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## How To Query On The Group List Field

**Action Request System Version 3.2.1**

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**Title:**

*How To Query On The Group List Field*

**Category:**

*Use knowledge-input category menu*

**Keyword(s)**

*Group, List, Fields, Query*

**Problem: (Short Description)**

*How do I query the Group List field on the User schema?*

**Problem: (Long Description)**

*How do I query the Group List field on the User schema?*

**OS Version:**

*All*

**Reference:**

*N/A*

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## Solution Overview:

*A number of customers have asked about querying on the Group List field of the User schema. They want to do this to find all Administrators, or to find all users in a specific group.*

*Unfortunately you cannot query on the Group List field using the names of groups, but you can query using the group ids.*

*The format of the string is as follows:*

*#: #; #;*

*The field may be empty, it may contain a single group reference or it may contain multiple group references. Depending on how the data is entered into the string, it may or may not contain spaces between the semicolons.*

*Solution Steps:*

- 1) Find entries that start with the desired id followed by the semicolon separator followed by anything else. This will find cases where the group you are looking for is the first on in the list (unless there is a lead space where clause 2 finds it).*
- 2) Find entries where there is anything followed by a space followed by the id you are looking for followed by the semicolon separator followed by anything else. This will find all cases where the group you are looking for is not the first on the list, but is one of the later items on the list. The space before the number is significant as that insures that you don't match 11, 21, 31,....., etc. with this query.*
- 3) Find entries where there is anything followed by a semicolon separator followed by the id you are looking for followed by another semicolon separator*

*Consider the following:*

*Assuming that `Group List` is the name of the field and we are searching for Administrator users, you would enter the following on the Query Bar:*

```
`Group List' LIKE `1;%' OR `Group List' LIKE `% 1;%' OR `Group List' LIKE  
`%;1;%'
```

*Note1: If you wanted to search for users in a different group, simply replace the 1 in the query with the group id of the alternate group.*

*Note2: The '%' in a query is used to denote a wildcard.*

## **Conclusion:**

**This query should produce consistent results for you and should find all users who are members of a particular group.**

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