

**MicroStrategy**

**AQ**

**Intelligent Enterprise Scripts**

**AQ – List Security Roles per User**

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**MicroStrategy**

**Corporate Headquarters**

**1850 Towers Crescent Plaza  
Tysons Corner, VA 22182**http://www.microstrategy.com/graphics/icons/icon_sol_phone.gif**703.848.8600**Description: http://www.microstrategy.com/graphics/icons/paper.gif**703.848.8610**

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## What does the script do?

ResultSet USERS = executeCapture("LIST MEMBERS FOR USER GROUP \"Everyone\";"); //Put whatever group to query here

USERS.moveFirst();

while(!USERS.isEof()){

ResultSet member=(ResultSet)USERS.getFieldValue(MEMBER\_RESULTSET);

member.moveFirst();

//go through each members in the group

while(!member.isEof()){

String sUserName = member.getFieldValueString(LOGIN);

ResultSet oProjectList = executeCapture("LIST ALL PROJECTS;");

oProjectList.moveFirst();

while (!oProjectList.isEof()) {

String sProject = oProjectList.getFieldValueString(NAME);

String status = oProjectList.getFieldValueString(PROJECT\_STATUS\_2);

//check if this project is loaded or not.

//we do not process projects that are not 'loaded' status

if (status != null && status.equalsIgnoreCase("Loaded")) {

String sQuery = "LIST ALL SECURITY ROLES FOR USER \"" + sUserName + "\" IN PROJECT \"" + sProject +"\";";

ResultSet oResultSet = executeCapture(sQuery);

oResultSet.moveFirst();

while(!oResultSet.isEof()){

ResultSet sSecurityRole = (ResultSet)oResultSet.getFieldValue(SECURITY\_ROLE\_LIST);

sSecurityRole.moveFirst();

while(!sSecurityRole.isEof()){

String sName = sSecurityRole.getFieldValueString(NAME);

printOut(sUserName + " ; " + sProject + " ; " + sName);

sSecurityRole.moveNext();

}

oResultSet.moveNext();

}

// int sCount = oResultSet.getRowCount();

}

oProjectList.moveNext();

}

member.moveNext();

}

USERS.moveNext();

}

The script lists all the security roles for all the active user accounts in the system.

## When does the script run?

The script is scheduled to run once bi-weekly in all AQDT environments.

## What is the need for the script?

This script ensures a secure environment making sure that the key security roles are not assigned to normal users. This keeps the security compliance in place and the administrators can monitor the environment effectively.

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