

**MicroStrategy**

**AQ**

**Intelligent Enterprise Scripts**

**AQ – List Empty User Groups**

Description: Description: Description: Description: Description: cid:image001.gif@01C6C118.21D08F50

**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**

Table of Contents

[1. What does the script do? 3](#_Toc27127625)

[2. When does the script run? 3](#_Toc27127626)

[3. What is the need for the script? 3](#_Toc27127627)

## What does the script do?

ResultSet oUserGroupList = executeCapture("LIST ALL USER GROUPS;");

printOut(oUserGroupList.getRowCount());

oUserGroupList.moveFirst();

while (!oUserGroupList.isEof()) {

String sUserGroupName = oUserGroupList.getFieldValueString(NAME);

String sQuery = "LIST ALL PROPERTIES FOR USER GROUP \"" + sUserGroupName +"\";";

ResultSet oResult = executeCapture(sQuery);

oResult.moveFirst();

while(!oResult.isEof()){

int sGroupCount = (int)oResult.getFieldValue(TOTAL\_GROUP\_MEMBER\_COUNT);

if (sGroupCount ==0) {

printOut(sUserGroupName);

}

oResult.moveNext();

}

oUserGroupList.moveNext();

}

The script counts all the user groups in the environment and gives the total number of user groups for a given environment. It will extract each user group properties and counts for the numbers of users in each of the user group. If the user group count is 0, then the user groups are listed in the output which can be further reviewed by the administrator and deleted through command manager scripts.

## 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 clean environment in the system. Removing user groups that are empty could resolve the conflicts with other collaboration groups/data security groups with a better performance and clean metadata.

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Date | Version | Change description |
| Shruthi Mulagada | 11/26/2019 | 1.1 | Document creation |
|  |  |  |  |
|  |  |  |  |