

# Qlik Scalability Tools

What, why, and how to use these tools for better,  
faster discovery across your enterprise

## TABLE OF CONTENTS

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Introduction	2
Qlik Scalability Tools	2
1. Load/Performance Testing	2
2. Regression Testing	3
3. Pre-Caching	4
4. Hardware Benchmarking	4
5. Publisher Analyzer	5
6. Scalability Results Analyzer	5
7. App Evaluator	5
Availability	6

## INTRODUCTION

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You can be sure our products will work, and work well, in your enterprise. That's because we give you access to our Qlik® Scalability Tools. These tools are designed by our Scalability Center, which is responsible for testing the performance and scalability of all of our products. Download our Scalability Tools for free from the Qlik Community to confidently plan and maintain your Qlik deployment.

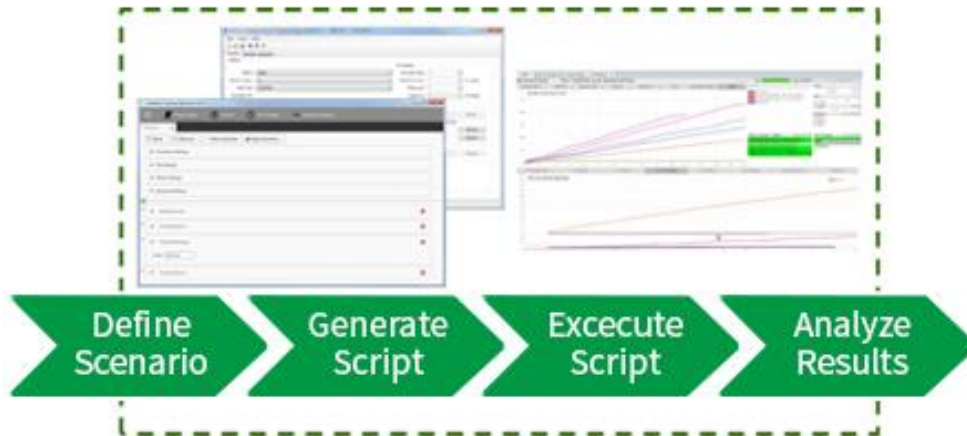
### Qlik Scalability Tools

Our Qlik Scalability Tools are a collection of tools, processes, and packages for you to test the capabilities of seven different functions that are important to enterprise deployments:

#### 1. Load/Performance Testing

- Our load client and performance tools simulate how your users work with applications so you can better understand performance and scalability challenges.
- When you initially size your hardware or plan a hardware expansion, you can use our tools to check your resource consumption and identify the best deployment configurations.
- When you deploy an application, our tools can help you identify the right application designs from a scaling and performance perspective. In test-driven development, for example, our tools can be part of your acceptance test procedures.

Our load/performance testing is based on sequences of actions that your users are likely to perform. Once you define a sequence, you can iterate on it or execute it in parallel to emulate your desired scenario. You can also tailor tests using our tools' various test set up and execution options.



Reference these articles to learn more:

- For QlikView®: <http://community.qlik.com/t5/Qlik-Scalability/QV-Scalability-Tools-QV10-QV11-QV12/gpm-p/1486942#M1175>
- For Qlik Sense®: <http://community.qlik.com/t5/Qlik-Scalability/Qlik-Sense-Scalability-Tools/gpm-p/1490846#M1348>

## 2. Regression Testing

Our regression testing tool allows you to compare and analyze differences in result sets that older and newer versions of our Qlik products, data models, and/or expressions deliver. This can show you where changes are impacting performance.

Reference these articles to learn more:

- For QlikView: Part of our load/performance testing tools (see above)
- For Qlik Sense: Part of our load/performance testing tools (see above)

### 3. Pre-Caching

Our pre-caching process triggers certain application selections and actions to cache their calculations. This process can save your users valuable time because fetching data from the cache is much faster than having your users perform the calculations they need when they first enter the system. Pre-caching creates a single user script triggering the actions you want to have pre-calculated.

Reference these articles to learn more:

- For QlikView: <http://community.qlik.com/t5/Qlik-Scalability/Quick-tips-15-Pre-caching-with-JMeter/gpm-p/1482964#M1092>
- For Qlik Sense: <http://community.qlik.com/t5/Qlik-Scalability/Pre-caching-in-Qlik-Sense/gpm-p/1477822#M1073>

### 4. Hardware Benchmarking

The hardware benchmarking package included in our Qlik Scalability Tools collects and compares information about how Qlik products perform in different environments. You can use this package to verify that certain whitelisted hardware is optimally configured. You can also use it to compare the performance of a non-whitelisted server to a whitelisted server of corresponding size.

Reference these articles to learn more:

- For QlikView 11: <http://community.qlik.com/t5/Qlik-Scalability/QlikView-11-Hardware-Benchmarking-Package/gpm-p/1492879#M1467>
- For QlikView 12: <http://community.qlik.com/t5/Qlik-Scalability/QlikView-12-Hardware-Benchmarking-Package/gpm-p/1478647#M1078>
- For Qlik Sense: Part of our load/performance testing tools (see above)

## 5. Publisher Analyzer

Our Publisher Analyzer tool is a QlikView application for analyzing reloads on Publisher nodes. It helps you understand your resource consumption.

Reference these articles to learn more:

- For QlikView: <http://community.qlik.com/t5/Qlik-Scalability/Publisher-Analyzer-Tool/gpm-p/1495298#M1519>
- For Qlik Sense: Not available yet

## 6. Scalability Results Analyzer

The Scalability Results Analyzer is a package of QlikView documents that helps you analyze QlikView and Qlik Sense performance test results.

Reference this article to learn more: <http://community.qlik.com/t5/Qlik-Scalability/Scalability-Results-Analyzer/gpm-p/1493648#M1497>

## 7. App Evaluator

You use our App Evaluator tool during your quality assurance process to evaluate Qlik Sense applications before you deploy them into your production environment. In addition to blocking low-performing applications, App Evaluator helps you determine how to improve and deploy your applications so your users enjoy the best possible experience.

Reference this article to learn more for Qlik Sense: Qlik Sense: Part of our load/performance testing tools (see above)

## Availability

Our Scalability Tools currently support these versions of QlikView and Qlik Sense:

- QlikView 10 and later
- Qlik Sense 2017 and later (legacy packages for Qlik Sense 2.x and 3.x are also available)

The Qlik Scalability Tools are updated on a regular basis. You can learn more about our Scalability Tools in Qlik Community.



### About Qlik

Qlik is on a mission to create a data-literate world, where everyone can use data to solve their most challenging problems. Only Qlik's end-to-end data management and analytics platform brings together all of an organization's data from any source, enabling people at any skill level to use their curiosity to uncover new insights. Companies use Qlik products to see more deeply into customer behavior, reinvent business processes, discover new revenue streams, and balance risk and reward. Qlik does business in more than 100 countries and serves over 48,000 customers around the world.

[qlik.com](https://www.qlik.com)

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