



PowerPack Quality Tool Documentation

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Chapter

1

Overview

What is PowerPack Quality Tool?

PowerPack Quality Tool is a PowerPack testing tool that helps keep PowerPack releases clean. It is integrated into the SL1 pipeline and allows users to test PowerPacks prior to QA review. The tool's generated reports can be used by QA engineers and developers to ensure the quality of PowerPack releases.

What Does PowerPack Quality Tool Include?

PowerPack Quality Tool's testing capabilities include:

- **Alert Validation** - Checks for issues that may cause alerts to fail.
- **Content Standards** - Ensures the quality of descriptions for objects, copyright notices, etc.
- **Unit Tests** - Evaluates settings within a PowerPack that may cause problems.

Chapter

2

Using the PowerPack Quality Tool

Installing

1. Download the PowerPack Quality Tool from the [ScienceLogic Support Site](#).
2. Install Docker image.

```
$ docker load -i <FILENAME>
```

Example:

```
$ docker load -i powerpack_quality_tool_1.0.0.tar.gz
```

3. Check image is installed. Note <REPOSITORY> and <TAG> values.

```
$ docker images
```

REPOSITORY	TAG	IMAGE ID
powerpack-quality-tool	1.0.0	e65869419576

Running

1. Run new container from installed image.

```
$ docker run -p 8000:8000 <REPOSITORY>:<TAG>
```

Example:

```
$ docker run -p 8000:8000 powerpack-quality-tool:1.0.0
```

2. Visit <http://localhost:8000/>.

Note

If running on a non-local VM, you should access it through the IP of that VM on port 8000.

Using

Once you are at the PowerPack Quality Tool page, you can upload a PowerPack by dragging it into the box on screen or by clicking the button that says **[Drop files here to upload]** and selecting the PowerPack file. The PowerPack Quality Tool will then read through your PowerPack and prepare your reports.

Once the PowerPack Quality Tool has finished preparing your reports, you will see the summary screen. From the summary screen can select the icon(s) for various report types as well as follow links to the documentation. From within the Standards Tests and the Unit Tests reports, you can click on any test description to be taken to the test definition in the documentation.