SERVICE REQUEST 3619
APPLICATION RESOURCE
SECURITY MANAGER
ENHANCEMENTS
RELEASE 594

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Information Systems & Computing
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1.0 Introduction

Release 594 introduces two enhancements to Application Resource Security Manager (ARSM):

1. conjunctive access rules;
2. reports on the contents of the ARSM database.

This document describes the operational process by which conjunctive rules are maintained and ARSM reporting is accomplished.
2.0 ARSM Conjunctive Rules

The enclosed document Design Specifications for ARSM Conjunctive Rules details how to write conjunctive rules and how they are processed.

The ARSM Access Rule Maintenance screen has been enhanced to allow multiple access rules to be entered. The following considerations should be observed when writing conjunctive rules:

1. **ADD**
   a. When adding a rule with a conjunctive reference, the conjunctive rule must be added on the same screen at the same time.
   b. A new rule cannot be added which has a conjunctive reference to an existing rule.

2. **DELETE**
   a. The delete of a conjunctive rule requires the deletion of all conjunctive references to it.
   b. Deletion of conjunctive references are allowed if the conjunctive rules is being simultaneously deleted.

3. **CHANGE**
   a. Changes to add or remove conjunctive references are not allowed unless the conjunctive rule is being added or deleted simultaneously.
   b. Changing a conjunctive reference from one conjunctive rule to another is not allowed.
3.0 ARSM Reporting

Four new reports are available which will present the contents of the ARSM database. These reports are produced by running program UCARSMRP and supplying control statements which determine the reports to be produced.

Release 594 contains sample JCL for running the reports in PAY.RLSE.SAMPLJCL(UCARSMRP).

The following control statements are used to generate the reports:

RULES1 - produces "ARSM RULES BY TYPE/RULE"
RULES2 - produces "ARSM RULES BY IDENTIFIER"
GROUP1 - produces "ARSM GROUP ASSIGNMENTS BY AUTII-ID"
GROUP2 - produces "ARSM GROUP ASSIGNMENTS BY GROUP ID"
ALL - produces all reports in sequence

Control statements are keyed starting in column 1. Each control statement is on a separate line. They can be entered in any order.

Samples of ARSM reports are attached to this document.
<table>
<thead>
<tr>
<th>Data</th>
<th>Rule</th>
<th>Identifier</th>
<th>Priority</th>
<th>Privilege</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>888268</td>
<td>View</td>
<td>0000</td>
<td>0000</td>
<td>Pay</td>
<td>Pay/Buy</td>
</tr>
<tr>
<td>660101</td>
<td>View</td>
<td>0000</td>
<td>0000</td>
<td>Pay</td>
<td>Pay/Buy</td>
</tr>
<tr>
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<td>5000</td>
<td>0000</td>
<td>Pay</td>
<td>Pay/Buy</td>
</tr>
<tr>
<td>2000000320000010</td>
<td>Update</td>
<td>5000</td>
<td>0000</td>
<td>Pay</td>
<td>Pay/Buy</td>
</tr>
<tr>
<td>200000000002000010</td>
<td>View</td>
<td>1000</td>
<td>0000</td>
<td>Pay</td>
<td>Pay/Buy</td>
</tr>
<tr>
<td>11111</td>
<td>View</td>
<td>0000</td>
<td>0000</td>
<td>Pay</td>
<td>Pay/Buy</td>
</tr>
<tr>
<td>660101</td>
<td>DStop</td>
<td>0000</td>
<td>0000</td>
<td>Pay</td>
<td>Pay/Buy</td>
</tr>
</tbody>
</table>

END OF REPORT.