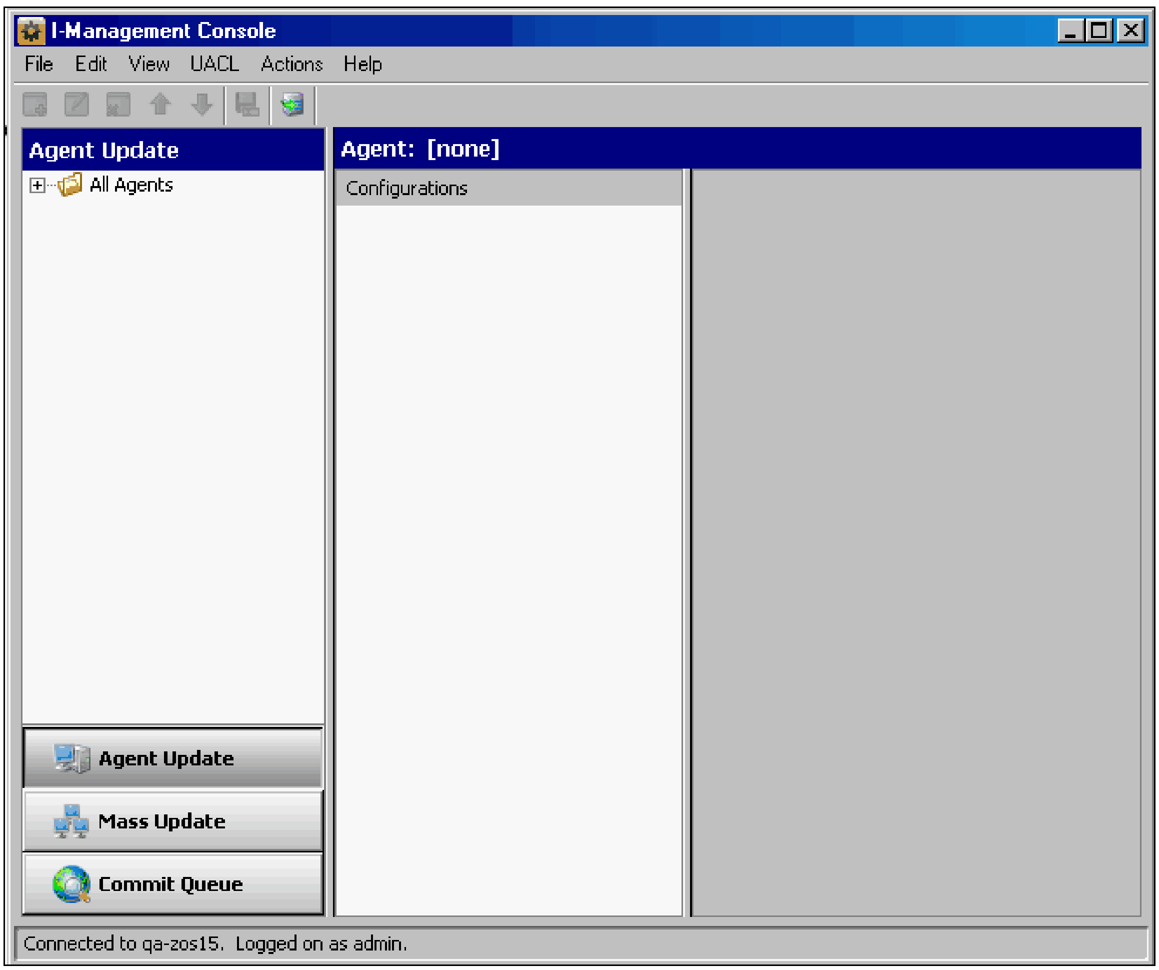
- Using I-Management Console
- I-Management Console Menu Bar
- I-Management Console Tool Bar
- I-Management Console User Tasks
- I-Management Console Agent Update
- I-Management Console Mass Update
- I-Management Console Commit Queue

Using I-Management Console

I-Management Console Screen

When you log in to I-Management Console, (see Accessing UEC Client Applications), the I-Management Console screen displays.

Note
The screen for the Agent Update application is the initial display.



I-Management Console Screen Information

The I-Management Console screen contains the following regions:

- Menu Bar
  The menu bar lets you perform tasks common to all I-Management Console applications and tasks specific to individual applications (see Menu Bar).
- Tool Bar
  The tool bar lets you perform tasks common to all I-Management Console applications and tasks specific to individual applications (see Tool Bar).
- Filter Tree

The Filter tree identifies the currently defined list of agents (see Agent Update screen) or profiles (see Mass Update screen).

- Applications Panel
  The Applications panel contains buttons that provide access to each I-Management Console application:
    - Agent Update
    - Mass Update
    - Commit Queue
- Data Panel
  The Data panel contains different information for each I-Management Console application. See:
    - Accessing Agent Update
    - Accessing Mass Update
    - Accessing Commit Queue

I-Management Console Menu Bar

Most of the menu items on the I-Management Console menu bar (see Using I-Management Console) are enabled only as appropriate for the task being performed.

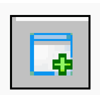
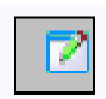
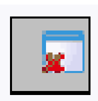
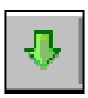
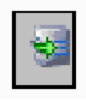
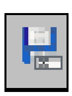
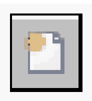
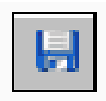
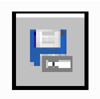
The following table identifies the items on each menu of the menu bar and provides a link to the task associated with each item.

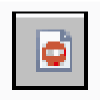
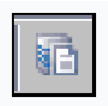
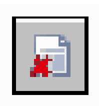
Menu / Item	Description
File / New	Create a new Profile. (See Creating a Profile.)
File / Close	Close a displayed Profile. (See Closing a Profile.)
File / Save	Save modified Profile configurations. (See Saving Profile Configurations.)
File / Save As	Copy and save a modified Profile as another Profile. (See Saving Profile Configurations as another Profile.)
File / Edit Configuration List	Add and/or remove configuration in a Profile. (See Adding & Removing Configurations in a Profile.)
File / Edit Agent List	Add and/or remove Agents in a Profile. (See Adding & Removing Agents in a Profile.)
File / Delete	Delete a Profile. (See Deleting a Profile.)
File / Log Off	Log off I-Management Console. (See I-Management Console User Tasks.)
Edit / Undo	Undo one or more entries in a table. (See Modifying Agent Configurations and Modifying Profile Configurations.)
Edit / Redo	Redo one or more entries in a table. (See Modifying Agent Configurations and Modifying Profile Configurations.)
Edit / Load Value	Load actual or default value into an Agent configuration option field. (See Modifying Agent Configurations.)
View / Agent Update	Display the Agent Update screen. (See I-Management Console Agent Update.)
View / Mass Update	Display the Mass Update screen. (See I-Management Console Mass Update.)
View / Commit Queue	Display the Commit Queue screen. (See I-Management Console Commit Queue.)
UACL / Add	Add rules for a new UACL entry in a Configuration Options Table or Profile Configurations Options Table.
UACL / Edit	Edit rules of a UACL entry in a Configuration Options Table or Profile Configurations Options Table.
UACL / Delete	Delete a UACL entry in a Configuration Options Table or Profile Configurations Options Table.
UACL / Move Up	Move up a UACL entry in a Configuration Options Table or Profile Configurations Options Table.
UACL / Move Down	Move down a UACL entry in a Configuration Options Table or Profile Configurations Options Table.
Actions / Commit	Commit a modified configuration. (See Committing Agent Configurations and Committing Profile Configurations.)
Actions / Validate	Validate a modified configuration. (See Validating Agent Configurations (without Committing) and Validating Profile Configurations (without Saving).)
Actions / Cancel Commit	Cancel a committed (by not yet competed) configuration. (See Cancelling a Commit.)
Help / About	Display information about the logged in version of I-Management Console. (See I-Management Console User Tasks.)

I-Management Console Tool Bar

The I-Management Console tool bar provides icons that let you select functions for the three I-Management Console applications. As the following table illustrates, some icons are shared by applications and some are unique to a specific application.

Most of the icons are enabled only as appropriate for the region being accessed in a specific I-Management Console application.

Icon	Description
Agent Update and Mass Update	Functions provided for the Agent Update and Mass Update applications.
	**Add a Row**: Add rules for a new UACL entry in a Configuration Options Table or Profile Configurations Options Table.
	**Edit a Row**: Edit rules of a UACL entry in a Configuration Options Table or Profile Configurations Options Table.
	**Delete a Row**: Delete a UACL entry in a Configuration Options Table or Profile Configurations Options Table.
	**Move Up a Row**: Move up a UACL entry in a Configuration Options Table or Profile Configurations Options Table.
	**Move Down a Row**: Move down a UACL entry in a Configuration Options Table or Profile Configurations Options Table.
	**Commit Configuration**: Commit agent or profile configurations (see Committing Agent Configurations and Committing Profile Configurations).
Agent Update	Function provided for the Agent Update application.
	**Save Actual Values to Profile**: Save the configurations of an agent as a profile (see Saving Agent Configurations as a Profile).
Mass Update	Functions provided for the Mass Update application.
	**New Profile**: Create a new profile of configurations (see Creating a Profile).
	**Save Profile**: Save a profile of configurations (see Saving Profile Configurations).
	**Save Profile As**: Save a profile of configurations as another profile (see Saving Profile Configurations as another Profile).

	**Close Profile**: Close a Profile (without saving changes to its configurations (see Closing a Profile).
	**Edit Configuration List**: Add and/or remove configurations in a profile (see Adding & Removing Configurations in a Profile).
	**Edit Agent List**: Add and/or remove agents in a profile (see Adding & Removing Agents in a Profile).
Commit Queue	Function provided for the Commit Queue application.
	**Cancel Commit**: Cancel a commit that has not yet completed (see Cancelling a Commit).

I-Management Console User Tasks

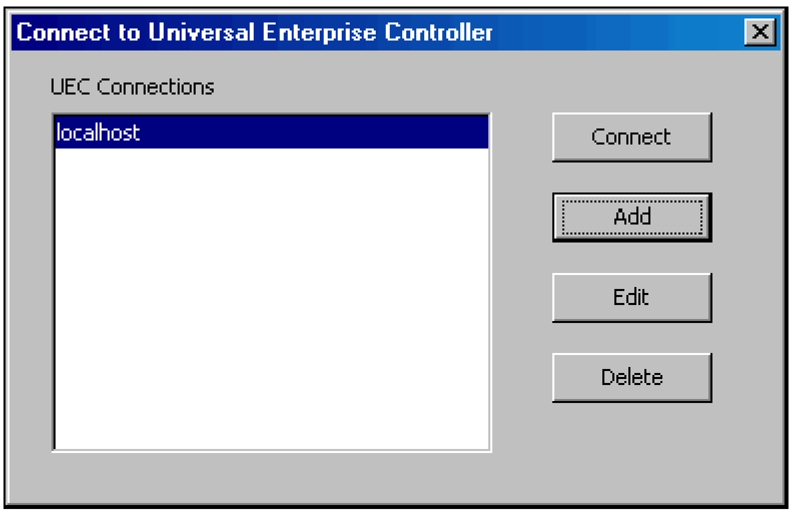
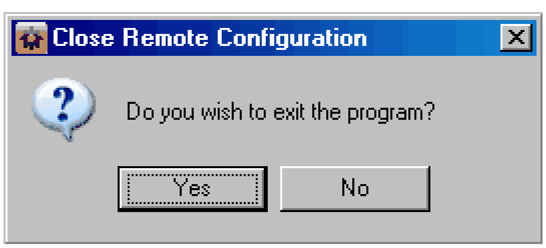
The user tasks are common for all I-Management Console applications.

Accessing I-Management Console Applications

In addition to accessing a I-Management Console application by clicking the appropriate panel in the I-Management Console screen Applications Panel, you also can access them via the **View** menu on the I-Management Console menu bar (see Using I-Management Console). There is a separate menu item for each application.

Logging Off I-Management Console

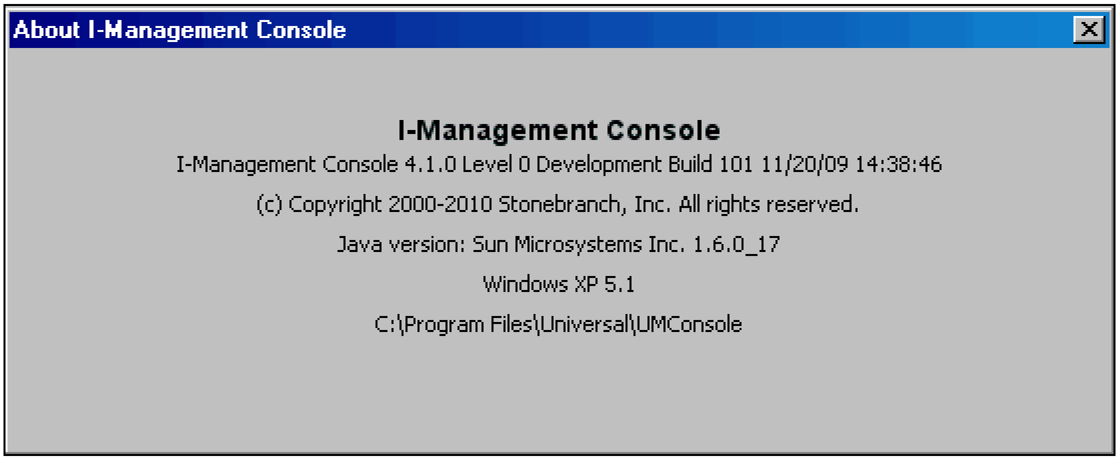
To log off I-Management Console, perform the following steps.

Step 1	Click **Log Off** on the **File** menu. The Connect to Universal Enterprise Controller dialog displays. 
Step 2	Click the **x** icon in the top, right corner to disconnect from the Universal Enterprise Controller Server on which I-Management Console resides. The Close Remote Configuration dialog then displays. 
Step 3	Click the **Yes** button to log off I-Management Console.

Displaying Information about I-Management Console

To view information about the version of I-Management Console to which you have logged in, click **About** on the **Help** menu.

The About I-Management Console dialog then displays.


About I-Management Console
I-Management Console
I-Management Console 4.1.0 Level 0 Development Build 101 11/20/09 14:38:46
(c) Copyright 2000-2010 Stonebranch, Inc. All rights reserved.
Java version: Sun Microsystems Inc. 1.6.0_17
Windows XP 5.1
C:\Program Files\Universal\UMConsole

I-Management Console Agent Update

Introduction

The Agent Update application lets you perform the following tasks:

1. View installed configurations, and their options, for all Agents.
2. Modify configuration option values and commit them to an Agent.
3. Save an Agent's configurations and option values to a profile.

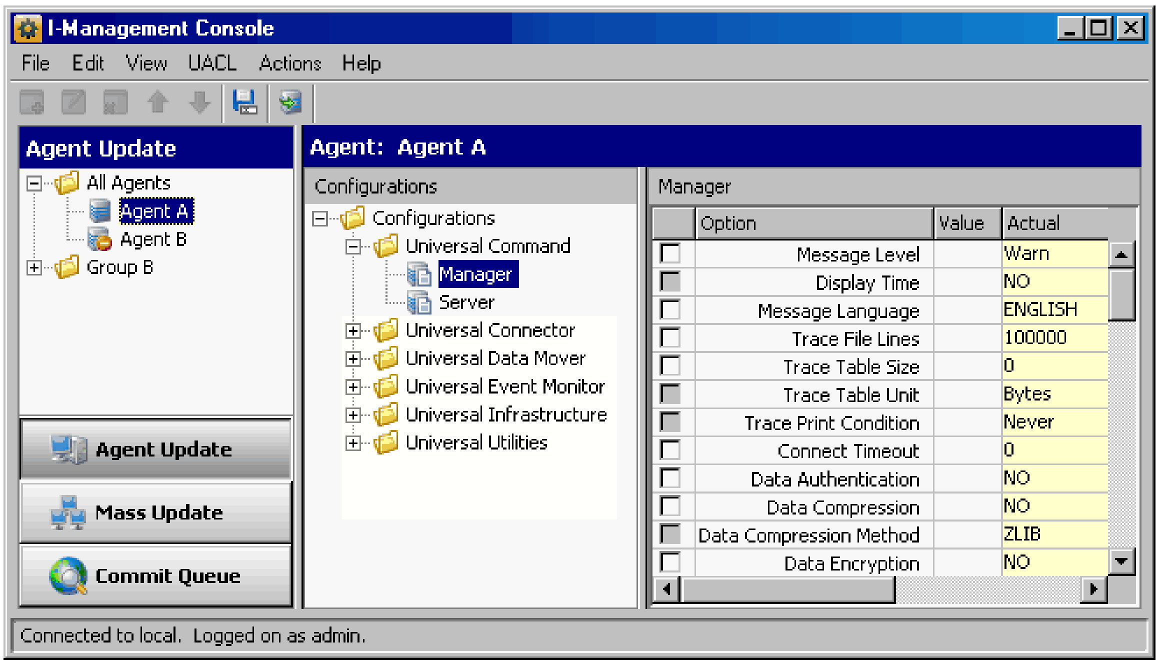
Detailed Information

The following pages provide detailed information for the I-Management Console Agent Update:

Accessing Agent Update

To access the Agent Update application, click the **Agent Update** button in the I-Management Console screen Applications panel. The Agent Update screen then displays.

Note
When you log in to I-Management Console, this is the default display.

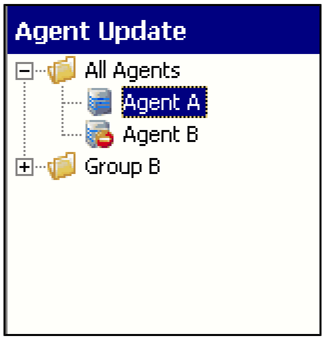


In addition to the Menu Bar and Tool Bar, the Agent Update screen is comprised of three regions:

- Agent Tree
- Configuration Tree
- Configuration Options Table

Agent Tree

The Agent tree section of the Agent Update screen identifies all of the agents and groups assigned to the current user.



Each agent in the Agent tree is identified by one of the following icons:

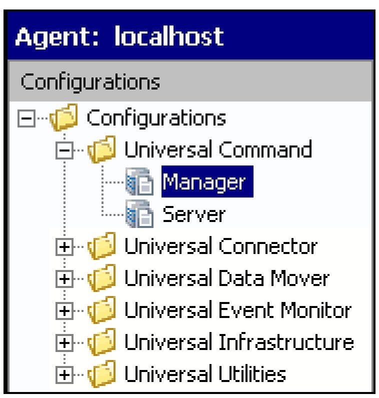
	Agent has been polled by UEC. This icon displays even if the Agent currently, for whatever reason, cannot be polled by UEC.
	Agent has not been polled by UEC: UEC may be unable to poll the Agent, or the Agent was defined to the Broker being polled prior to version 4.1.0.

When you click on an agent in the Agent tree, the Configuration Tree is populated with all configurations installed on that agent.

> **Note**
> Groups and agents, and the users to which they are assigned, are created in the I-Administrator utility.

Configuration Tree

The Configuration tree section of the Agent Update screen identifies all of the Universal Agent or Universal Data Mover components installed on the Agent currently selected in the Agent Tree.



The following configuration groups can appear in the Configuration tree:

- Universal Command
- Universal Data Mover
- Universal Event Monitor
- Universal Infrastructure
- Universal Utilities

When you click on a configuration in the Configuration tree, the Configuration Options Table is populated with all of the options, and their values, included in that configuration.

Configuration Options Table

The Configuration Options table of the Agent Update screen identifies all of the options included in the configuration currently selected in the Configuration Tree.

Manager			
	Option	Value	Actual
	Message Level		Warn
	Display Time		NO
	Message Language		ENGLISH
	Trace File Lines		100000
	Trace Table Size		0
	Trace Table Unit		Bytes
	Trace Print Condition		Never
	Connect Timeout		0
	Data Authentication		NO
	Data Compression		NO
	Data Compression Method		ZLIB
	Data Encryption		NO
	DNS Expand		NO
	Host Selection Method		SEQUENTIAL
	Hostname Retry Count		1
	Job Retention		

The Configuration Options table consists of four columns:

1. Check box that lets you select an option to modify.
2. Option: Name of each option whose value can be changed.
3. Value: Field that lets you create or modify an option value.
   Depending on the option, **Value** has the following form:
   - Text field
   - Drop-down list
   - Custom field (for example, the SSL Cipher List fields)
4. Actual: Current value of each option.

Navigating in the Configuration Options Table

After selecting a option in the Configuration Options table, you can navigate in the table and modify values solely from the keyboard by using the following keys:

Space Bar	Toggles the Commit check box (inserts / removes check mark).
Down Arrow	Moves to the next option.
Up Arrow	Moves to the previous option.
Esc	Exits the edit mode.
Enter	Enters the edit mode.

Rules for Creating and Modifying Configuration Values

The following rules apply for creating and modifying configuration values in the Configuration Options table:

- Configuration values can contain spaces and/or tabs, but if they do, they must be enclosed in single (**'**) or double (**"**) quotation marks. Repeat the enclosing characters to include them as part of the value.
- Configuration values that are not pre-defined, such as directory names and file names, are case sensitive.

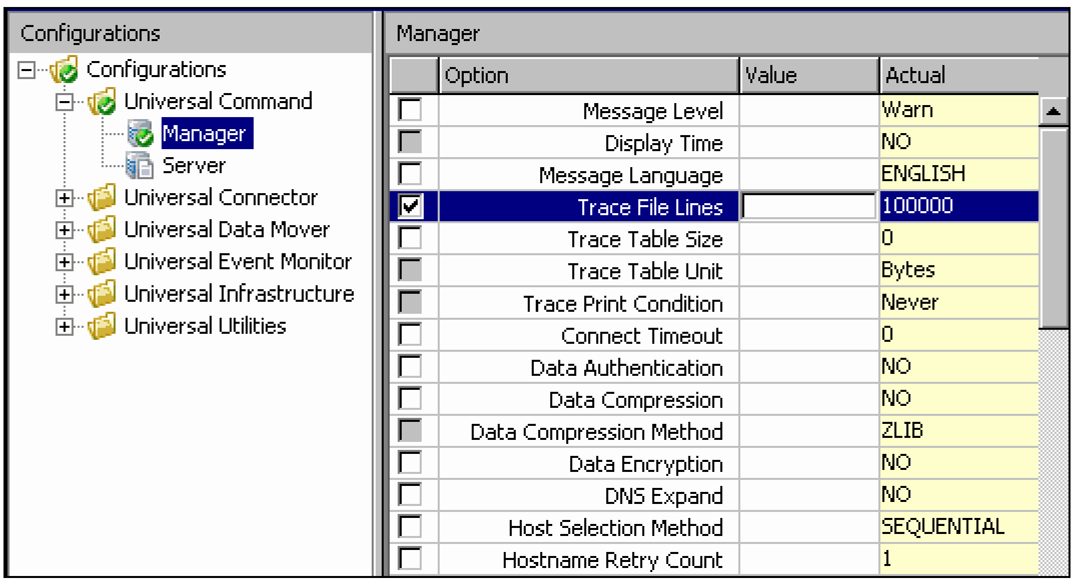
Modifying Agent Configurations

To modify agent configurations — that is, to modify the configuration option values of an agent — perform the following steps:

<table>
<tr><td>Step 1</td><td>Select an agent from the Agent tree. The Configuration tree then lists all configurations of that Agent.</td></tr>
<tr><td>Step 2</td><td>Select a configuration from the Configuration tree. The Configuration Options table then lists all options, and their current values, for that configuration.</td></tr>
<tr><td>Step 3</td><td>In the Configuration Options table, click the Commit check box of an option whose value you want to modify (see below).

Note
An option with a gray Commit check box (such as Display Time) is a dependent option. It can be selected for modification only if the independent option (with a white Commit check box) immediately preceding it has been selected.

Consecutively listed dependent options all are dependent on the independent option immediately preceding them.



This causes the following to occur:
Check mark is inserted in the Commit check box for that option.
Row for that option is highlighted.
Value field for that option is enabled.
Configuration tree displays a green check mark for the group and configuration in which the option resides. This allows you to keep track of all your selections.</td></tr>
<tr><td>Step 4</td><td>In the Value field, enter a modified value for the option (that is, a different value than Actual value) either by:
Typing a value (in a text field).
Selecting a value (from a drop-down list).
Loading a value by selecting either of the following from the Edit menu.
Select Load Value / Actual to enter the Actual value in the Value field.
Select Load Value / Default to enter the default value in the Value field.</td></tr>
<tr><td>Step 5</td><td>Press the Enter key, or click the mouse anywhere outside that Value field, to validate the modified value.
If the modified value is valid, it is accepted and displayed in the Value field.</td></tr>
</table>

Step 6	If the modified value is invalid, a warning message displays.
	Exit the warning message and either:
	
	• Enter another value in that **Value** field and press the **Enter** key (or click the mouse anywhere outside that **Value** field).
	• Cancel the modification either by:
	    • Clicking on the Commit check box
	    • Pressing the **Esc** key.
	    This removes the check mark from the Commit check box.

Step 7	Select and modify other values, as desired.

Undoing / Redoing Table Actions

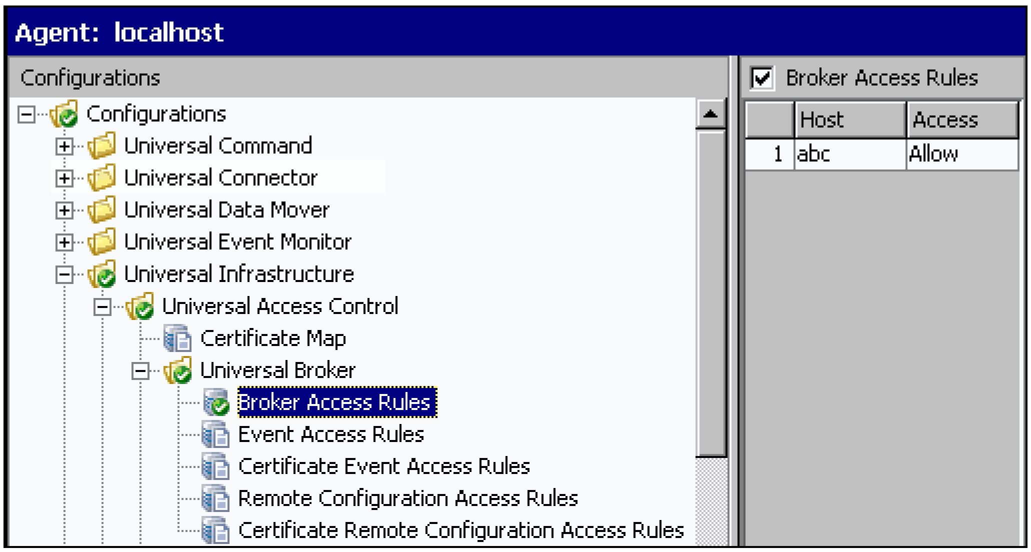
You can undo multiple actions, and redo multiple undone actions, performed in the Configuration Options table.

- To undo an action, either select **Undo** from the I-Management Console **Edit** menu or press **Ctrl+Z**.
- To redo an undone action, either select **Undo** from the I-Management Console **Edit** menu or press **Ctrl+Y**.

Modifying Universal Access Control Lists - Agent Update

Overview

Universal Access Control List (UACL) configurations (as shown in the following figure) are used to define Access Control Lists (ACLs) and certificates.



Each Universal Access Control configuration in the Configuration tree represents a type of UACL entry for a specific component.

A UACL entry type selected in the Configuration tree is identified at the top of the Configuration Options table. The column headers identify the fields that comprise the rule for that entry type. Each row in the table represents the rule for a single entry.

There is no limit to the number of UACL entries that can exist for an entry type.

The figure above, for example, illustrates a single entry of Broker Access Rules for the Universal Broker. The rule is comprised of two fields: Host (value=**abc**) and Access (value=**Allow**).

UACL Configuration Actions

You can perform the following actions for a UACL configuration:

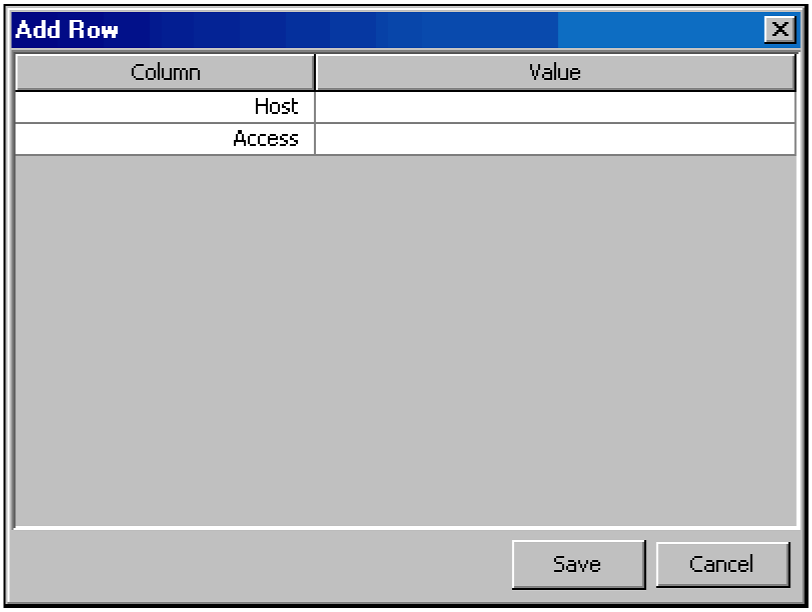
- Adding a UACL Entry
- Editing a UACL Entry
- Deleting a UACL Entry
- Moving Up a UACL Entry
- Moving Down a UACL Entry

Adding a UACL Entry

To add a UACL entry for a component, perform the following steps.

Step 1	Click on a UACL entry type of a specific component in the Configuration tree. The Configuration Options table then displays a row for each UACL entry of that type currently defined for that component.

Step 2	Click **Add Row** from either the UACL menu or the I-Management Console tool bar. The Add Row dialog displays.

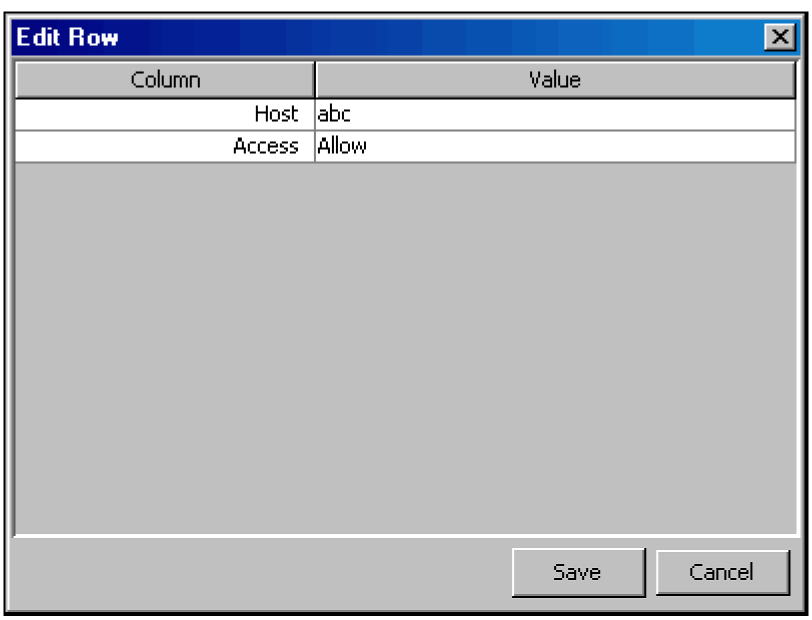


Step 3	For each field, click the **Value** column and enter/ select a value.
Step 4	Click the **Save** button to add that new UACL entry, which then displays in the Configuration Options table below any already defined entries.

Editing a UACL Entry

To edit a UACL entry of a component, perform the following steps.

Step 1	Click on a UACL entry type of a specific component in the Configuration tree. The Configuration Options table then displays a row for each UACL entry of that type currently defined for that component.
Step 2	Display the Edit Row dialog for a row either by: • Clicking on that row and selecting **Edit Row** from the UACL menu or I-Management Console tool bar. • Double-clicking that row.



Step 3	For each field that you want to edit, click the **Value** column and enter/select a value.

Step 4	Click the **Save** button. The Configuration Options table displays the edited values for that entry.

Deleting a UACL Entry

To delete a UACL entry of a component, perform the following steps.

Step 1	Click on a UACL entry type of a specific component in the Configuration tree. The Configuration Options table then displays a row for each UACL entry of that type currently defined for that component.
Step 2	Click on a row and select either **Delete Row** from either the UACL menu or the I-Management Console tool bar. The Delete Row dialog displays. 
Step 3	Click the **Yes** button to delete UACL entry; the row is removed from the Configuration Options table.

Moving Up a UACL Entry

To move up an entry in a UACL, perform the following steps.

Step 1	Click on a UACL entry type of a specific component in the Configuration tree. The Configuration Options table then displays a row for each UACL entry of that type currently defined for that component.
Step 2	Click on a row.
Step 3	Click **Move Up** from the UACL menu or tool bar. Each time that you click **Move Up**, the row moves up one position.

Moving Down a UACL Entry

To move down an entry in a UACL, perform the following steps.

Step 1	Click on a UACL entry type of a specific component in the Configuration tree. The Configuration Options table then displays a row for each UACL entry of that type currently defined for that component.
Step 2	Click on a row.
Step 3	Click **Move Down** from the UACL menu or tool bar.

Each time that you click **Move Down**, the row moves down one position.

Committing Agent Configurations

You must commit any modified option values of an Agent configuration in order for UEC to send those values to the Agent. When you commit a configuration, a validation automatically is performed on all of its modified option values.

Committed configurations are placed in a Commit queue. Whenever UEC polls an Agent, the Commit queue is scanned for any pending commits (committed configurations) to that agent. If a pending commit is found, it is sent to the Agent, where the Universal Broker automatically is refreshed.

> **Note**
> When the Broker is refreshed, only some modified option values take effect; others require the Broker to be recycled before they take effect (see Universal Broker Configuration Options Refresh).

Only one pending commit is sent to an Agent per poll. For example, if a user commits five times to an agent, five Agent polls are required to process the pending commits.

> **Note**
> The frequency with which UEC polls an Agent is defined in the UEC POLLING_INTERVAL configuration option. This polling interval also can be defined for individual agents through the I-Administrator client application (see I-Administrator).

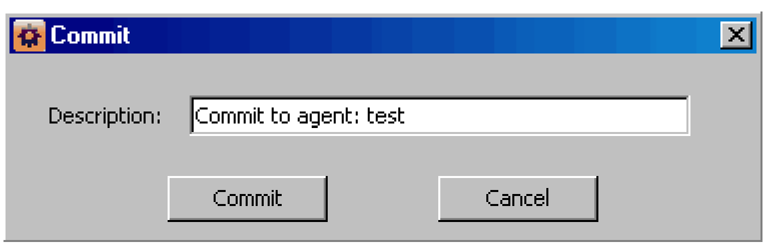
To track the status of commits, access the Commit Queue application (see Commit Queue).

To commit a configuration, perform the following steps.

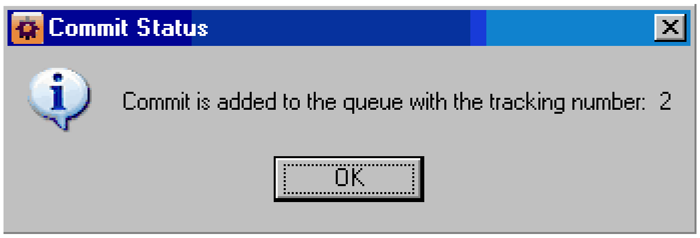
<table>
<tr><td>Step 1</td><td>In the Configuration tree, click the configuration to be committed.</td></tr>
<tr><td>Step 2</td><td>Commit the selected configuration either by:

Clicking Commit in the Actions menu on the I-Management Console menu bar.
Clicking the Commit Configuration icon on the I-Management Console tool bar.

Note
Only values for options with the Commit check box checked in the Configuration Options table can be committed. (If you modify an option value, but remove the check mark before submitting that value for validation, the modification is removed from the value field and will not be made.)</td></tr>
<tr><td>Step 3</td><td>If validation is successful - that is, all option values are successfully validated - the Commit dialog displays.



Enter a description for the commit.
(The following default description is provided: Commit to agent: <agent name>.)</td></tr>
</table>

Step 4	Click the **Commit** button to commit the changes to the agent. The commit is placed on the I-Management Console Commit queue and the following dialog displays. 
Step 5	Click **OK**.

Validating Agent Configurations (without Committing)

When you commit a configuration, a validation automatically is performed on all of its modified option values (see Committing Agent Configurations).

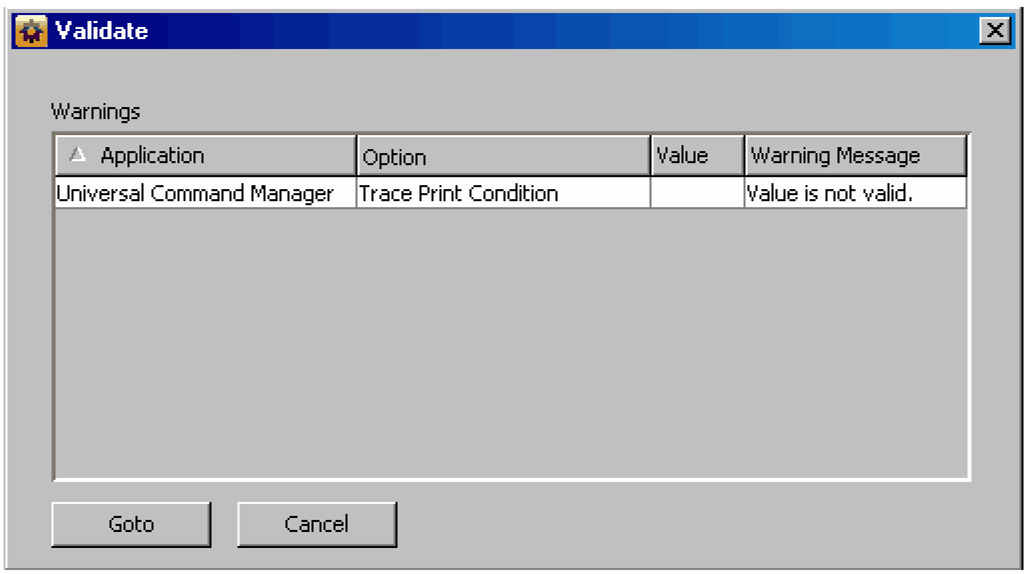
However, If you want to validate the modified values without committing the configuration, perform the following steps.

Step 1	Click **Validate** in the I-Management Console Actions menu. If the validation is successful, the following dialog displays. 
Step 2	Click **OK**.

Correcting Invalid Agent Configuration Values

If validation is unsuccessful when you attempt to commit a configuration - that is, the configuration contains one or more invalid option values - the following dialog displays.

Click **OK**. The Validate dialog displays. (The Validate dialog displays immediately if you attempt to validate, without committing, an agent configuration.)



For each invalid option value, the Validate dialog provides the following information:

- **Application** of the option containing the invalid value.
- **Option** for which there is an invalid value.
- **Value** that is invalid.
- **Warning Message** indicating why the value is invalid.

To modify a value, perform the following steps:

Step 1	Click on the row of the invalid value.
Step 2	Click the **Goto** button. The Validate dialog closes and the corresponding Configuration tree and Configuration Options table display for that option.
Step 3	Modify the value and re-validate or re-commit the option values.

Saving Agent Configurations as a Profile

To save agent configurations as a profile, perform the following steps:

Step 1	Click an agent in the Agent tree.
Step 2	Click either: • **Save As** from the I-Management Console File menu. • **Save Actual Values to Profile** icon on the I-Management Console tool bar. 
Step 3	Enter a name for the profile. (A default name that includes the name of the agent is provided.)
Step 4	Click the **Save** button to save the profile; it displays in the Profile tree of the Mass Update application. You assign one or more agents to this profile. The agent from which the profile was created automatically is assigned to the profile and displays in the Profile Agent tree of Mass Update.

I-Management Console Mass Update

Introduction

The Mass Update application lets you modify configurations for multiple agents simultaneously through the use of agent profiles.

Each profile is a set of one, more than one, or all configurations. A profile is available to a user only if the user has been given access, via I-Administrator, to all configurations included in that profile.

Mass Update lets you perform the following tasks:

1. Create profiles.
2. Select profile configurations for the created profiles.
3. Assign agents to profiles.
4. Define configuration option values for the profile configurations.
5. Commit the profiles to Universal Enterprise Controller (UEC).

Detailed Information

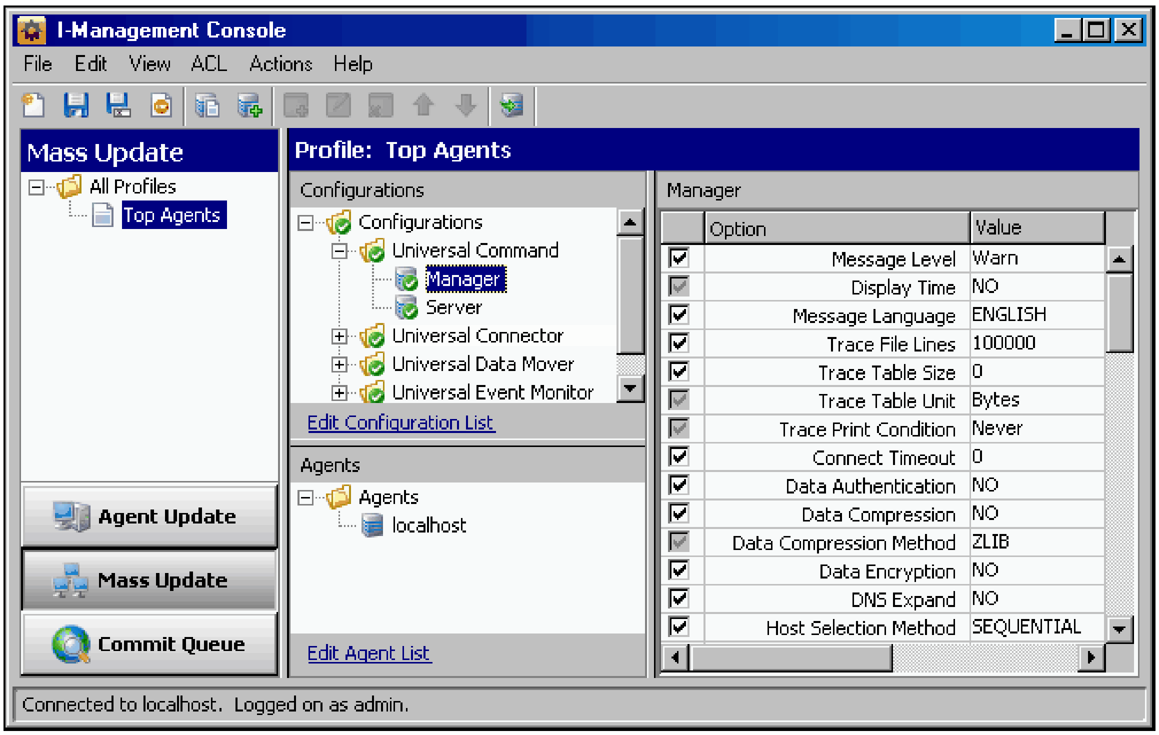
The following pages provide detailed information for the I-Management Console Agent Update:

- Accessing Mass Update
- Creating a Profile
- Adding & Removing Configurations in a Profile
- Adding & Removing Agents in a Profile
- Modifying Profile Configurations
- Modifying Universal Access Control Lists - Mass Update
- Saving Profile Configurations
- Saving Profile Configurations as another Profile
- Validating Profile Configurations (without Saving)
- Committing Profile Configurations
- Correcting Invalid Profile Configuration Values
- Closing a Profile
- Deleting a Profile

Accessing Mass Update

Accessing Mass Update

To access the Mass Update application, click the **Mass Update** panel on the bottom left corner of the I-Management Console screen. The Mass Update screen then displays.



In addition to the Menu Bar and Tool Bar, the Mass Update screen is comprised of four regions:

- Profile Tree
- Profile Configurations Tree
- Profile Agents Tree
- Profile Configurations Options Table

Profile Tree

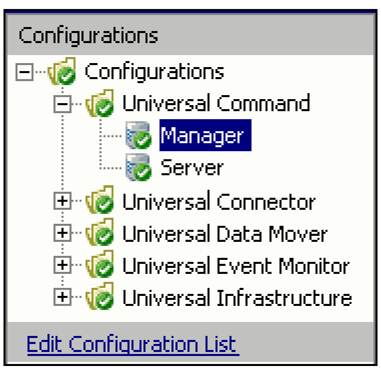
The Profile tree section of the Mass Update screen identifies all of the profiles for which the current user (resident on UEC) has configuration access.

When you click on a profile in the Profile tree, the Profile Configurations Tree is populated with all configurations defined for that profile.

Note
When you select Mass Update for the first time, the Profile tree may be empty.

Profile Configurations Tree

The Profile Configurations tree section of the Mass Update screen identifies all of the configurations included in the profile selected in the Profile Tree.



The Profile Configuration tree organizes the configurations under groups that provide a logical hierarchy.

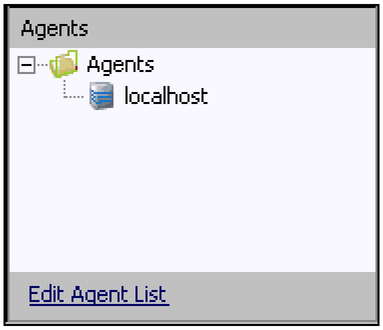
The following configuration groups can appear in the Profile Configuration tree:

- Universal Command
- Universal Data Mover
- Universal Event Monitor
- Universal Infrastructure
- Universal Utilities

The **Edit Configuration List** link at the bottom of the tree lets you add or remove configurations for this profile (see Adding & Removing Configurations in a Profile).

Profile Agents Tree

The Profile Agents tree section of the Mass Update screen identifies all of the agents that have been assigned to the profile selected in the Profile Tree.

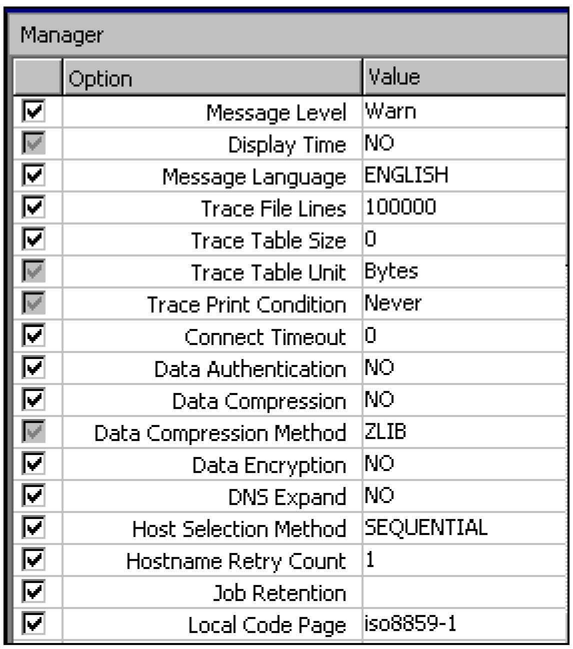


The **Edit Agent List** link at the bottom of the tree lets you add or remove agents assigned to this profile (see Adding & Removing Agents in a Profile).

Profile Configurations Options Table

The Profile Configurations Options table section of the Mass Update screen identifies all of the options for a profile configuration selected in the Profile Configurations Tree.

(The top, left corner of the table identifies the selected profile configuration.)



Manager

	Option	Value
✓	Message Level	Warn
✓	Display Time	NO
✓	Message Language	ENGLISH
✓	Trace File Lines	100000
✓	Trace Table Size	0
✓	Trace Table Unit	Bytes
✓	Trace Print Condition	Never
✓	Connect Timeout	0
✓	Data Authentication	NO
✓	Data Compression	NO
✓	Data Compression Method	ZLIB
✓	Data Encryption	NO
✓	DNS Expand	NO
✓	Host Selection Method	SEQUENTIAL
✓	Hostname Retry Count	1
✓	Job Retention	
✓	Local Code Page	iso8859-1

The Profile Configurations Options table consists of three columns:

- Check box that lets you select an option to modify.
- **Option**: Options in the selected configuration whose value can be defined.
- **Value**: Fields that lets you create or modify option values. Depending on the option, **Value** has the following form:
    - Text field
    - Drop-down list
    - Custom field (for example, the SSL Cipher List fields)

Navigating in the Profile Configurations Options Table

After selecting an option in the Profile Configurations Options table, you can navigate in the table and modify values solely from the keyboard by using the following keys:

- Space Bar
  Toggles the Commit check box (inserts / removes check mark).
- Down Arrow
  Moves to the next option.
- Up Arrow

Moves to the previous option.
- Esc
  Exits the edit mode.
- Enter
  Enters the edit mode.

Rules for Creating and Modifying Configuration Values

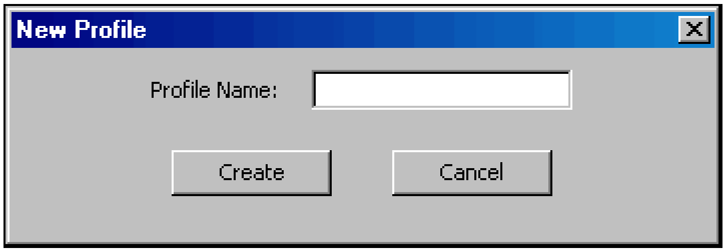
The following rules apply for creating and modifying configuration values in the Profile Configurations Options table:

- Configuration values can contain spaces and/or tabs, but if they do, they must be enclosed in single (') or double (") quotation marks. Repeat the enclosing characters to include them as part of the value.
- Configuration values that are not pre-defined, such as directory names and file names, are case sensitive.

Creating a Profile

Creating a Profile

To create a new profile, perform the following steps:

Step 1	Display the New Profile dialog either by: 1. Clicking **New...** on the I-Management Console File menu. 2. Click the **New Profile** icon on the Mass Update toolbar. 
Step 2	Enter a **Profile Name**.
Step 3	Click the **Create** button. The Profile tree then displays this profile.

You now can:

- Add configurations to a profile (see Adding & Removing Configurations in a Profile).
- Assign agents to this profile (see Adding & Removing Agents in a Profile).

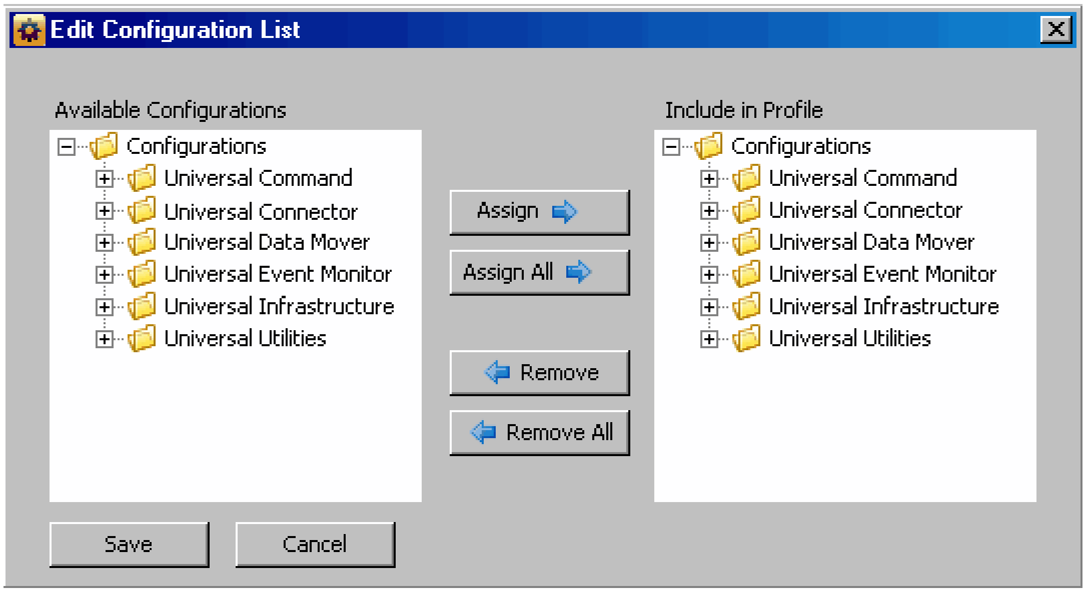
Adding & Removing Configurations in a Profile

Adding / Removing Configurations in a Profile

To add and/or remove configurations in a Profile, perform the following steps.

<table>
<tr><td>Step 1</td><td>Select a profile in the Profile tree.</td></tr>
<tr><td>Step 2</td><td>Display the Edit Configurations dialog, below, either by:

Clicking the <u>Edit Configuration List</u> link at the bottom of the Profile Configurations tree.
Clicking Edit Configuration List on the I-Management Console File menu.



The Available Configurations window lists all configurations that are assigned to the current user. To display the list of available configurations, click + next to Configurations and each configuration group.
The Include in Profile window lists all of the configurations that currently are included in this profile. To display the list of all configurations currently in the profile, click + next to Configurations and each configuration group. </td></tr>
<tr><td>Step 3</td><td>To add a configuration to the profile:

Click on that configuration in the Available Configurations window.
Click the Assign-> button.
The configuration then is listed in the Include in Profile window.
</td></tr>
<tr><td>Step 4</td><td>To add all configurations to the profile, click the Assign All-> button.
All of the configurations are listed in the Include in Profile window.</td></tr>
<tr><td>Step 5</td><td>To remove a configuration from the profile:

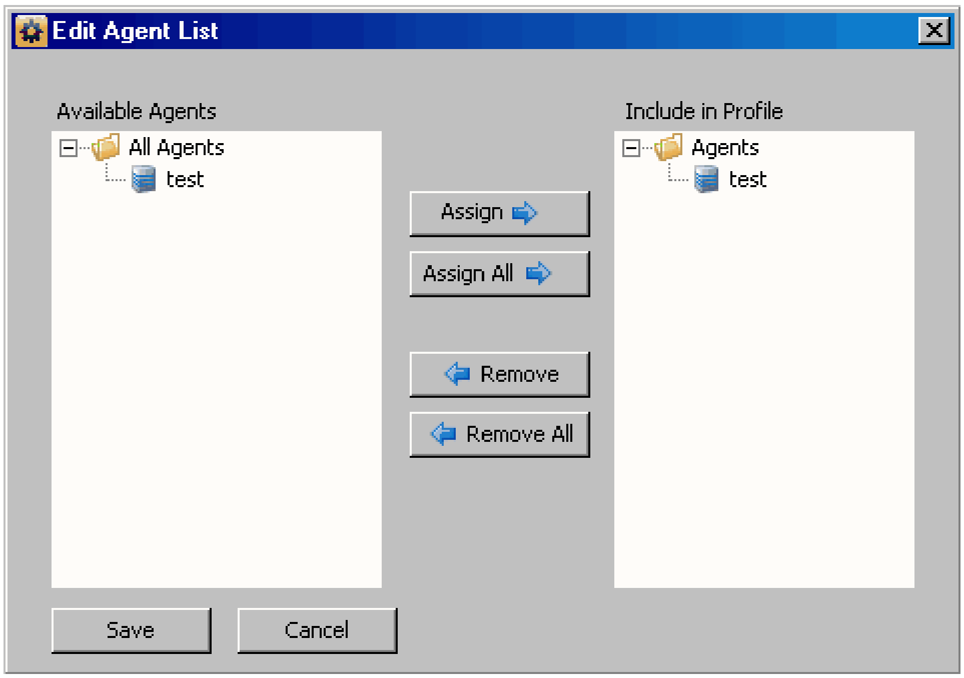
Click on that configuration in the Include in Profile window.
Click the <-Remove button.
The configuration is removed from the Include in Profile window.
</td></tr>
<tr><td>Step 6</td><td>To remove all configurations from the profile, click the <-Remove All button.
All of the configurations are removed from the Include in Profile window.</td></tr>
<tr><td>Step 7</td><td>Click the Save button at the bottom of the Edit Configurations dialog to save your edits.</td></tr>
</table>

Note
Adding configurations to the **Include in Profile** window does not remove them from the **Available Configurations** window.

Adding & Removing Agents in a Profile

Adding / Removing Agents in a Profile

To add and/or remove agents in a Profile, perform the following steps:

Step 1	Select a profile in the Profile tree.
Step 2	Display the Edit Agent List dialog, either by: • Clicking the **Edit Agent List** link at the bottom of the Profile Agents tree. • Clicking **Edit Agent List** on the I-Management Console File menu.  The **Available Agents** window lists all agents that are assigned to the current user. To display the list of available agents, click **+** next to **All Agents**. The **Include in Profile** window lists all of the agents that currently are included in this profile. To see the list of all agents currently in the profile, click **+** next to **Agents**.
Step 3	To add an agent to the profile: 1. Click on that agent in the **Available Agents** window. 2. Click the **Assign->** button. The agent is listed in the Include in Profile window.
Step 4	To add all agents to the profile, click the **Assign All->** button. All of the agents are listed in the Include in Profile window.
Step 5	To remove an agent from the profile: 1. Click on that agent. 2. Click the **<-Remove** button. The agent is removed from the Include in Profile window.
Step 6	To remove all agents from the profile, click the **<-Remove All** button. All of the agents are removed from the Include in Profile window.
Step 7	Click the **Save** button at the bottom of the Edit Agent List dialog to save your edits.

Modifying Profile Configurations

Modifying Profile Configurations

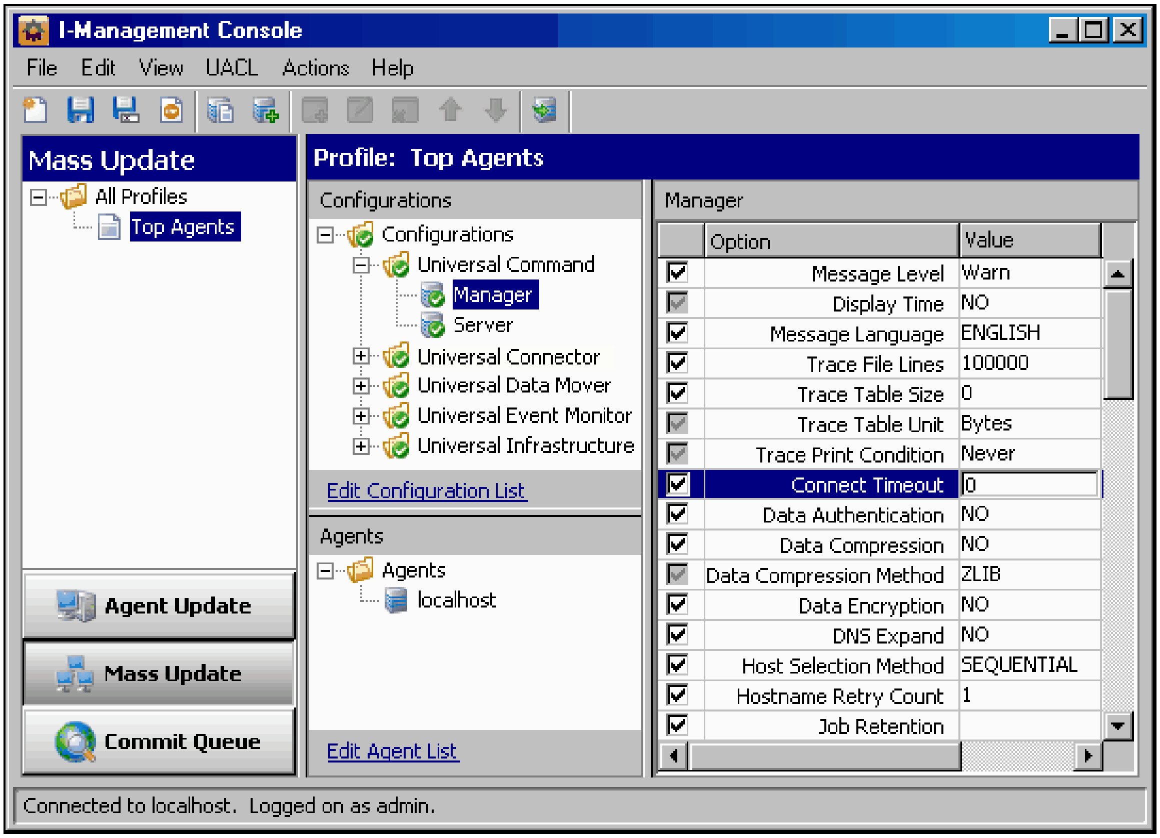
To modify profile configurations — that is, to modify the configuration option values of a profile — perform the following steps.

Step 1	Select a profile from the Profile tree. This causes the following to occur: • Profile Configurations tree lists all configurations of that profile. • Profile Agents tree lists all of the agents assigned to that profile.
Step 2	Select a configuration from the Profile Configurations tree. The Profile Configurations Options table then lists all options, and their current values, for that configuration.

Step 3

In the Profile Configurations Options table, click the Commit check box of an option whose value you want to modify (for example, **Connect Timeout** in the following figure).

> **Note**
> An option with a gray Commit check box (such as **Display Time** in the following figure) is a dependent option. It can be selected for modification only if the independent option (with a white Commit check box) immediately preceding it has been selected.
> Consecutively listed dependent options all are dependent on the independent option immediately preceding them.



This causes the following to occur:

- Check mark is inserted in the Commit check box for that option.
- Row for that option is highlighted.
- **Value** field for that option is enabled.
- Profile Configurations tree displays a green check mark for the group and configuration in which the option resides. This allows you to keep track of all your selections.

Step 4

In the **Value** field, enter a modified value for the option (that is, a different value than **Actual** value).
Depending on the option, the **Value** field has the following form:

- Text field
- Drop-down list
- Custom field (for example, SSL Cipher List)

Step 5

Press the **Enter** key, or click the mouse anywhere outside that **Value** field, to validate the modified value.
If the modified value is valid, it is accepted and displayed in the **Value** field.

Step 6	If the modified value is invalid, a warning message displays.
	Exit the warning message and either:
	
	• Enter another value in that **Value** field and press the **Enter** key (or click the mouse anywhere outside that **Value** field).
	• Cancel the modification either by:
	    • Clicking on the Commit check box
	    • Pressing the **Esc** key.
	    This removes the check mark from the Commit check box.

Step 7	Select and modify other values, as desired.
Step 8	You now can either: 1. Save (and validate) the profile (see Saving Profile Configurations). 2. Save (and validate) the profile as another profile (see Saving Profile Configurations as another Profile). 3. Validate (without saving) the profile (see Validating Profile Configurations (without Saving)).

Note
You must save a profile before you can commit it. Saving a profile validates the profile, but validating a profile does not save it.

Undoing / Redoing Table Actions

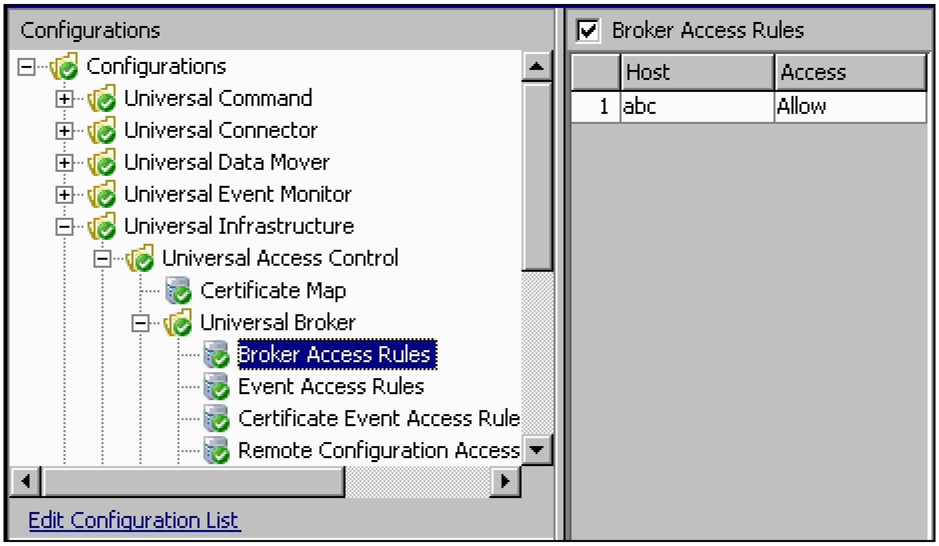
You can undo multiple actions, and redo multiple undone actions, performed in the Profile Configurations Options table.

- To undo an action, either select **Undo** from the I-Management Console **Edit** menu or press **Ctrl+Z**.
- To redo an undone action, either select **Undo** from the I-Management Console **Edit** menu or press **Ctrl+Y**.

Modifying Universal Access Control Lists - Mass Update

Modifying Universal Access Control Lists

Universal Access Control List (UACL) configurations (as shown below) are used to define Access Control Lists (ACLs) and certificates.



Each Universal Access Control configuration in the Profile Configurations tree (**1**) represents a type of UACL entry for a specific component.

A UACL entry type selected in the Profile Configurations tree is identified at the top of the Profile Configurations Options table (**2**). The column headers identify the fields that comprise the rule for that entry type. Each row in the table represents the rule for a single entry.

There is no limit to the number of UACL entries that can exist for an entry type.

The figure above, for example, illustrates a single entry of Broker Access Rules for the Universal Broker. The rule is comprised of two fields: Host (value=**abc**) and Access (value=**Allow**).

Modifying a UACL Configuration

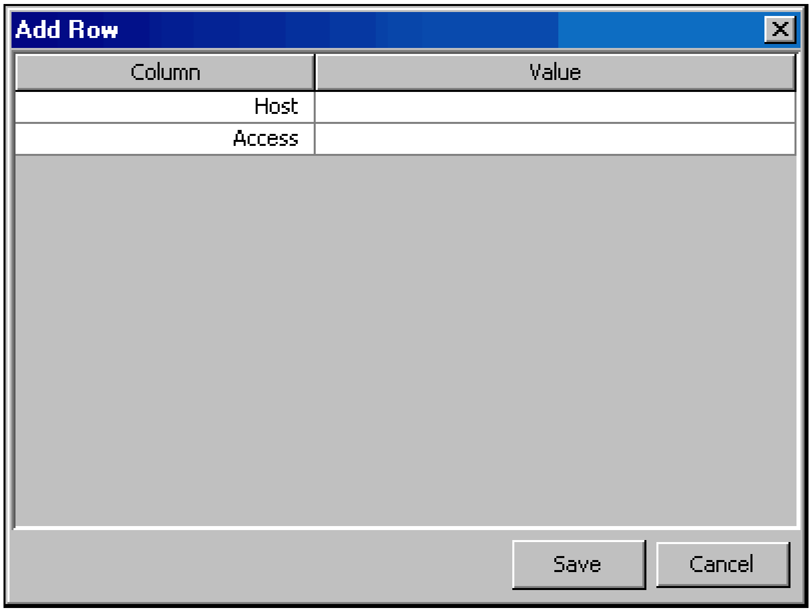
You can perform the following actions on a UACL configuration:

- Adding a UACL Entry
- Editing a UACL Entry
- Deleting a UACL Entry
- Moving Up a UACL Entry
- Moving Down a UACL Entry

Adding a UACL Entry

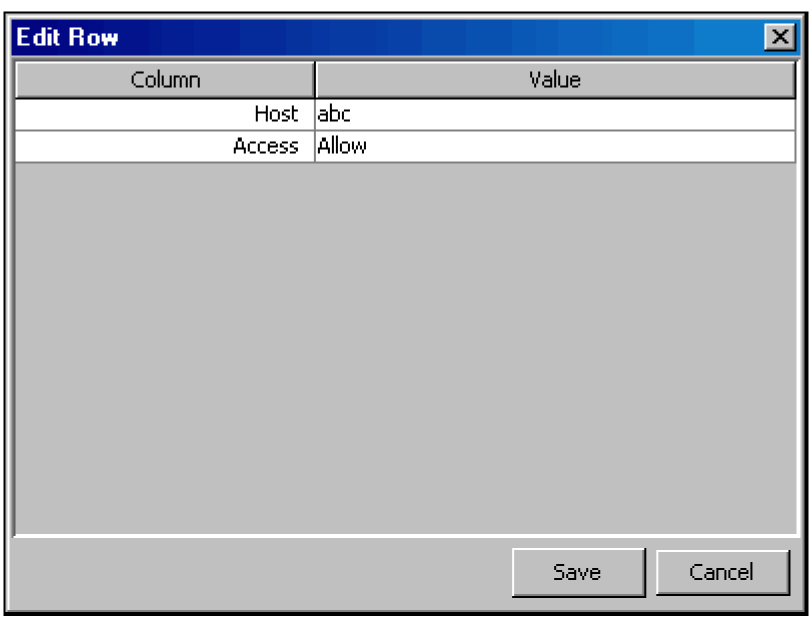
To add a UACL entry for a component, perform the following steps.

Step 1	Click on a UACL entry type of a specific component in the Profile Configurations tree. The Profile Configuration Options table then displays a row for each UACL entry of that type currently defined for that component.

<table>
<tr><td>Step 2</td><td>Click Add Row from either the UACL menu or the I-Management Console tool bar. The Add Row dialog displays.

</td></tr>
<tr><td>Step 3</td><td>For each field, click the Value column and enter/ select a value.</td></tr>
<tr><td>Step 4</td><td>Click the Save button to add that new UACL entry, which then displays in the Profile Configuration Options table below any already defined entries.</td></tr>
</table>

Editing a UACL Entry

To edit a UACL entry of a component, perform the following steps.

<table>
<tr><td>Step 1</td><td>Click on a UACL entry type of a specific component in the Profile Configuration tree. The Profile Configuration Options table then displays a row for each UACL entry of that type currently defined for that component.</td></tr>
<tr><td>Step 2</td><td>Display the Edit Row dialog for a row either by:
Clicking on that row and selecting Edit Row from the UACL menu or I-Management Console tool bar.
Double-clicking that row.

</td></tr>
<tr><td>Step 3</td><td>Click in the Value field for each Column to enable that field.</td></tr>
</table>

Step 4	Modify the data in that **Value** field.
Step 5	Click the **Save** button. The Profile Configuration Options table displays the changed values.

Deleting a UACL Entry

To delete a UACL entry of a component, perform the following steps.

Step 1	Click on a UACL entry type of a specific component in the Profile Configurations tree. The Profile Configuration Options table then displays a row for each UACL entry of that type currently defined for that component.
Step 2	Click on a row and select either **Delete Row** from either the UACL menu or the I-Management Console tool bar. The Delete Row dialog displays. 
Step 3	Click the **Yes** button to delete UACL entry; the row is removed from the Configuration Options table.

Moving Up a UACL Entry

To move up an entry in a UACL, perform the following steps.

Step 1	Click on a UACL entry type of a specific component in the Profile Configurations tree. The Profile Configurations Options table then displays a row for each UACL entry of that type currently defined for that component.
Step 2	Click on a row.
Step 3	Click **Move Up** from the UACL menu or tool bar. Each time that you click **Move Up**, the row moves up one position.

Moving Down a UACL Entry

To move down an entry in a UACL, perform the following steps.

Step 1	Click on a UACL entry type of a specific component in the Profile Configurations tree. The Profile Configurations Options table then displays a row for each UACL entry of that type currently defined for that component.
Step 2	Click on a row.
Step 3	Click **Move Down** from the UACL menu or tool bar. Each time that you click **Move Down**, the row moves down one position.

Saving Profile Configurations

Saving Profile Configurations

You must save modified configurations of a profile before you can commit the profile.

> **Note**
> When you save a profile, a validation automatically is performed on all of its modified configuration option values. However, you can validate a profile without saving it (see Validating Profile Configurations (without Saving)).

To save profile configurations, perform the following steps:

Step 1	Select the profile on the Profile tree.
Step 2	Save the profile either by: • Clicking **Save** on the I-Management Console File menu. • Clicking **Save Profile** on the Mass Update tool bar.

Saving Profile Configurations as another Profile

Saving Profile Configurations As Another Profile

To copy profile configurations and save it as another profile (that is, under a different name), perform the following steps.

Step 1	Select a profile on the Profile tree.
Step 2	Display the **Save As...** dialog either by: 1. Clicking **Save As..** on the I-Management Console **File** menu. 2. Clicking the **Save As** icon on the Mass Update toolbar. 
Step 3	Enter a **Profile Name** for the profile.
Step 4	Click **Save**. I-Management Console saves (and validates) the profile.

When the save is complete, the profile resides in the UEC database and it displays in the Profile tree.

Validating Profile Configurations (without Saving)

Validating Profile Configurations (Without Saving)

When you save a profile, a validation automatically is performed on all of its modified configuration option values (see Saving Profile Configurations). Only after a profile is saved, and its values successfully validated, can you commit the profile to be sent by UEC to all agents with that profile.

However, If you want to validate the configuration option values of a profile without saving the profile, perform the following steps.

Step 1	Click **Validate** in the I-Management Console Actions menu. If the validation is successful, the following dialog displays. 
Step 2	Click **OK**.

Note
Validating a profile does not save it. You still must save the profile before committing it.

Committing Profile Configurations

Committing Profile Configurations

You must commit a profile in order to have UEC sends its modified configuration option values to all Agents with that profile. However, before you can commit a profile, you must save - and automatically validate - the profile (see Saving Profile Configurations).

Polling

Committed profiles are placed in a Commit queue. Whenever UEC polls an Agent, the Commit queue is scanned for a pending commit to Agents with that profile. If a pending commit is found, it is sent to the Agent, where the Universal Broker automatically is refreshed.

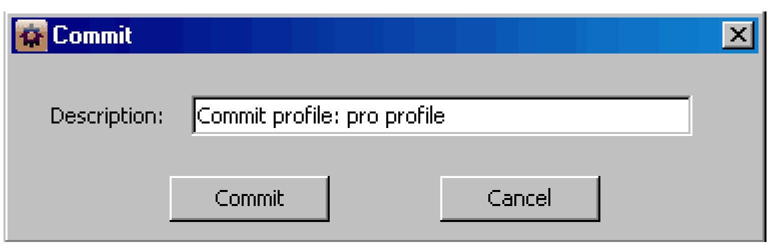
The frequency with which UEC polls an Agent is defined in the UEC POLLING_INTERVAL configuration option. This polling interval also can be defined for individual Agents through the I-Administrator client application (see I-Administrator).

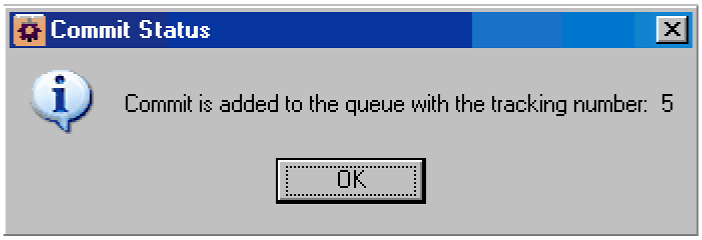
Only one pending commit is sent to an Agent per poll. For example, if a user commits five times to an Agent, five Agent polls are required to process the pending commits.

To track the status of commits, access the Commit Queue application (see Commit Queue).

Committing a Profile

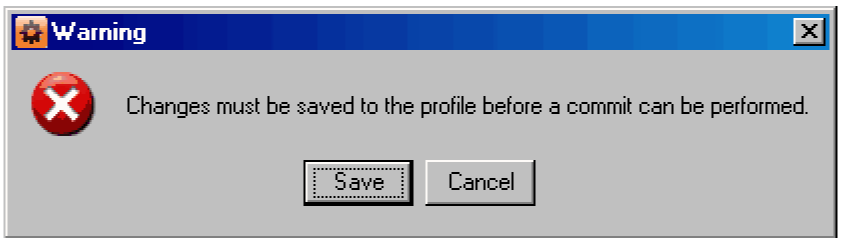
To commit a profile, perform the following steps.

Step 1	In the Profile tree, click the configuration to be committed.
Step 2	Commit the selected profile either by: • Clicking **Commit** in the **Actions** menu on the I-Management Console menu bar. • Clicking the **Commit Configuration** icon on the I-Management Console tool bar. **Note** Only values for options with the Commit check box checked in the Profile Configurations Options table can be committed. (If you modify an option value, but remove the check mark before submitting that value for validation, the modification is removed from the value field and will not be made.)
Step 3	The Commit dialog displays.  Enter a description for the commit. (The following default description is provided: **Commit profile: <profiles name>**.)

Step 4	Click the **Commit** button to commit the changes to the agent. The commit is placed on the I-Management Console Commit queue and the following dialog displays. 
Step 5	Click **OK**.

Profile not Saved

If you try to commit a profile before it has been saved, the following dialog displays:



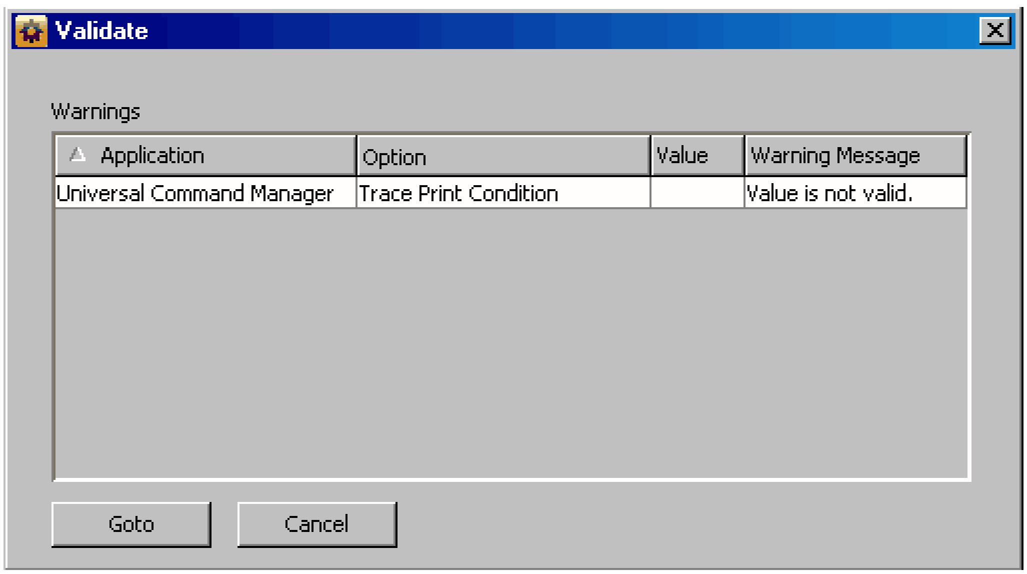
Click **OK**, and then save the profile (see Saving Profile Configurations).

Correcting Invalid Profile Configuration Values

Correcting Invalid Profile Configuration Values

If you try to validate or save a Profile configuration that contains one or more invalid option values, the following dialog displays.

Click **OK**. The Validate dialog displays.



For each invalid option value, the Validate dialog provides the following information:

- **Application** of the option containing the invalid value.
- **Option** for which there is an invalid value.
- **Value** that is invalid.
- **Warning Message** indicating why the value is invalid.

To modify a value, perform the following steps:

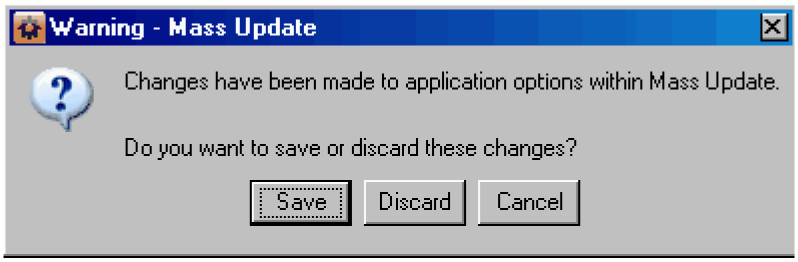
Step 1	Click on the row of the invalid value.
Step 2	Click the **Goto** button. The Validate dialog closes and the corresponding Profile Configurations tree and Profile Configurations Options table display for that option.
Step 3	Modify the value and re-validate (or re-save) the option values.

Closing a Profile

Closing a Profile

Closing a profile de-selects it from the I-Management Console Profile tree and removes its information from the I-Management Console Profile Configurations tree, Profile Agents tree, and Profile Configurations Options table.

To close a selected profile, perform the following steps:

Step 1	Close the profile either by: • Clicking **Close** on the I-Management Console menu bar. • Clicking the **Close Profile** icon on the Mass Update tool bar. • Clicking on another profile in the Profile tree.
Step 2	If you modified the profile that you want to close, but did not save it, the following dialog displays. 
Step 3	If you want to save (and close) the profile, click the **Save** button.
Step 4	If you want to close the profile without saving any of the changes made to it, click the **Discard** button.
Step 5	If you want to cancel the closing of the profile, click the **Cancel** button.

Invalid Values in a Profile

If the profile contains one or more invalid option values, the following dialog displays when you attempt to save it.

Click **OK**. The Validation dialog then displays, which provides a means of correcting the invalid values (see Correcting Invalid Profile Configuration Values).

Deleting a Profile

Deleting a Profile

To delete a profile, perform the following steps.

Step 1	Select a profile from the Profile tree.
Step 2	Click **Delete** on the **File** menu of the I-Management Console task bar. The Delete Profile dialog displays. 
Step 3	Click **Yes** to delete the profile.

I-Management Console Commit Queue

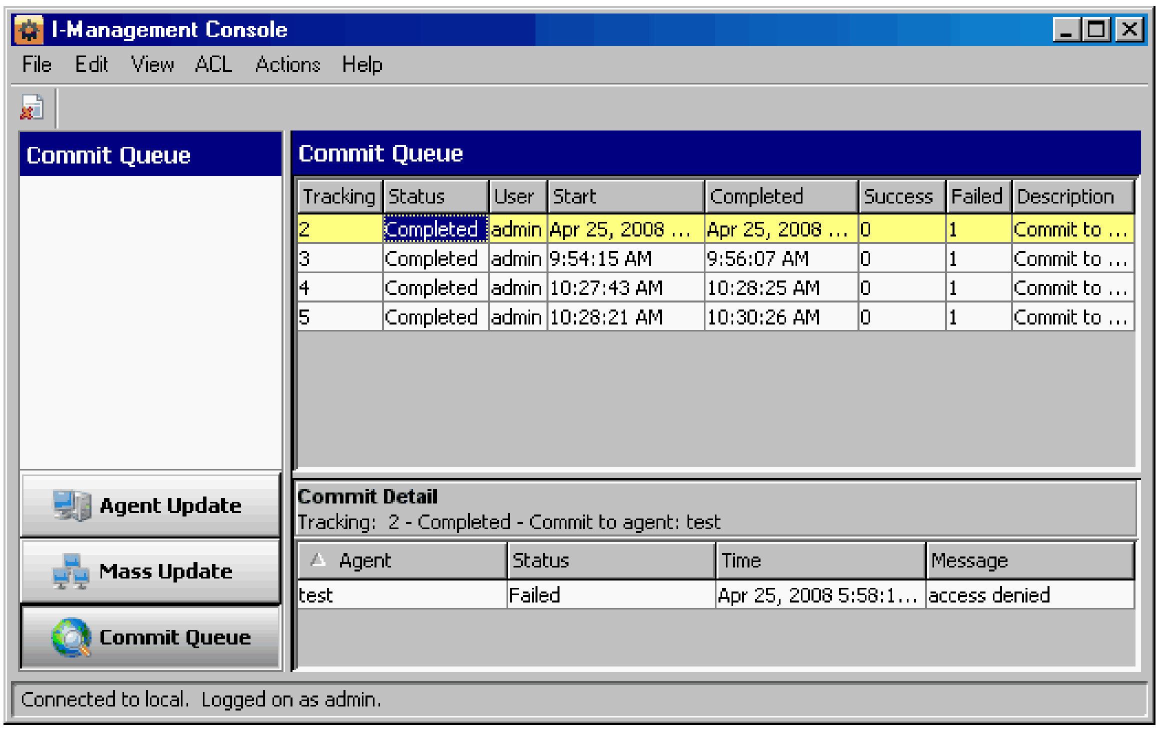
Overview

The Commit Queue application lets you view the committed configurations.

It also lets you cancel any commit that has not yet completed (see Cancelling a Commit).

Accessing Commit Queue

To access the Commit Queue application, click the **Commit Queue** panel at the bottom left corner of the I-Management Console screen. The Commit Queue screen then displays.



In addition to the Menu Bar and Tool Bar, the Commit Queue screen is comprised of two regions:

- Commit Summary provides summary information about each commit.
- Commit Detail provides detail information about a commit selected in the Commit Summary.

Commit Summary

The Commit Summary region of the Commit Queue screen displays a row of summary information for each committed configuration.

The following table describes the information in each row.

Information	Description

Tracking	Tracking number of the commit.
Status	Pending, Hold, Cancelled, or Completed.
User	User that performed the commit.
Start	Start time of the commit.
Completed	Time that the commit was either Completed or Cancelled.
Profile	Profile name (if the commit was performed through Agent Update, this field contains the Agent name).
Description	Description of the profile provided by the user at the time of the commit.
Success	Number of Agents successfully completing the commit.
Failed	Number of Agents who failed to commit.

Commit Detail

The Commit Detail region of the Commit Queue screen displays detailed information for a configuration selected in the Commit Summary region.

The following table describes this information.

Information	Description
Agent	Agent that is the target of the commit.
Status	Pending, Success, Failed, or Cancelled.
Time	Time when the commit was performed on the Agent.
Message	Informational message for a failed commit to an Agent.

Cancelling a Commit

You can cancel any commit that has not completed.

To permanently cancel a commit from completing, perform the following steps:

Step 1	Click on a row in the Commit Summary region of the Commit Queue screen.
Step 2	Select either: • **Cancel** icon from the I-Management Console tool bar. • **Cancel** from the I-Management Console menu bar / Actions menu. The status of the commit in the Commit Summary region will change to **Canceled**.

Note
If you try to cancel a commit that already has been completed, the following dialog displays.