

IBM Security QRadar
Version 7.1.0 (MR1)

Using QID Map Technical Note



Note: Before using this information and the product that it supports, read the information in [Notices and Trademarks](#) on [page 9](#).

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MANAGING USER-DEFINED QID MAP ENTRIES

The *IBM Security QRadar SIEM* Identifier (QID) map provides the association or mapping of an event of an external device to a unique identifier (QID). You can use the QID map utility to create, export, import, or modify user-defined QID map entries.

Unless otherwise noted, all references to QRadar SIEM refer to QRadar SIEM, IBM Security QRadar Log Manager, and IBM Security QRadar Network Anomaly Detection.

This document includes the following topics:

- [Using the Utility](#)
- [Creating a QID Map Entry](#)
- [Modifying a QID Map Entry](#)
- [Importing QID Map Entries](#)
- [Exporting QID Map Entries](#)

Using the Utility

The utility provides the following options:

```
qidmap_cli.sh [-l|-c|-m|-i[-f <filename>]|-e[-f <filename>]|-d]
```

The following table describes the utility options:

Table 1-1 QID Map Utility Options

Options	Description
-l	Lists the low-level category.
-c	Creates a new QID map entry.
-m	Modifies an existing user-defined QID map entry.
-i	Imports QID map entries.
-e	Exports existing user-defined QID map entries.
-f <filename>	If you include the -i or -e option, allows you to type a file name to import or export QID map entries.

Table 1-1 QID Map Utility Options (continued)

Options	Description
-d	If you include the -i or -e option, allows you to type a delimiter for the import or export file. The default is a comma.
-h	Display the help options.

Creating a QID Map Entry

To create a QID map entry:

Step 1 Using SSH, log in to QRadar SIEM as the root user:

Username: **root**

Password: **<password>**

Step 2 To locate the appropriate low-level category for the QID map entry you want to create, type the following command:

```
/opt/qradar/bin/qidmap_cli.sh -l
```

If you want to search for a particular low-level category, you can use the grep command to refine the results:

```
/opt/qradar/bin/qidmap_cli.sh -l | grep <text>
```

The list of low-level categories is displayed.

Step 3 Type the following command:

```
qidmap_cli.sh -c --qname <name> --qdescription <description>
--severity <severity> --lowlevelcategoryid <ID>
```

The following table provides the utility options:

Table 1-2 Create QID Map Utility Options

Options	Description
-c	Creates a new QID map entry.
--qname <name>	Type the name you want to associate with this QID map entry. The name can be up to 255 characters in length, with no spaces.
--qdescription <description>	Type a description for this QID map entry. The description can be up to 2048 characters in length with no spaces.
--severity <severity>	Type the severity level you want to assign to this QID map entry. The valid range is 0 to 10.
--lowlevelcategoryid <ID>	Type the low-level category ID you want to assign to this QID map entry. For more information on low-level categories, see the <i>IBM Security QRadar SIEM Administration Guide</i> .

Modifying a QID Map Entry

To modify an existing user-defined QID map entry:

Step 1 Using SSH, log in to QRadar SIEM as the root user:

Username: **root**

Password: **<password>**

Step 2 Type the following command:

```
qidmap_cli.sh -m --qid<QID> --qname <name> --qdescription
<description> --severity <severity>
```

The following table provides the utility options:

Table 1-3 Modify QID Map Utility Options

Options	Description
-m	Modifies an existing user-defined QID map entry.
--qid<QID>	Type the QID that you want to modify.
--qname <name>	Type the name you want to associate with this QID map entry. The name can be up to 255 characters in length with no spaces.
--qdescription <description>	Type a description for this QID map entry. The description can be up to 2048 characters in length with no spaces.
--severity <severity>	Type the severity level you want to assign to this QID map entry. The valid range is 0 to 10.

Importing QID Map Entries

Using the QID map utility, you can import QID map entries from a .txt file.

To import QID map entries:

Step 1 Create a .txt file that includes the user-defined QID map entries you want to import. Make sure each entry in the file is separated using a comma. Choose one of the following options:

- If you want to import a new list of user-defined QID map entries, create the file using the following format for each entry:

```
,<name>,<description>,<severity>,<category>
```

For example:

```
,buffer,buffer_QID,7,18401
```

```
,malware,malware_misc,8,18403
```

- If you want to import an existing list of user-defined QID map entries, create the file using the following format for each entry:

```
<qid>,<name>,<description>,<severity>
```

For example,

```
2000002,buffer,buffer_QID,7
2000001,malware,malware_misc
```

The following table provides the import options:

Table 1-4 Import QID Map Utility Options

Options	Description
<qid>	This option is required if you want to import an existing exported list of QID entries. Type the existing QID for the entry. If you want to import new QID entries, do not use this option. The QID map utility assigns an identifier (QID) for each entry in the file.
--qname <name>	Type the name you want to associate with this QID map entry. The name can be up to 255 characters in length.
--qdescription <description>	Type a description for this QID map entry. The description can be up to 2048 characters in length.
--severity <severity>	Type the severity level you want to assign to this QID map entry. The valid range is 0 to 10.
--lowlevelcategoryid <ID>	Type the low-level category ID you want to assign to this QID map entry. For more information on low-level categories, see the <i>IBM Security QRadar SIEM Administration Guide</i> . This option is only necessary if you want to import a new list of QID entries. Type the existing QID for the entry.

Step 2 Save and exit the file.

Step 3 Using SSH, log in to QRadar SIEM as the root user:

Username: **root**

Password: **<password>**

Step 4 To import the QID map file, type the following command:

```
/opt/qradar/bin/qidmap_cli.sh -i -f <filename.txt>
```

Where **<filename>** is the directory path and name of the file that contains the QID map entries. If any of the entries in the file cause an error, none of the entries in the file are enforced.

Exporting QID Map Entries

Using the QID map utility, you can export user-defined QID map entries to a .txt file.

To export user-defined QID map entries:

Step 1 Using SSH, log in to QRadar SIEM as the root user:

Username: **root**

Password: **<password>**

Step 2 To export the QID map file, type the following command:

```
/opt/qradar/bin/qidmap_cli.sh -e -f <filename.txt>
```

Where <filename> is the directory path and name of the file you want to contain your QID map entries.

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NOTICES AND TRADEMARKS

What's in this appendix:

- [Notices](#)
- [Trademarks](#)

This section describes some important notices, trademarks, and compliance information.

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