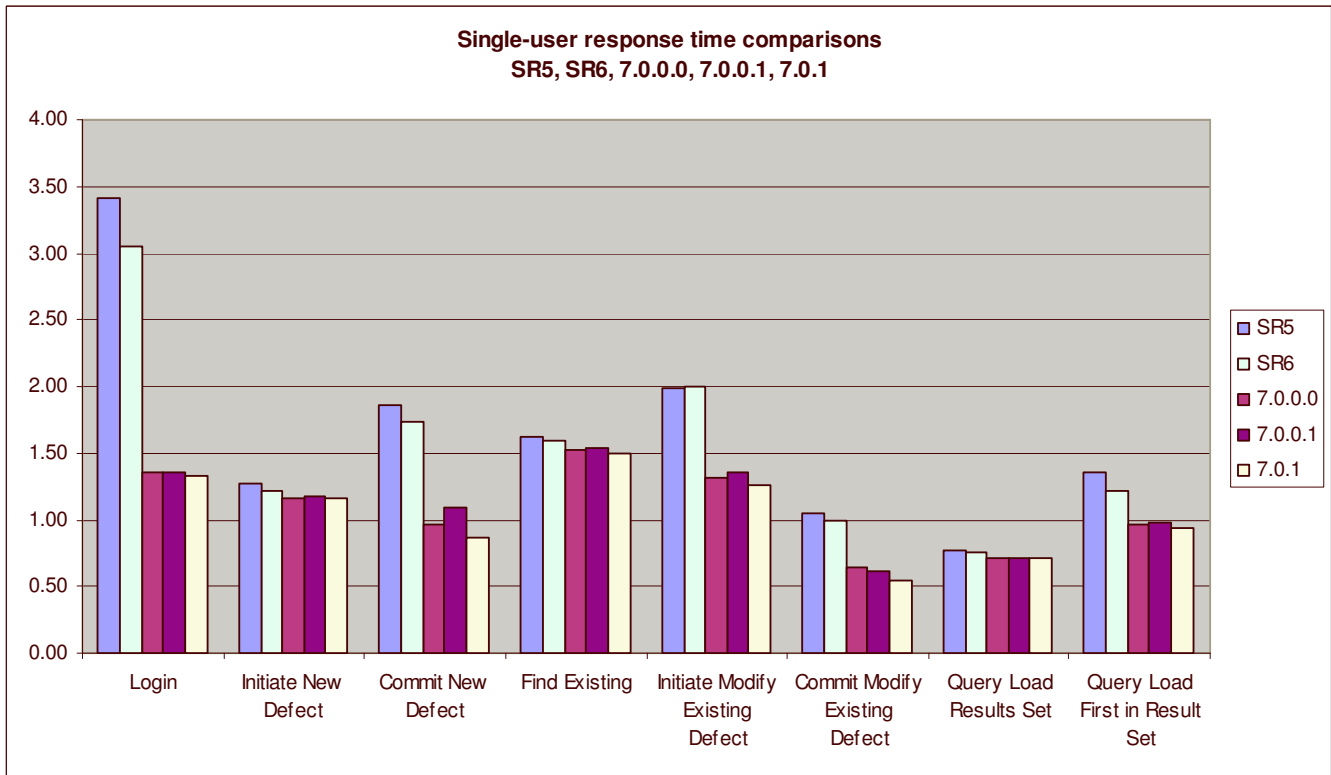


## IBM Rational ClearQuest® 7.x Web Windows Performance Comparisons with 2003.06.15 (SR5) and 2003.06.16 (SR6) using SQL Server 2000



### Test Description

The ClearQuest Web server (dual 2.4 GHz Xeon 2GB RAM, Windows 2000 Advanced Server SP4) was configured without SSL encryption and as a single machine configuration containing both the Rational Web Platform and ClearQuest Web components. The Database server (dual 2.4 GHz Xeon 2GB RAM Windows 2000 Advanced Server SP4 running SQL Server 2000 SP3a) was a separate machine on the same 100MB network. The SR5, SR6 and 7.x versions of ClearQuest Web were installed on identical hardware and a single virtual user iterated 50 times through the described use-cases working as quickly as possible. The response times were then averaged and compared.

### Use-Cases Tested

Use-Case	Description
Login <sup>1</sup>	Time from submitting login request to loading the workspace
Initiate New Defect	On creating new defect, wait for form to display
Commit New Defect	Fill and commit the defect
Find Existing	Find an existing defect
Initiate Modify Existing Defect	On modifying the defect just found, wait for form to display
Commit Modify Existing Defect	Make modifications and save them
Query Load Results Set	Query for 100 defects
Query Load First in Result Set	Load first defect returned in query

<sup>1</sup> In 7.x, Login is a single operation unlike SR5 and SR6. The values for SR5 and SR6 represent combined times for the login and select database use-cases.

### Conclusion

Response times in the 7.x releases are faster with a number of transactions when compared to the SR5 and SR6 releases.

*Please note, the test schema used in these tests was derived from an actual client schema of moderate complexity and size. The use-cases covered were designed to capture the core set of operations that are available in the ClearQuest Web interface and would be common to all customer schemas irrespective of their customizations. These tests were performed using Rational Test Manager and Rational Performance Tester*

*Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Users of this document should verify the applicable data for their specific environment.*

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