

## A Note from Tom Silver

There's a technology that's been edging toward the mainstream for all the right reasons, and is expected to get a boost from more products entering the field – including one from Microsoft – as well as its ability to help companies become greener.

The technology is virtualization. Virtualization saves companies money because it enables them to get more work out of their existing servers and slows the growth rate of future hardware needs. This translates into less electricity consumed for both powering servers and cooling the data center. While most companies recognize the need to address environmental issues, the results of a just-released McKinsey study will shock many people: data centers are projected to surpass the airline industry as a greenhouse gas polluter by 2020. The need for a greener approach will help drive virtualization.

IDC forecasts that the market for virtualization worldwide will grow to \$3.5 billion in 2011, a 27.1 percent CAGR from 2006. VMware has been at the forefront of this technology for the past decade. Now Microsoft is expected to introduce its virtualization product, Hyper-V, this fall.

At Dice, we're seeing both the adoption of virtualization and a growing need for the related skill set. A recent Dice poll found that almost 40 percent of respondents had "virtualized a significant number of servers and services" with another 10 percent reporting that they had plans to do so within the next twelve months. There are more than 1,500 jobs posted on Dice that require VMware experience, up 40 percent from only six months ago. Right now, only a handful of jobs call for Hyper-V knowledge, but we'll be watching to see if demand for this skill grows once the product is released.

We're looking forward to watching virtualization grow, along with the demand for related skills, as well as keeping you up-to-date on how this technology is affecting companies and IT jobs.

Enjoy this month's issue of The Dice Report.

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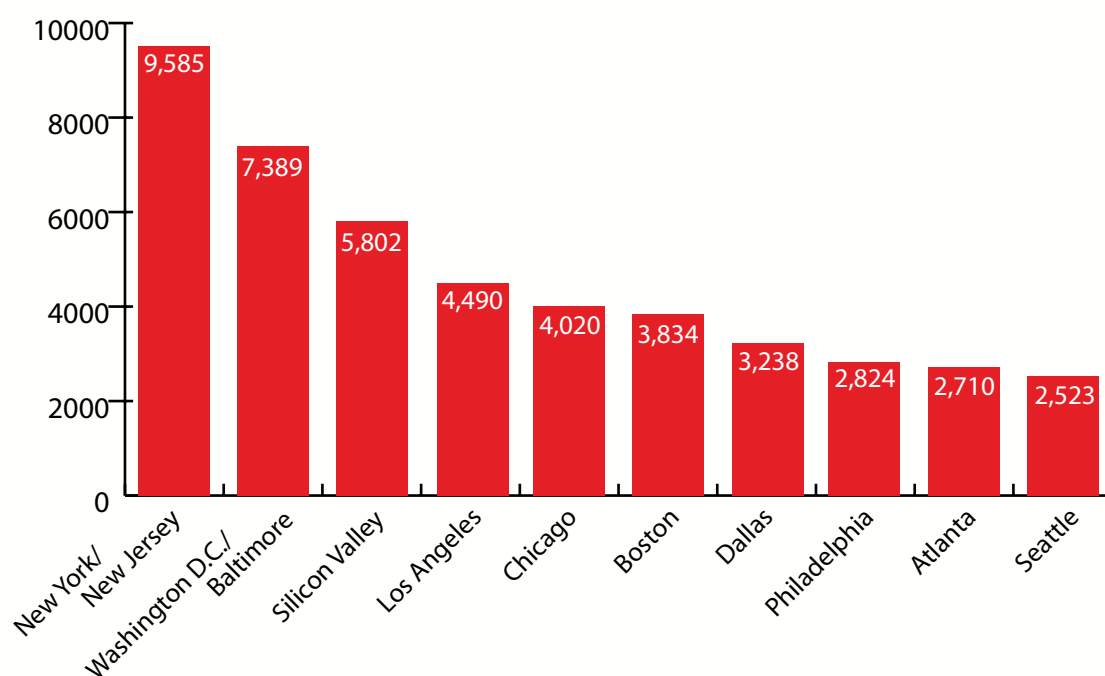
## Dice by the Numbers

As of May 1, 2008

Available Tech Jobs: 91,675  
Full-time Positions: 63,771  
Contract Positions: 36,857  
Part-time Positions: 1,760

## Top Tech Metro Areas

Based on number of jobs posted by zip code on Dice as of May 1, 2008



## Top Tech Skills

Based on number of jobs posted by zip code on Dice as of May 1, 2008

### Operating Systems

1. Windows – 16,578
2. Unix – 13,871

### Databases

1. Oracle – 19,488
2. SQL – 14,605

### Programming Languages

1. C, C++, C# – 17,257
2. J2EE/Java – 16,806

## Dice.com Tech Topic Poll

**Virtualization has become a hot topic in the tech industry. Has your organization adopted virtualization?**

- 8% Yes. Everything is virtual today, including desktops.
- 38% Yes. We've virtualized a significant number of servers and services.
- 15% Yes. But we've limited it to test environments.
- 10% Relatively soon. Probably within the next 12 months.
- 29% No. We have no current plans for virtualizing anything.