

On-Demand Computing using Network.com

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In today's highly competitive and global marketplace, companies and research organizations must solve increasingly large and complex technical problems while managing within constraints of cost and schedule. The variability in demand placed on the IT infrastructure to solve these problems can make capacity planning a challenge.

Building out the data center can help to meet peaks in computing demand and address shortfalls in IT resources. However, expanding computing infrastructures can often be a less than optimal solution. The expense of purchasing, installing, and maintaining large numbers of clustered servers can prove to be formidable, especially at a time when real estate costs are escalating, energy costs are skyrocketing, and department budgets are flat or declining. Building out the data center can also result in poor overall utilization if peak usage periods occur sporadically.

Sun Microsystems is helping to address these challenges by providing easy and affordable access to a set of infrastructure Web services at <http://network.com>. The site acts as a portal for developers, Sun partners, and users to create, publish, and access application services predicated on Sun and other open-source technologies.