


Jira Data Center 集群性能测试

Atlassian 实际测试了应用程序节点数量对性能的影响。

性能测试

以 Jira 单服务器版(1个节点)，6个浏览器各种操作的平均响应时间为100%作为基线。

**测试结果说明**

通过测试结果可以看出，随着用户访问量上升，节点分担了运算量。在高负载下，集群整体性能有所提高，用户操作的响应时间也会比单服务器大幅缩短。

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测试环境

环境	说明
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服务器	<p>CPU: 2 x Intel Xeon E5-2430L, 2.0GHz (6-Core, HT, 15MB Cache, 60W) 32nm</p> <p>内存: 48GB (6 x 8GB DDR3-1600 ECC Registered 2R DIMMs) Operating at 1600 MT/s Max</p> <p>网卡: Dual Intel 82574L Gigabit Ethernet Controllers - Integrated</p> <p>控制器: 8 Ports 3Gb/s SAS, 2 Ports 6Gb/s SATA, and 4 Ports 3Gb/s SATA via Intel C606 Chipset</p> <p>PCIe 3.0 x16: Intel X540-T2 10GbE Dual-Port Server Adapter (X540) 10GBASE-T Cat 6A - RJ45</p> <p>硬盘: 240GB Intel 520 Series MLC (6Gb/s) 2.5" SATA SSD</p>
节点服务器	2 核CPU， 9G JVM内存
Jira 数据	550个项目，628个自定义字段，450000个问题，10000个用户
数据库	Postgresql
浏览器	Chrome
负载均衡	Apache