

IMS Audit Management Expert for z/OS Version 1.1



Agenda

Tool Overview

- Features
- Architecture

Tool Walk Through

- Screen shots of Report UI
- Screen shots of Administration UI

• Questions



- A tool that collects and correlates data access information from the IMS and SMF Logs
- A tool that assists a company's efforts to comply with Regulatory Compliance
- Separates the roles of auditing and database administration



IMS Audit Management Expert for z/OS Features

- Saves time and effort by eliminating manual auditing processes
- Facilitates common auditing tasks
 - determining who updated a particular object
 - time frame
 - monitoring access to specific objects
- Shows a detailed analysis for any changes being monitored by IMS Audit Management Expert
- Defines various filter policies for collecting and reporting data



IMS Audit Management Expert for z/OS Features

Allows auditors to obtain information

- without being defined as IMS users
- work without extensive interaction with Data Base and System Administrators
- Auditors will not be able to directly manipulate IMS resources



Data collection

- IMS Audit Management Expert can collect and correlate many different types of information into its audit repository:
 - Access to database data sets and image copy data sets as recorded in SMF
 - Changes to databases as recorded in the IMS log
 - User access to the IMS system via SIGNON as recorded in the IMS log
 - PSB and database 'change of state' activity as recorded in the IMS log
 - System STOP and START activity as recorded in the IMS log
- IMS does not log DB GET (reads) to databases
 - The total number of reads for all DB in application will be in the accounting record, but there is no record of read only

Reporting user interface

Provides auditors with flexible options for examining the data in the audit repository

Administration user interface

- Provides administrators with flexible options
 - for user management, auditing profiles, and reporting authorizations



IMS Audit Management Expert Components

SERVER

Started task or batch job

AGENT

- Started Task or batch job
- One per IMS System to Audit

CLIENT

- Reporting Analysis GUI
- Administrator GUI
 - Windows

AUDIT REPOSITORY

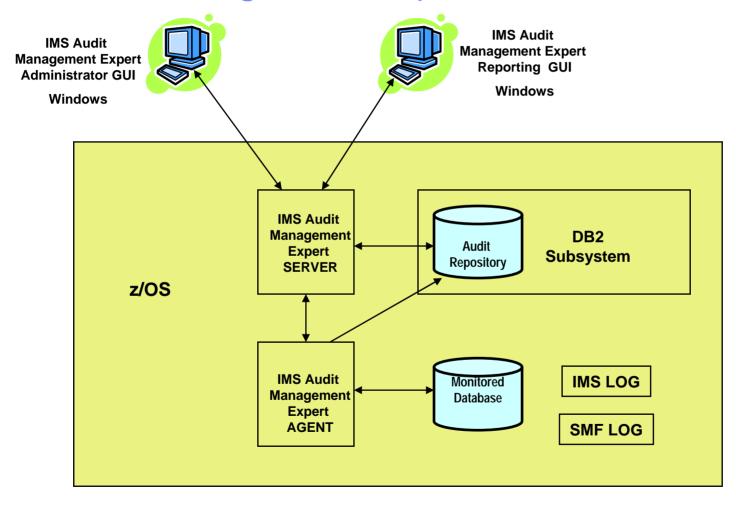
DB2 Tables and Views

PROFILE

- Defines
 - Collection Profile
 - Authorization Profile
 - User Profile



IMS Audit Management Expert Architecture



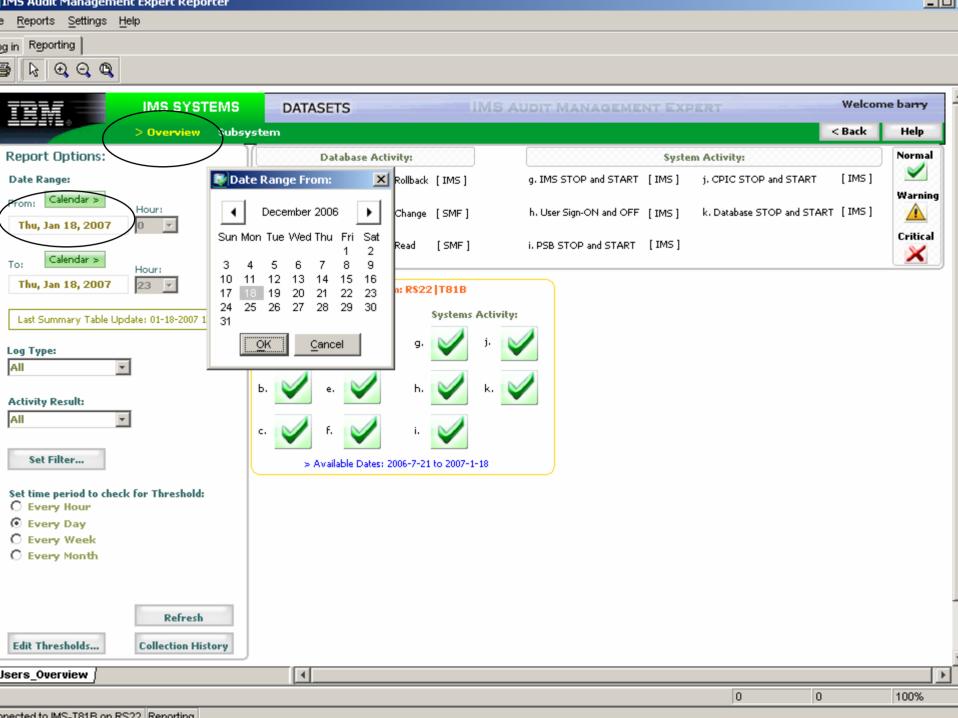


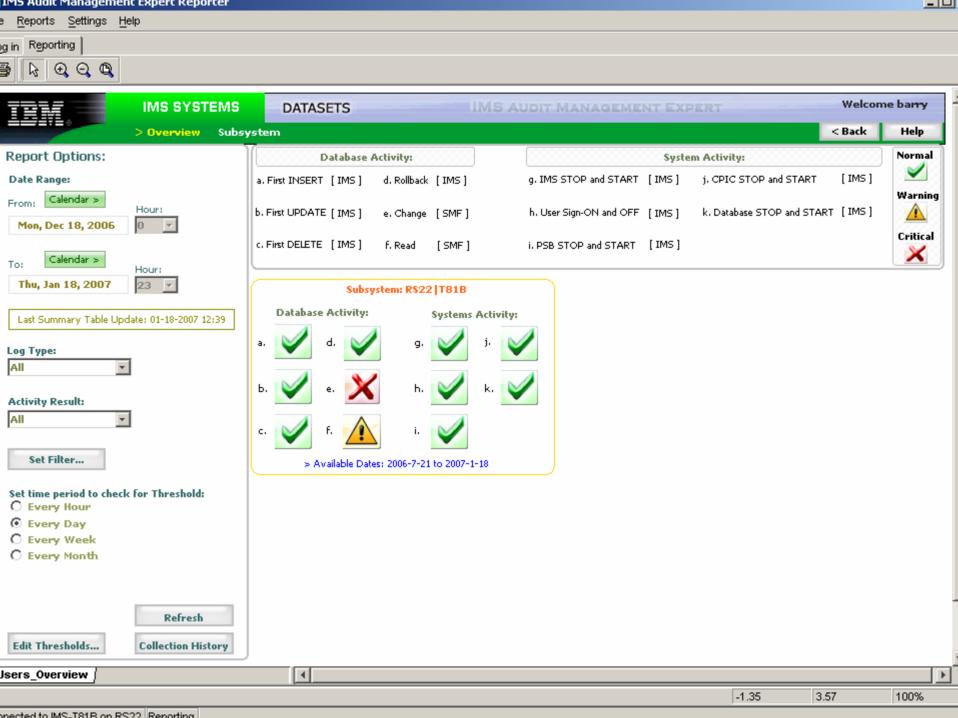
Using IMS Audit Management Expert Report UI

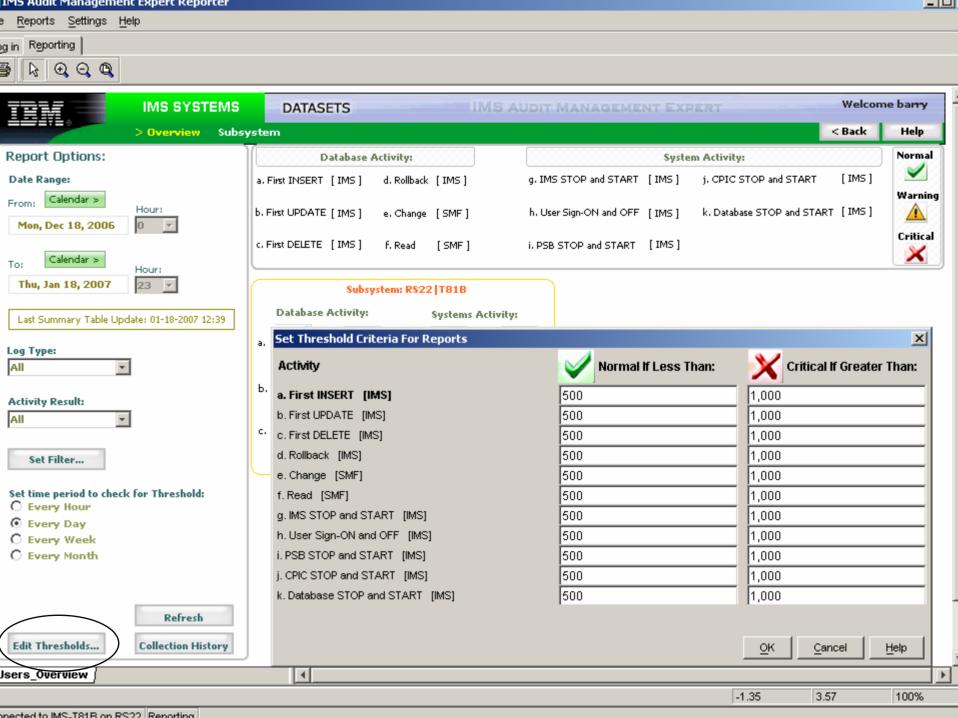


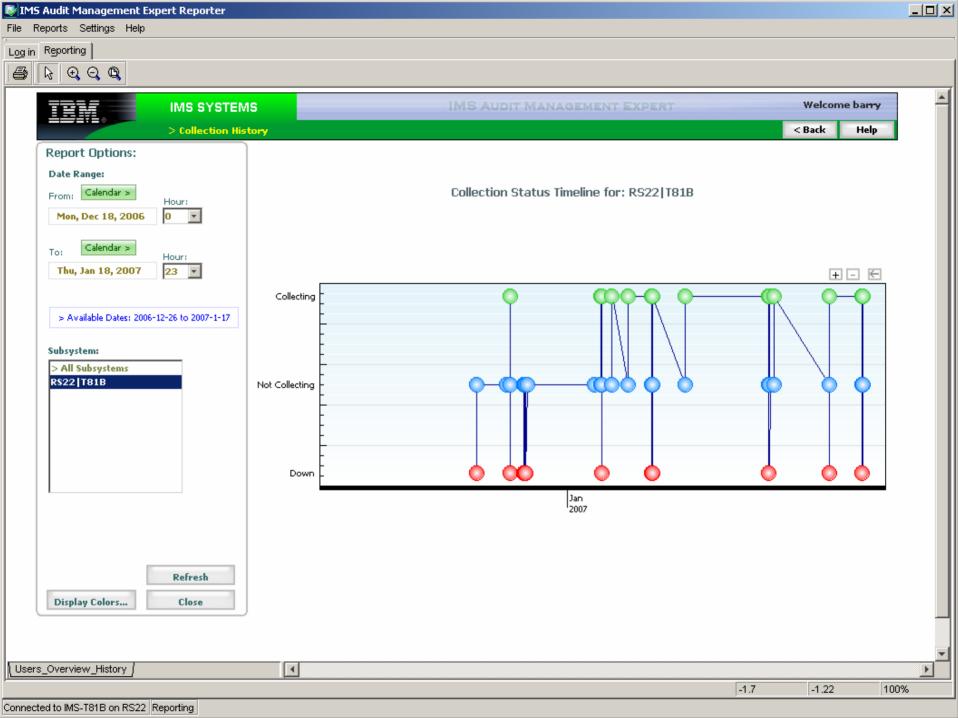
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Help

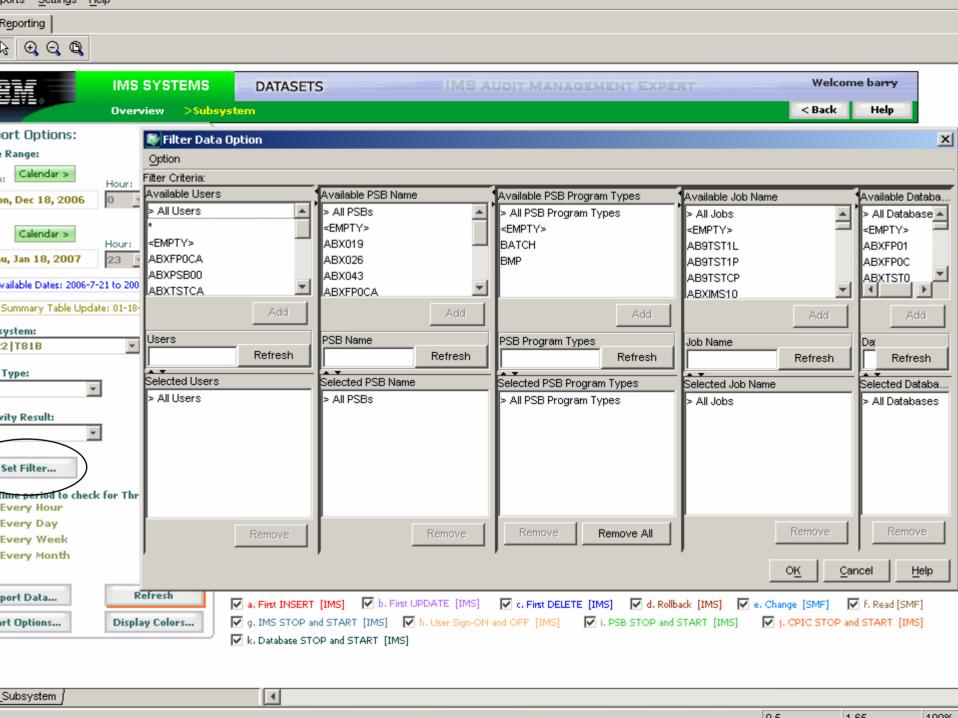




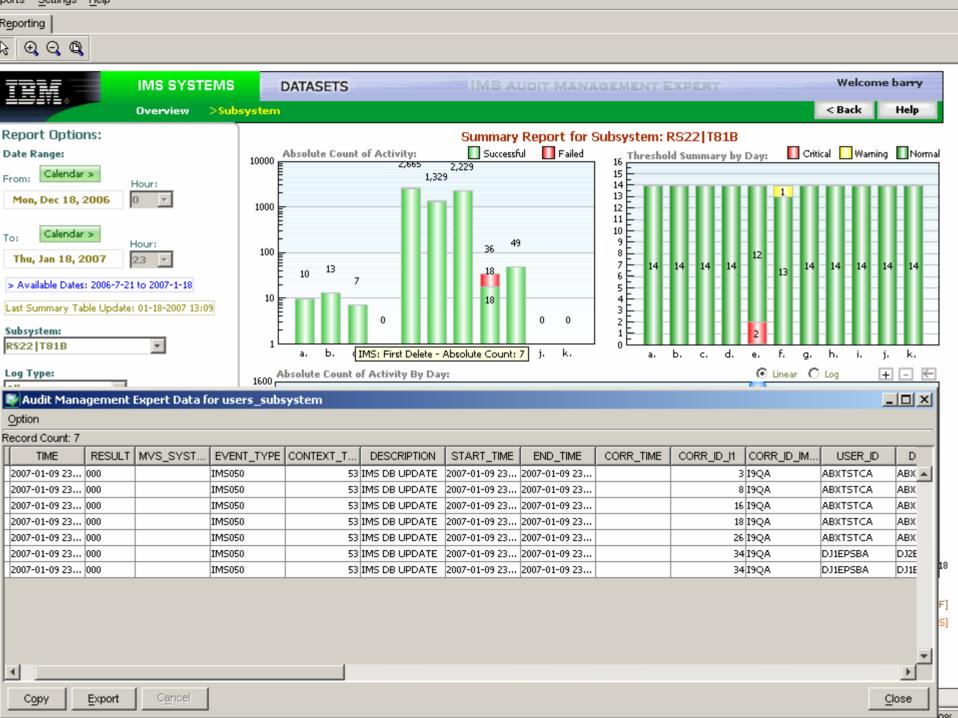


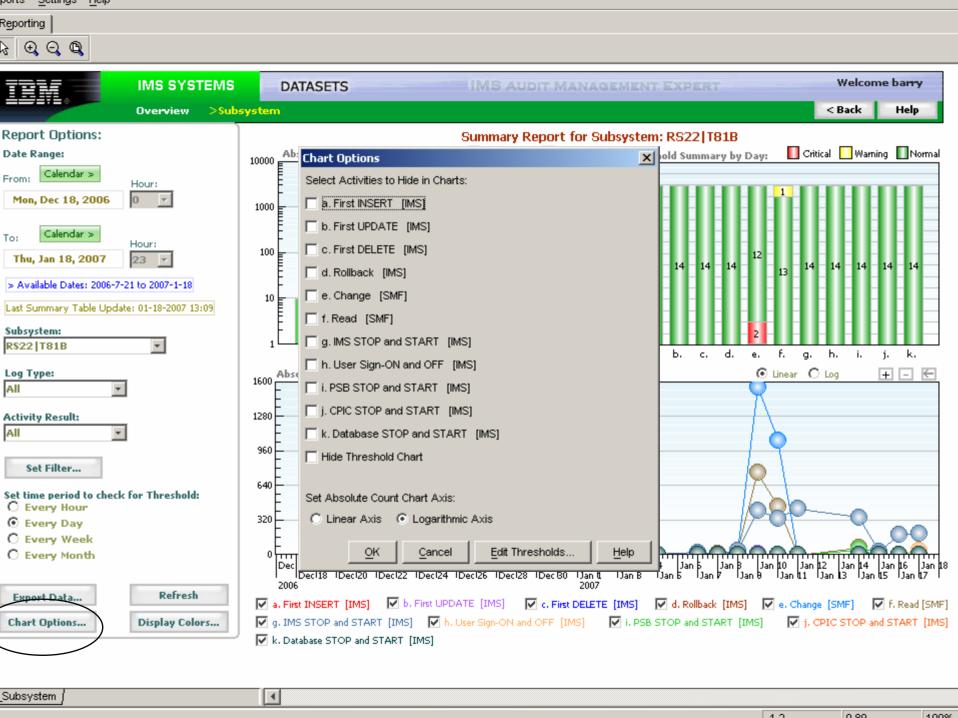










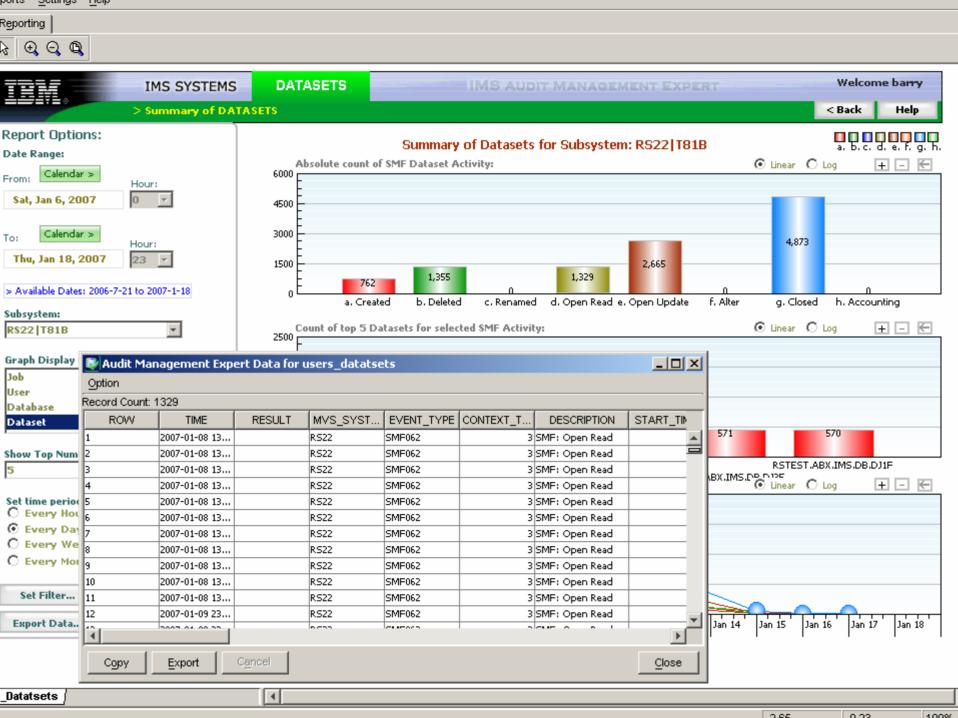












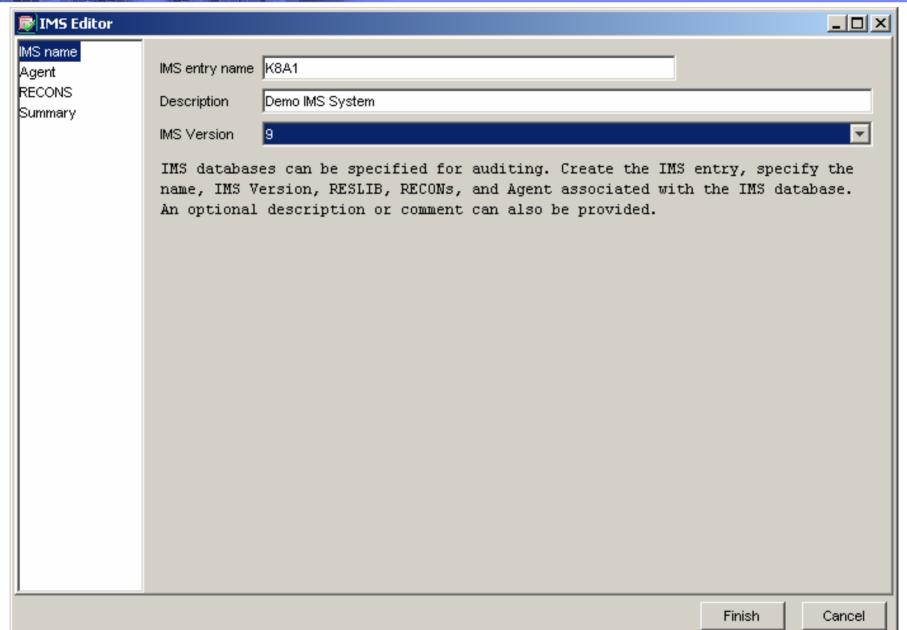


Using IMS Audit Management Expert Administration UI

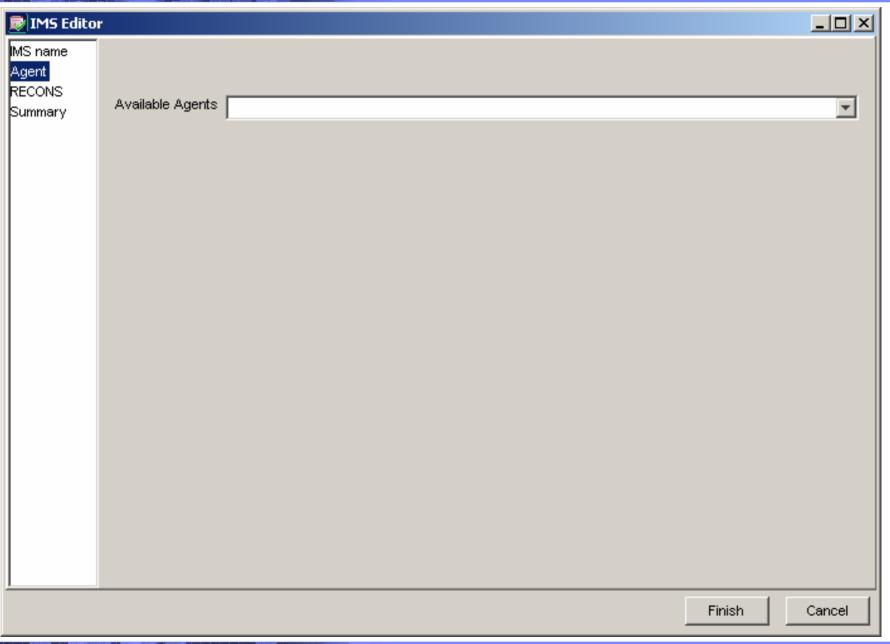


IMS Audit Management Expert Administration barry@IMS-I81A on RS01										
Users Groups MSs Agents Collection Profiles Collections Authorizations Repository										
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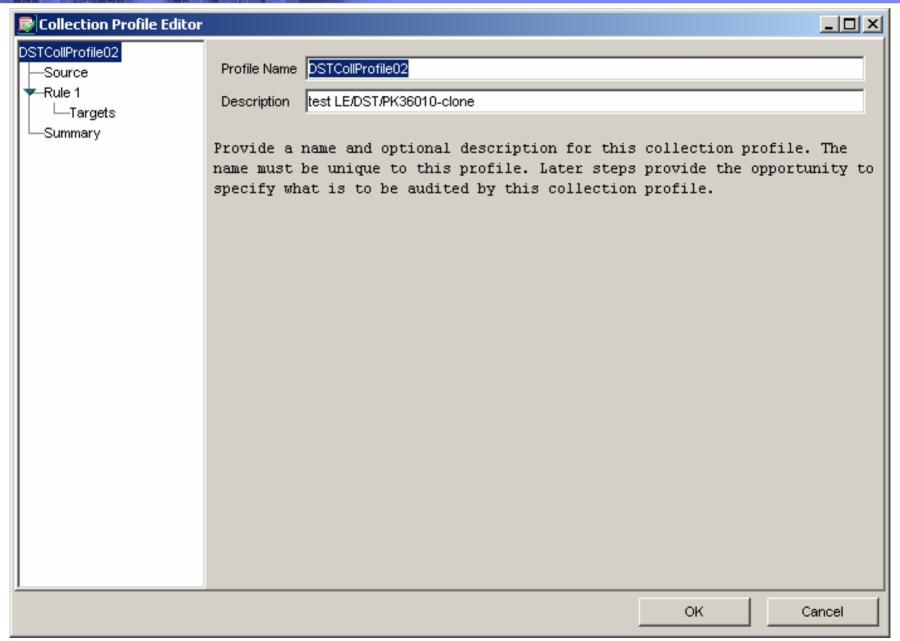




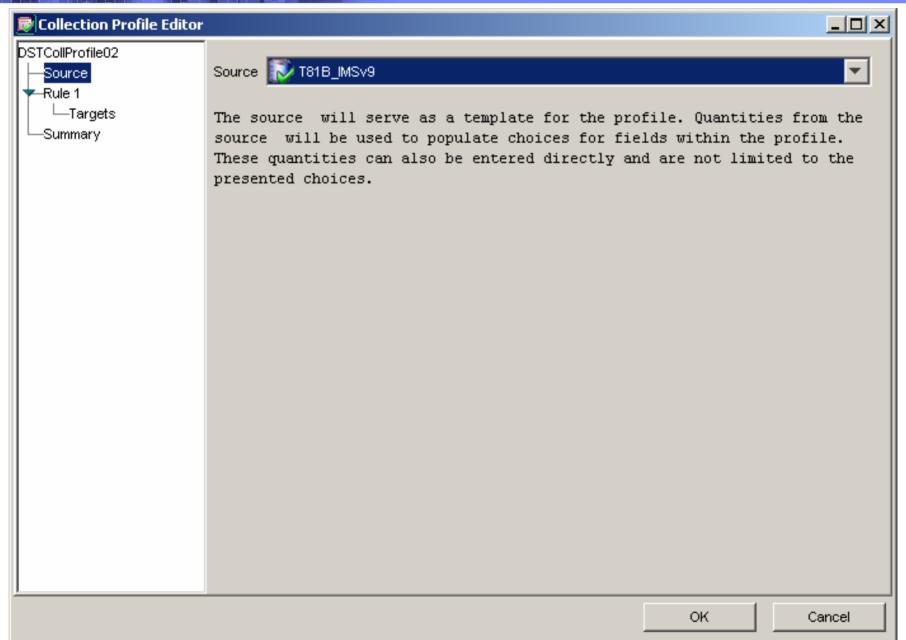


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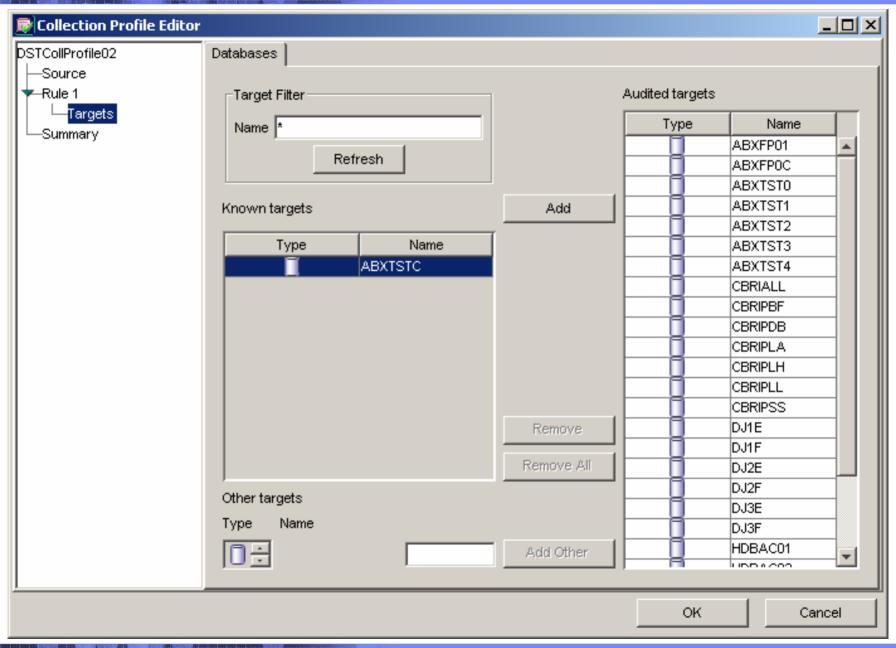






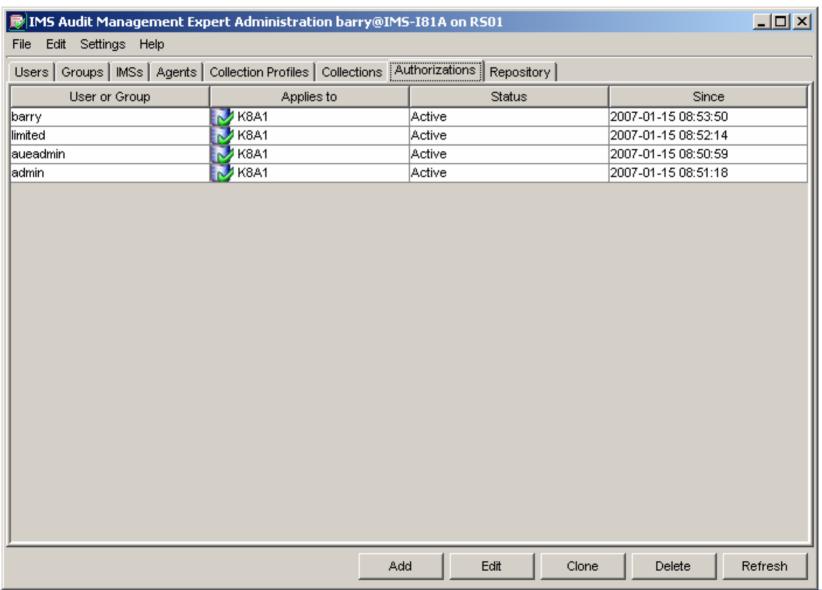








Add users to Authorizations





Questions

