BALANCING RISK VS COST WITH CAPACITY OPTIMIZATION

How are IT decision makers balancing risk versus cost using capacity optimization? Honestly, it's a highwire act that jeopardizes service quality and budgets if not handled properly.

Today's increasingly complex IT environments are making it more difficult for leaders to continuously optimize IT resources and costs to ensure optimal business service assurance, get a clear view across the entire IT infrastructure, and manage the transition of legacy technologies to modern technologies.

With these challenges, IT is forced to choose between overprovisioning by purchasing infrastructure such as servers and storage to ensure service quality or underprovisioning to save money. This is something BMC product manager Dennis Newberry addressed in a recent IDG white paper, *Meeting the Challenges of Optimizing IT Cost and Capacity Management*.

"How do you manage that balance? I can increase my costs and lower my risk by overprovisioning my environment, so I'll never have a performance-related outage," he said. "Conversely, if I want to reduce costs, I could run the potential of having a performance-related issue. So ultimately you're trying to find the right balance and then maintain that balance."

How do you achieve and maintain the correct balance between overprovisioning and underprovisioning? You need a way to accurately see the resource usage and demand across your entire infrastructure to ensure you can support your applications, users, and business strategy with high service quality and responsiveness.

Enterprises using artificial intelligence (AI) and machine learning (ML) tools to increase visibility and

support business demand will be able to continuously optimize their resources by rightsizing, maximizing allocation and efficiency, predicting saturation, and matching business initiatives with "what if" simulations and service level agreements based on intelligent analysis of service performance—all without manual intervention.

Increased visibility also helps IT teams:

- Improve IT and end-user productivity and efficiency
- Reduce risk around migrations and strategic company initiatives
- Achieve better clarity into capital and operational costs and vendor billing
- Make the business more agile
- Plan and position for the future with more accurate forecasting

To learn more about effectively balancing cost versus risk with capacity optimization solutions, download the e-book, Service Assurance and Optimization with AIOps.

Thanks for reading.