

**Supergeo**<sup>®</sup>

Supergeo Technologies Inc.

staff@supergeotek.com | www.supergeotek.com

## Performance Test Report of SuperGIS Server Co-editing

**2016.04**

SuperGIS Server supports multiple users to edit the same service simultaneously. This report illustrates the performance of SuperGIS Server co-editing.

### Scenario

This test simulates 300 users editing the same layer in the same service repeatedly within 3 minutes. The data used in this service is stored in a Microsoft SQL Server, and there are near 150 thousands of features in the layer. Each user follows the following edit work flow: Click the target feature -> edit the feature for 90 seconds -> save edit -> find next target feature for 20 seconds.

The tested server environment is described as:

- Operating System: Windows Server 2012 64bit
- Processor: Intel® Core™ i5-4570 CPU @ 3.20GHz 3.19 GHz
- RAM: 2 GB
- Software: SuperGIS Server 3.2.0010

### Report Summary

- Total requests: 609
- Response rate: 100%
- Average response time: 4.5 seconds

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## Full Report

### Test Settings

Start: 4/8/2016 15:14:24  
Warm up: 30 seconds  
Duration: 180 seconds  
Cool down: 10 seconds  
Virtual clients: 300

### Time Analysis

Report Title	Time to First Byte (Min)	Time to First Byte (Max)	Time to First Byte (Avg)	Time to Last Byte (Min)	Time to Last Byte (Max)	Time to Last Byte (Avg)
Total	0.005 s	50.475 s	4.511 s	0.005 s	50.475 s	4.511 s

### Response Time Analysis

Report Title	Avg	Min	1%	5%	25%	50%	75%	95%	99%	Max
Time to first byte	4.511 s	0.005 s	0.005 s	0.006 s	0.006 s	0.007 s	0.02 s	43.648 s	45.696 s	50.475 s
Time to last byte	4.511 s	0.005 s	0.005 s	0.006 s	0.006 s	0.007 s	0.02 s	43.648 s	45.696 s	50.475 s

### Request/Response Statistics

Report Title	Transactions	Requests	SSL Requests	Responses	SSL Responses	Redirects
Total	300	609	0	609	0	0

### HTTP Status Codes

Report Title	200 OK
Total	609

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**Full Report (continued)****Transaction Statistics**

Report Title	Executed	Bytes Sent	Bytes Received	Requests	SSL Requests	Responses	SSL Responses	Errors	Time to First Byte (Avg)	Time to Last Byte (Avg)
Default Web Site Homepage	300	113820	89739	333	0	333	0	0	0.015 s	0.015 s

**Errors**

Report Title	Connect Errors	Send Errors	Receive Errors	Parsing Errors	Unexpected Status Codes
Total	0	0	0	0	0