Oracle® Adaptive Access Manager
Database Tables Archiving and Purging Procedure
10*g* (10.1.4.3.0)

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Contents

Introduction

This manual provides information on the purge and archive scripts on the Oracle Adaptive Access Manager Database Tables in Microsoft SQL Server 2005. The procedure to trigger the scripts and information on the verification and validation of script results are also provided.

cr_purge_tables_sqlserver.sql, cr_sp_arch_purge_tracker_data.sql, are the scripts to create Archive Tables and Stored Procedures. These scripts are to be applied on the Oracle Adaptive Access Manager Database as one time operation to create archive tables and stored procedures for scheduled scripts.

cr_archive_purge_tracker_data.sql , cr_archive_purge_rule_log.sql, cr_archive_purge_vcrypt_users.sql are the scripts to be scheduled or triggered for archiving based on database management and business requirement policies.

Objectives

The objectives of the purge and archive process are based on two categories: rule logging data and tracker data.

Rule Logging Data

- The rule log data is archived and purged according to the number of days of data retention for customer care analysis.

Tracker Data

The tracker is archived and purged based on the following assumptions:

- All user node logs that are older than a specified period will be purged first.

- The script will purge all device maps that are not used in the usernode after the usernode logs are purged.

- The script will purge all the device history that is not used in the usernode after the usernode logs are purged.

- The script will purge all the devices that are not used in the usernode after the usernode logs are purged.

Scripts

cr_purge_tables_sqlserver.sql

This sql creates the archiving tables for all the tables which will be purged during archiving and purging process. Following tables will be created.

- VR_POLICYSET_LOGS_PURGE
- VR_RULE_LOGS_PURGE
- VR_MODEL_LOGS_PURGE
- VR_POLICY_LOGS_PURGE
- VCRYPT_AUTH_ATTEMPTS_PURGE
- VCRYPT_AUTH_SESSIONS_PURGE
- VCRYPT_PIN_RETRIEVALS_PURGE
- VCRYPT_TRACKER_NODE_HISTORY_PURGE
- VCRYPT_TRACKER_NODE_PURGE
- VCRYPT_TRACKER_USERNODE_LOGS_PURGE
- VCRYPT_USER_LOGS_PURGE
- VCRYPT_USERS_PURGE
- VT_USER_DEVICE_MAP_PURGE
- V_USER_QA

cr_sp_arch_purge_tracker_data.sql

This sql script creates procedure sp_archive_purge_tracker_data. This stored procedure Archives and purges data from Tracker tables. This SQL script is to be run as one time operation on the Oracle Adaptive Access Manager Database.

Please schedule **INDEX rebuild and UPDATE Statistics using** rebuild using SQL Server Maintenance plan after the purging job is completed.

cr_archive_purge_tracker_data.sql

This sql script triggers the Stored Procedure sp_archive_purge_tracker_data created by cr_sp_arch_purge_tracker_data.sql. Triggered stored procedure takes number of days as input (set inside cr_archive_tracker_data.sql) at run time. Following tables will be archived and purged when running this script.

- VCRYPT_TRACKER_NODE_HISTORY
- VCRYPT_TRACKER_NODE
- VCRYPT_TRACKER_USERNODE_LOGS
- VT_USER_DEVICE_MAP

cr_sp_arch_purge_rules_log.sql

This sql script creates procedure sp_archive_purge_rule_log. This stored procedure Archives and purges data from Rules Engine tables. This SQL script is to be run as one time operation on the Oracle Adaptive Access Manager Database.

Please schedule **INDEX rebuild and UPDATE Statistics using** SQL SERVER Maintenance plan after purging job is completed.

cr_archive_purge_rule_log.sql

This sql script triggers the Stored Procedure sp_archive_purge_rule_log created by cr_sp_arch_purge_rules_log.sql. Triggered stored procedure takes number of days as input (set inside cr_archive_purge_rule_log.sql) at run time. Following tables will be archived and purged when running this script.

- VR_POLICYSET_LOGS
- VR_RULE_LOGS
- VR_MODEL_LOGS
- VR_POLICY_LOGS

Archive and Purge Period

Archive and purge periods are set based on business requirement specified for retention periods. Please refer to release notes for specific archive and purge periods.