DON'T GET GAUGHT in BENDER...

The Top 3

most-encountered virtualization challenges: Performance Bottlenecks, **Capacity Planning and** Storage I/O

> Over half of IT professionals surveyed* said their environments were more than **30%** virtualized

RECIPE FOR MANAGING THE I/O BLENDER EFFECT



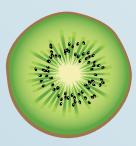
1. Tier your storage:

80% of respondents surveyed said they are adding 10-50 VMs a year More than **50%** of respondents are deploying a private or hybrid cloud



Tiering storage allows you to allocate storage bandwidth for key applications.

2. Invest in the right tools:



Visibility, visibility, visibility. Invest in tools that allow you to troubleshoot and proactively manage capacity, forecast I/O and drill down into arrays.



3. Application requirements are absolutely key:

A good rule of thumb: applications with high I/O or availability requirements will still need fast storage, but many applications can run with slower, high density drives.



* The SolarWinds-sponsored (www.solarwinds.com) survey was conducted July 20 – 27, 2011, via an online survey service. The survey was sent to nearly 1000 IT professionals, resulting in 120 completed surveys.