SecureLogin Guidelines for SNMP Trapping

About This Document

This document gives information on how to use SecureLogin with Simple Network Management Protocol (SNMP) trapping to provide monitoring functionality. SecureLogin's support for SNMP allows you to choose a preferred auditing application and to integrate event monitoring into your current SNMP functionality. Event alerts are activated through SecureLogin application definitions. An understanding of application definition is useful to enable event monitoring.

Sending SNMP Alerts

You can send SNMP alerts from a client workstation to a specified console. This requires a SNMP console application on the receiving console, and the following SecureLogin files:

- `slsnmp.exe`
- `libsnmp.dll`
- `SecureLogin.mib`

These files are available to download at [SecureLogin Documentation](#) under Additional Resources. Copy the `slsnmp.exe` and `libsnmp.dll` files to the following location on the client workstation: `<local drive>\Program Files\novell\SecureLogin\`

Copy the `SecureLogin.mib` file to the SNMP management console workstation and import to decode the SNMP traps sent by SecureLogin.

Alerts are enabled in the SecureLogin application definition. The alerts are sent to the specified workstation IP address as well as the SNMP application using the SecureLogin application definition `Run` command.

Scripting for SNMP Auditing

The following examples use the Windows Notepad application but you can create an application definition to respond to the execution of almost any application and to extract additional information, such as the machine name, as an SNMP alert. The following steps can be used as an example to configure SecureLogin for SNMP auditing:

1. Identify the IP address of the receiving computer.
2. Ensure that the SNMP console is active.
3. Close the SecureLogin Client Utility if it is open.
4. Start Notepad.
5. In the notification area (system tray), right-click the SecureLogin icon, and then click **Add Application** to open Add Application Wizard.
6. Follow the on screen prompts to enable the application.
7. In the notification area (system tray), double-click the SecureLogin icon to open SecureLogin Client Utility.
8. Click **Applications**.
9. Double-click the application description. In this example, it is Untitled - Notepad. The Application pane is displayed. The application details tab will show the current application type as a Generic Wizard.
10. Click the **Definition** tab. Click **Convert to application definition** to view the script for this application definition.
11. After the `EndDialog` command, type the following:
    `Run "C:\Program Files\novell\SecureLogin\slsnmp.exe" public <IP address> "Notepad has started"`
    Note: This command sends an SNMP alert to the computer running the SNMP console application, advising that Notepad has been activated. You can set alerts for any event that SecureLogin responds to, including Change Password dialog boxes and error messages.
12. Click **OK** to save the command and to close the SecureLogin Client Utility.
13. Start Notepad. The alert is sent to the SNMP console.