



Impact of Virtualization on Storage Performance Optimization Trends

Summary Results

May 2012



Observations and Conclusions

- *91% of responders use networks which are a mix of NAS and SAN. 49% have more than half of their NAS capacity as NFS.*
- *Responders manage a high level of data with 41% managing more than 500 terabytes.*
- *84% of responders have high performance storage requirements. Nearly half report that VMware, Oracle & financial analytics are the main sources of performance demand.*
- *Desktop virtualization is low with 97% of responders reporting that less than a quarter of their desktops are virtualized today. In two years, 35% project that more than a quarter of their desktops will be virtualized.*
- *By 2014, more than half of respondents will achieve 50% server virtualization.*
- *NAS Optimization tops the list of how to meet challenges posed by virtualization.*

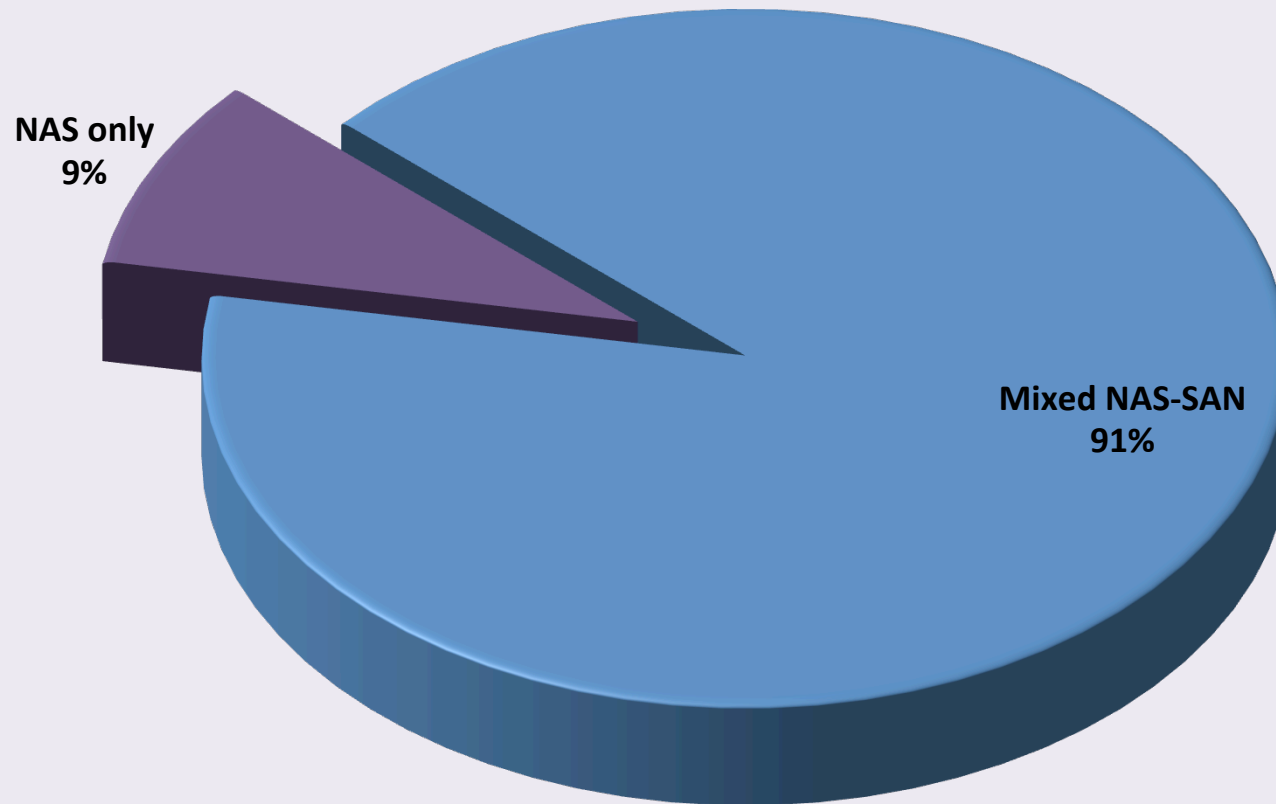


Program Overview

- *Between January 10 and May 2, 2012, Gatepoint Research invited 1,042 selected executives to participate in a survey themed **Impact of Virtualization on Storage Performance Optimization Trends**. Candidates were invited via email and 100 executives participated.*
- *45% of responders work at the Director Level or above; 23% work at the VP level or CxO level.*
- *70% of responders are employed by companies with annual revenues of at least \$1.5 billion.*
- *100% of responders participated voluntarily; none were engaged using telemarketing.*



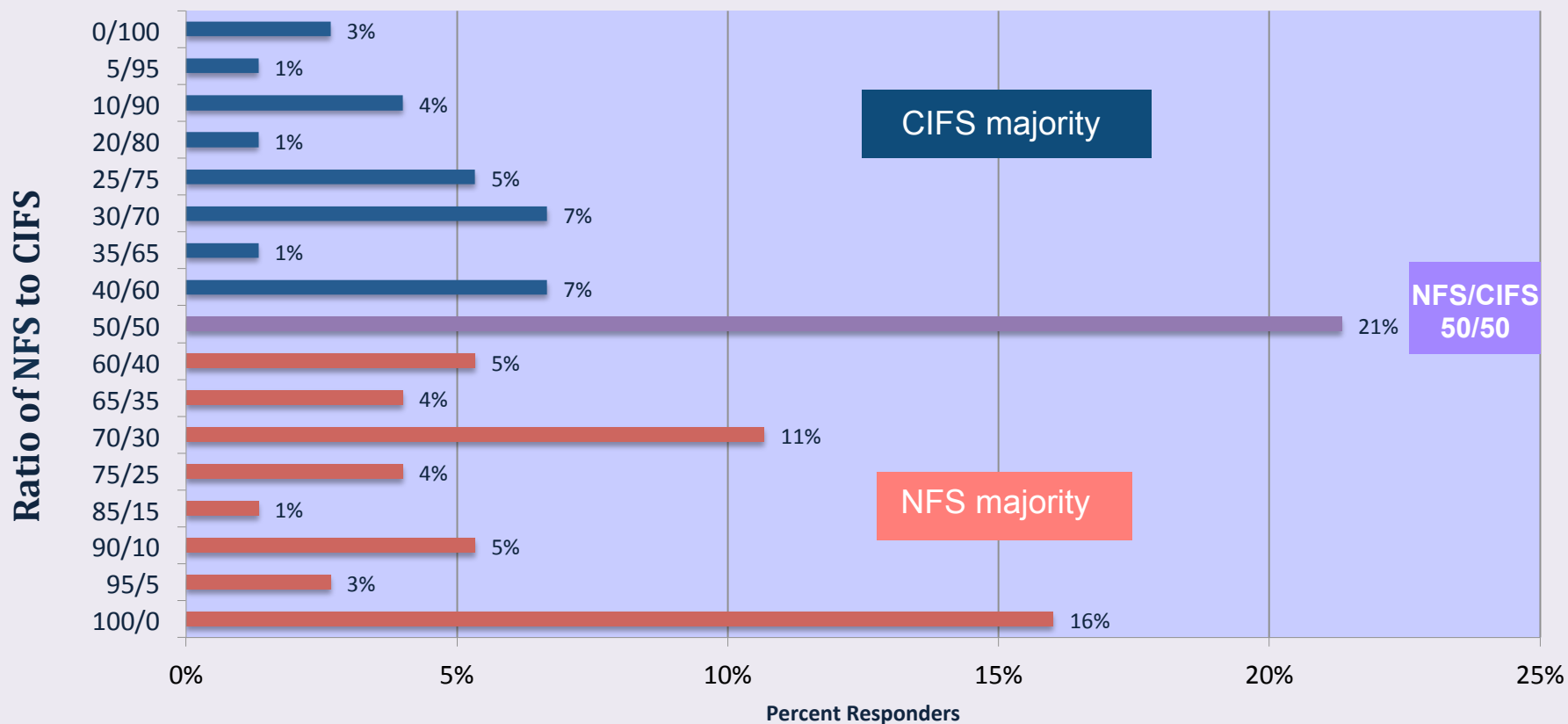
What kind of storage network do you have?



91% of responders use mixed NAS-SAN networks.



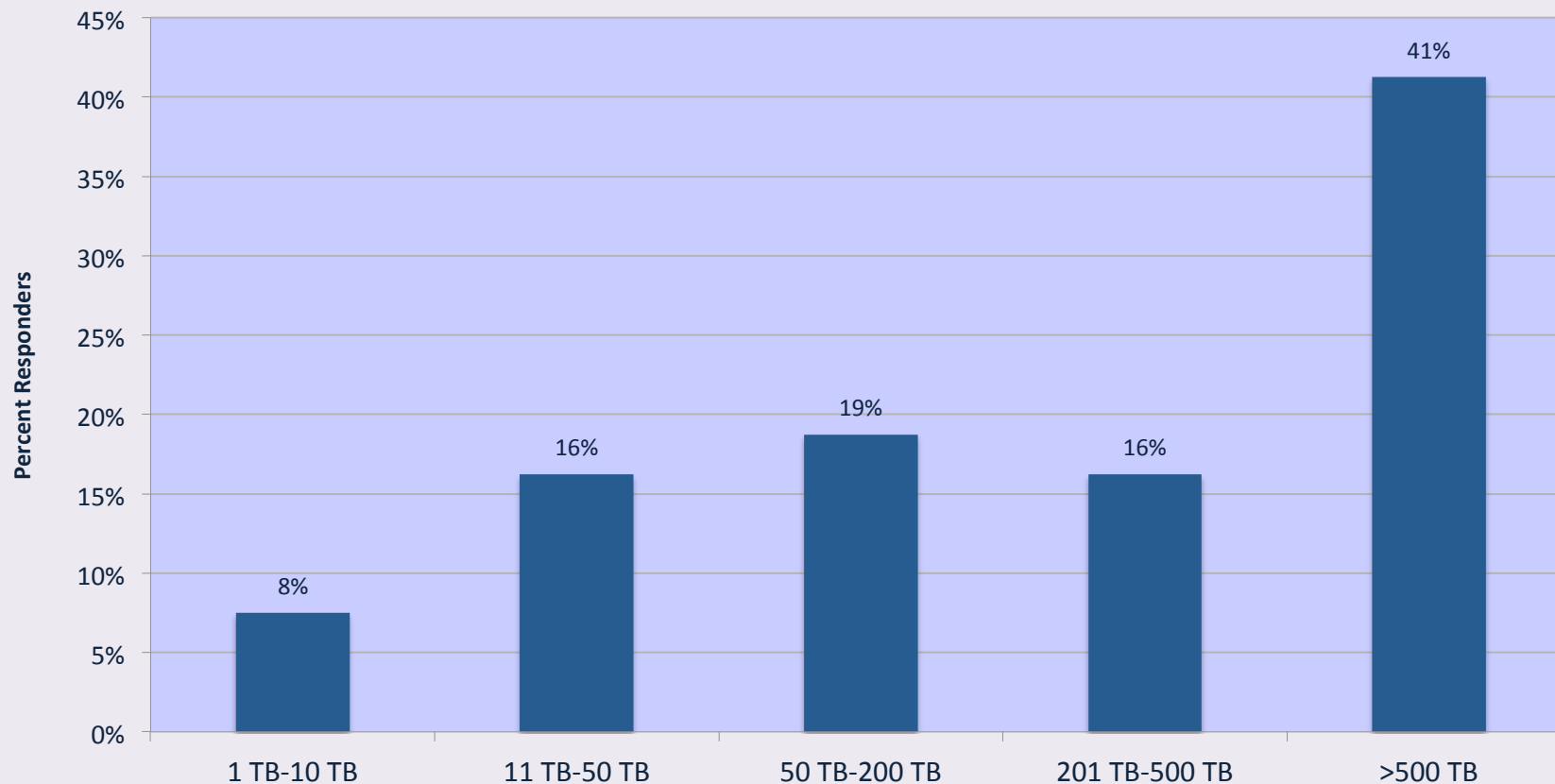
Regarding your NAS capacity, what is the proportion of NFS to CIFS?



49% of responders report that more than half of their NAS capacity is NFS.



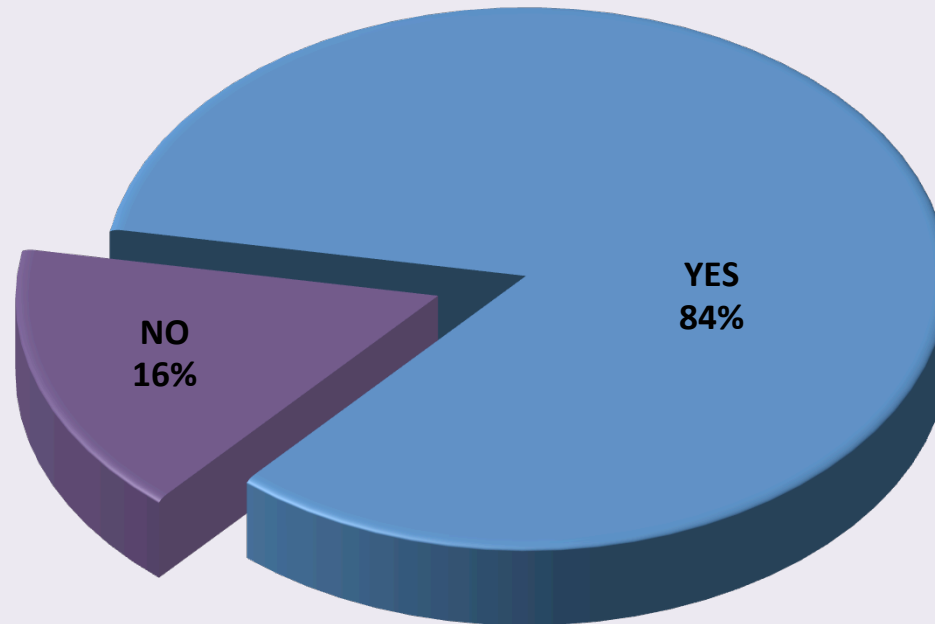
What is the total amount of storage capacity managed by you or your storage group?



57% of responders manage 200 terabytes or more. 41% manage over 500 terabytes.



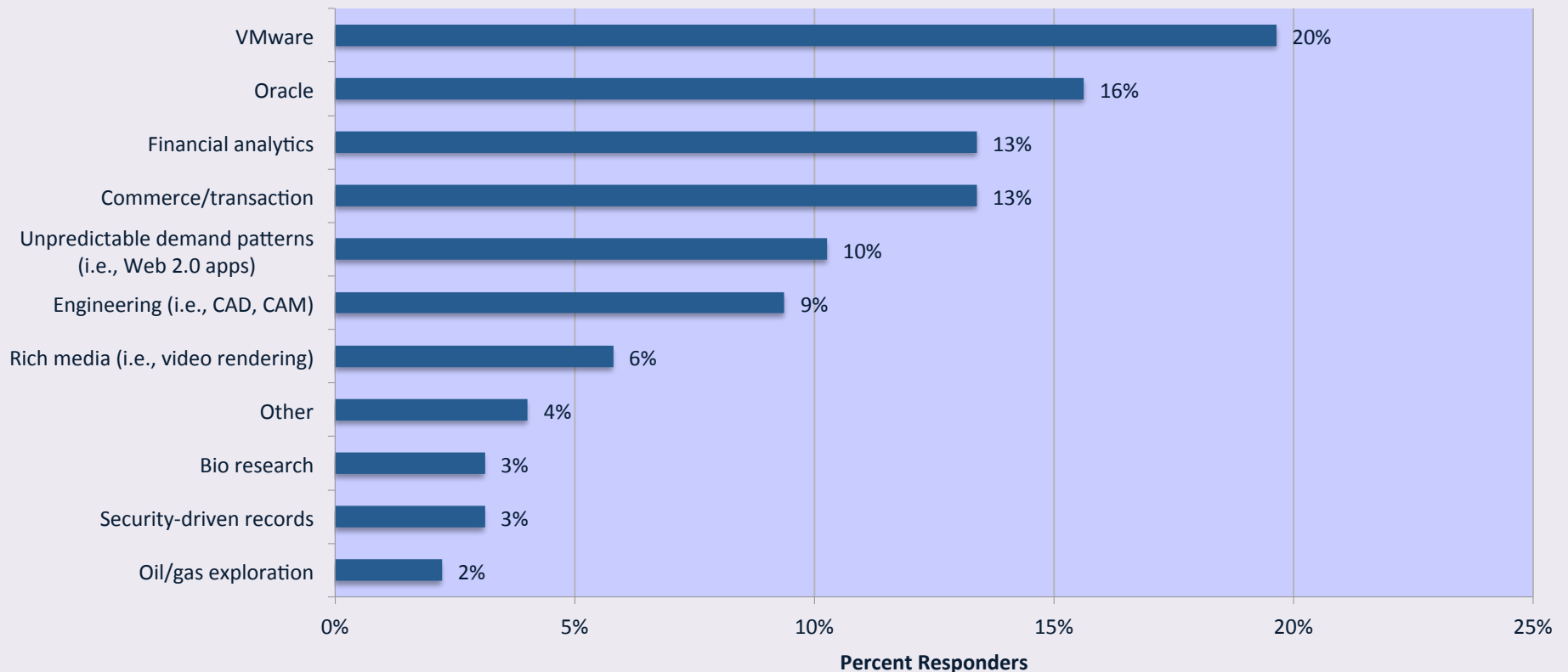
Do you have applications that require high-performance from the storage network and/or applications where demand for files is unpredictable?



84% of responders have high performance storage requirements and/or run applications with unpredictable file access demands.



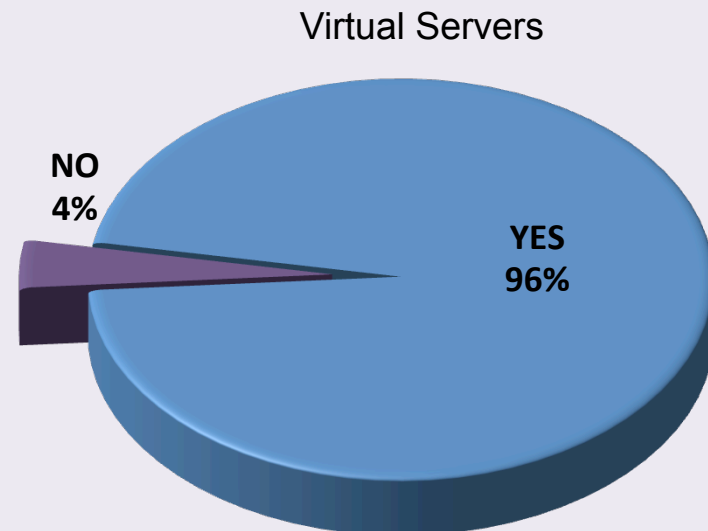
What applications or usage areas are the sources of performance demand?



49% of responders report that VMware, Oracle & financial analytics are the primary sources of performance demand.



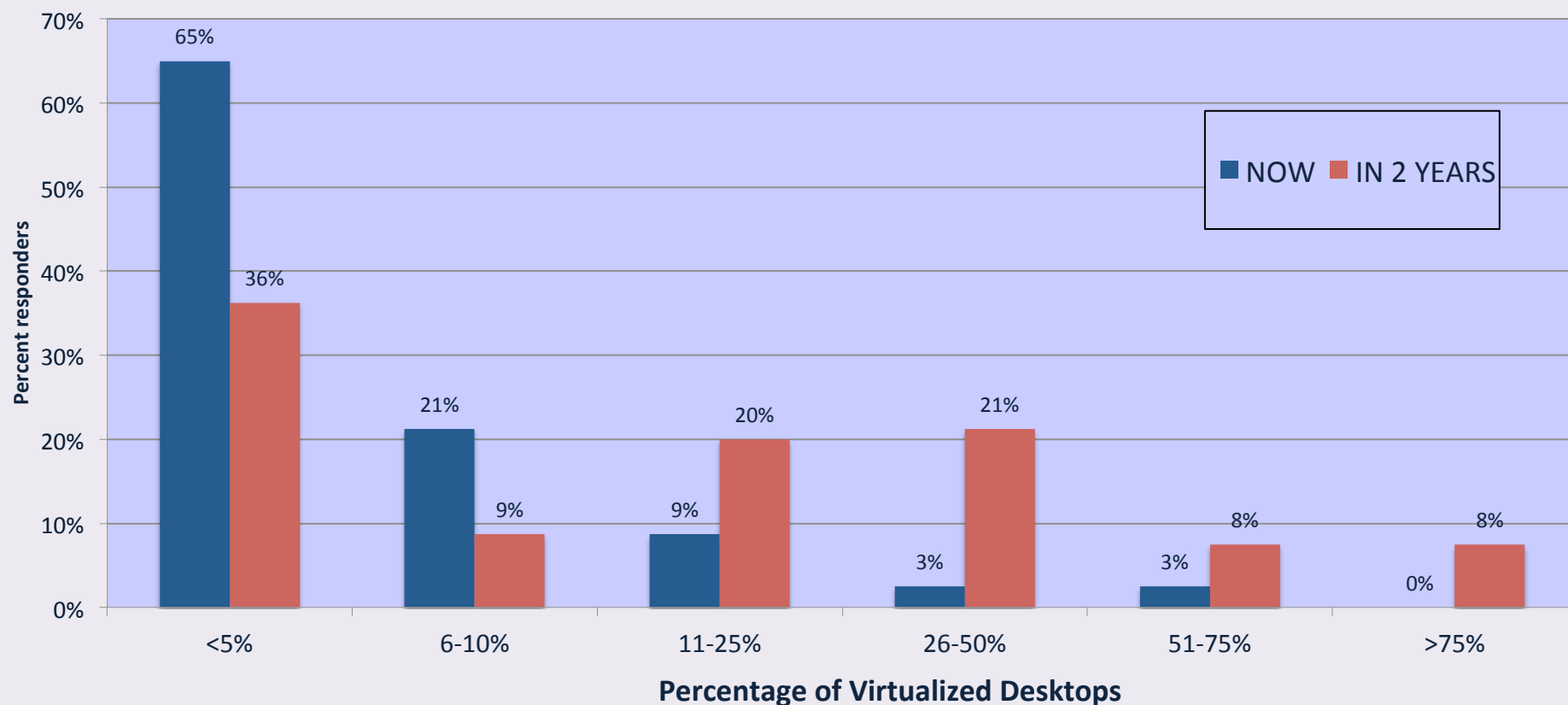
Does your company have a virtualization strategy and if so, do you have virtual servers?



The vast majority of responders have a virtualization strategy and of those, 96% also have virtual servers.



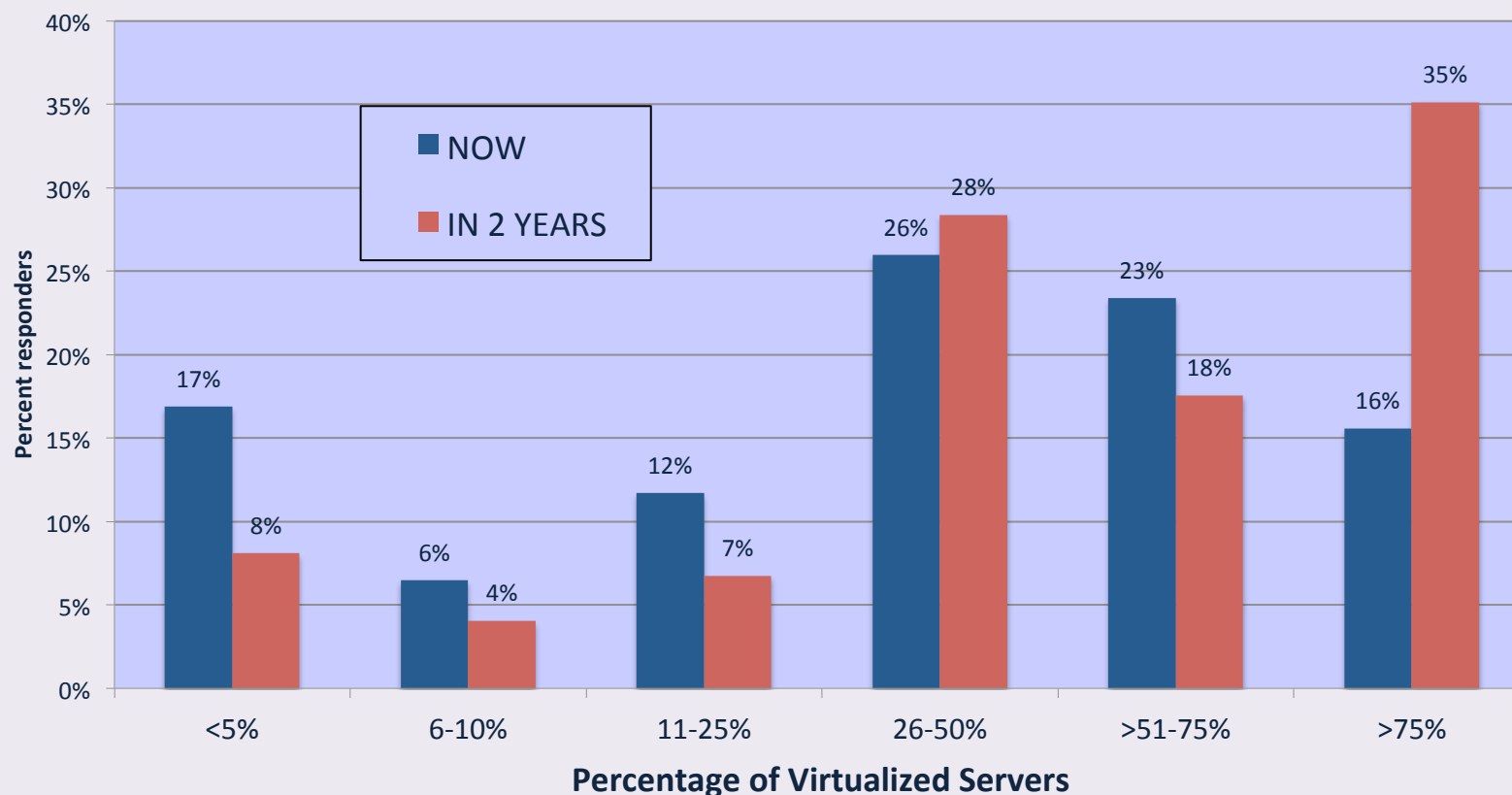
What percent of your desktops are virtualized?



97% of responders have less than half their desktops virtualized. On the two year horizon, most expect an increase in virtualization.



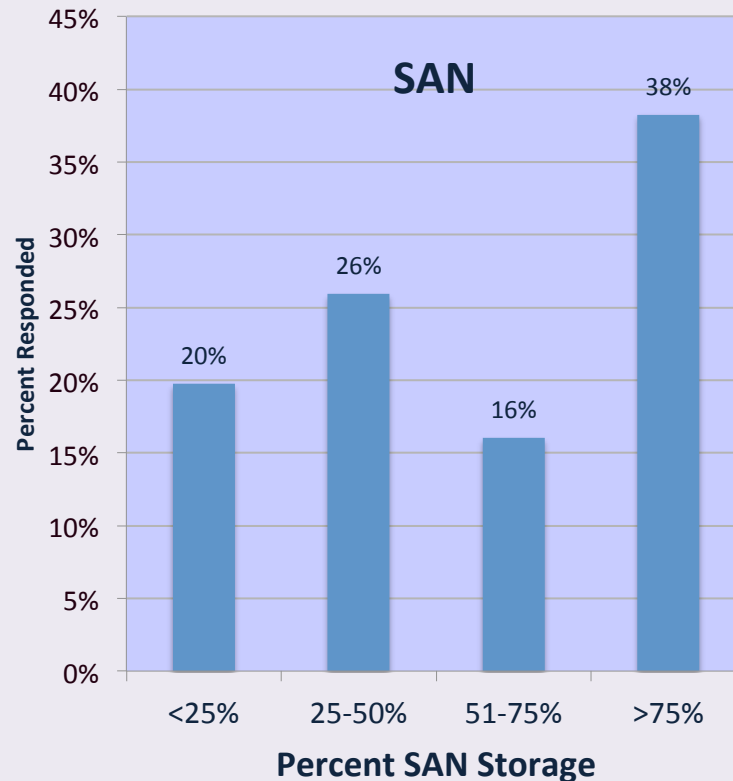
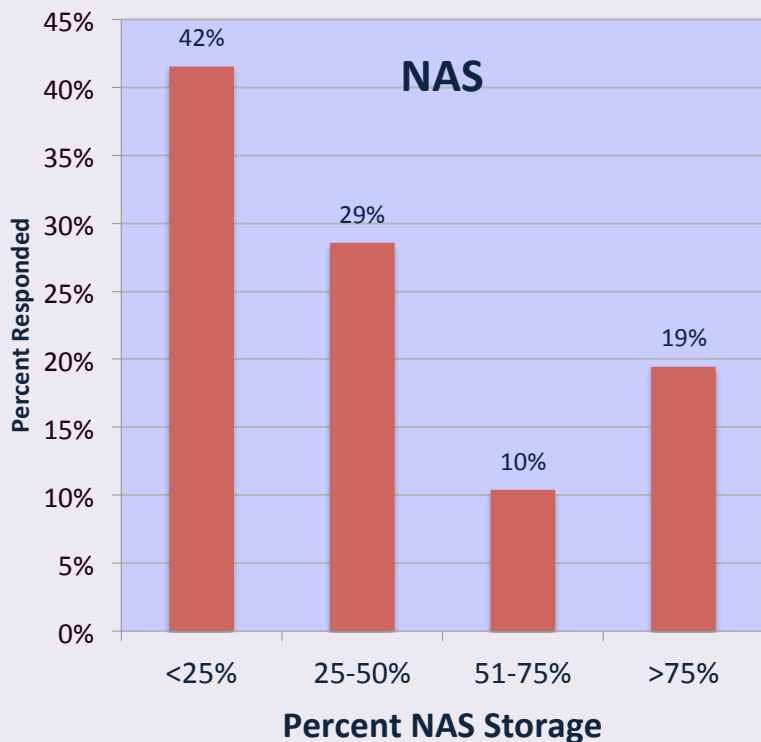
What percent of your servers are virtualized?



***39% of responders have more than half their servers virtualized.
Most see that number increasing within two years.***



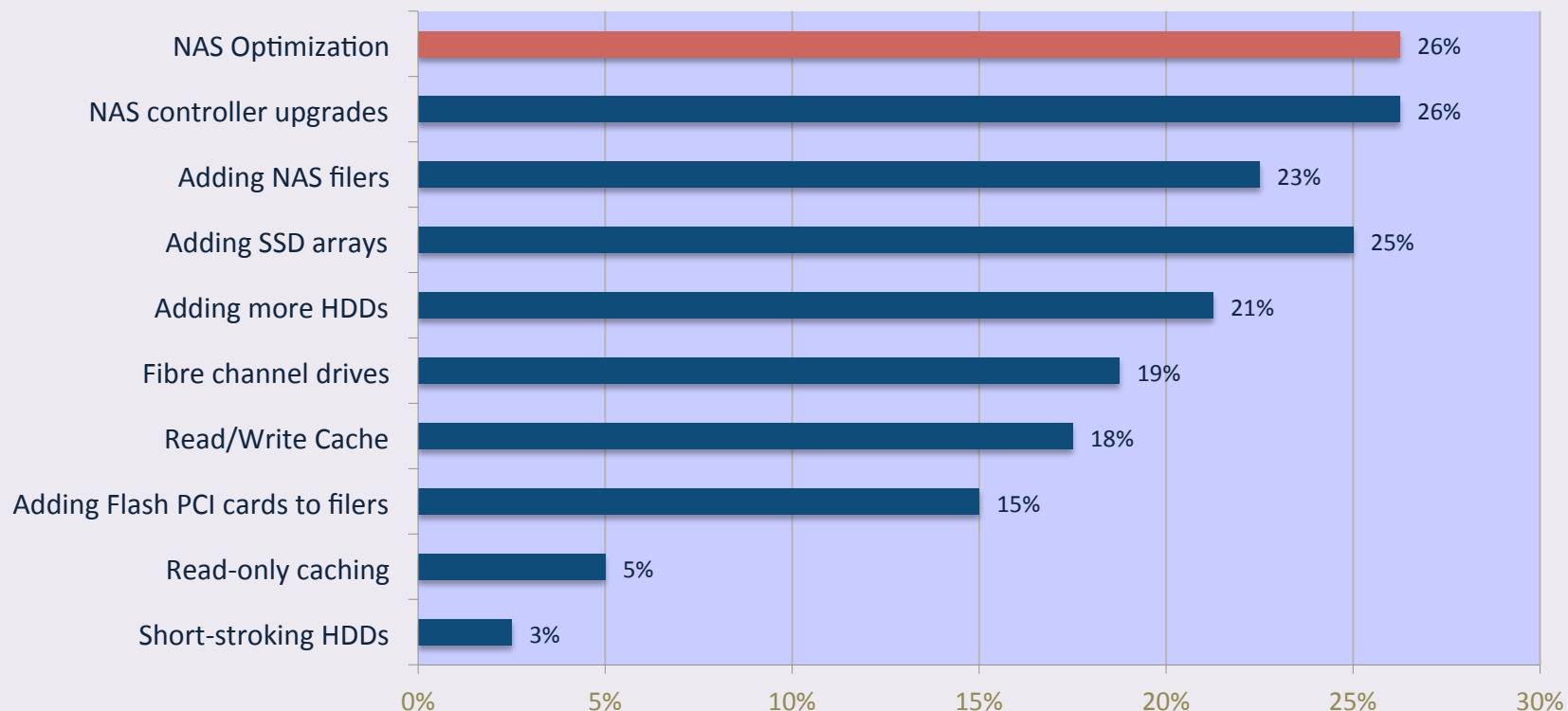
In your virtualized storage environment, what percent is SAN and NAS?



**42% of responders have less than 25% of their virtualized storage as NAS.
38% have more than 75% as SAN**



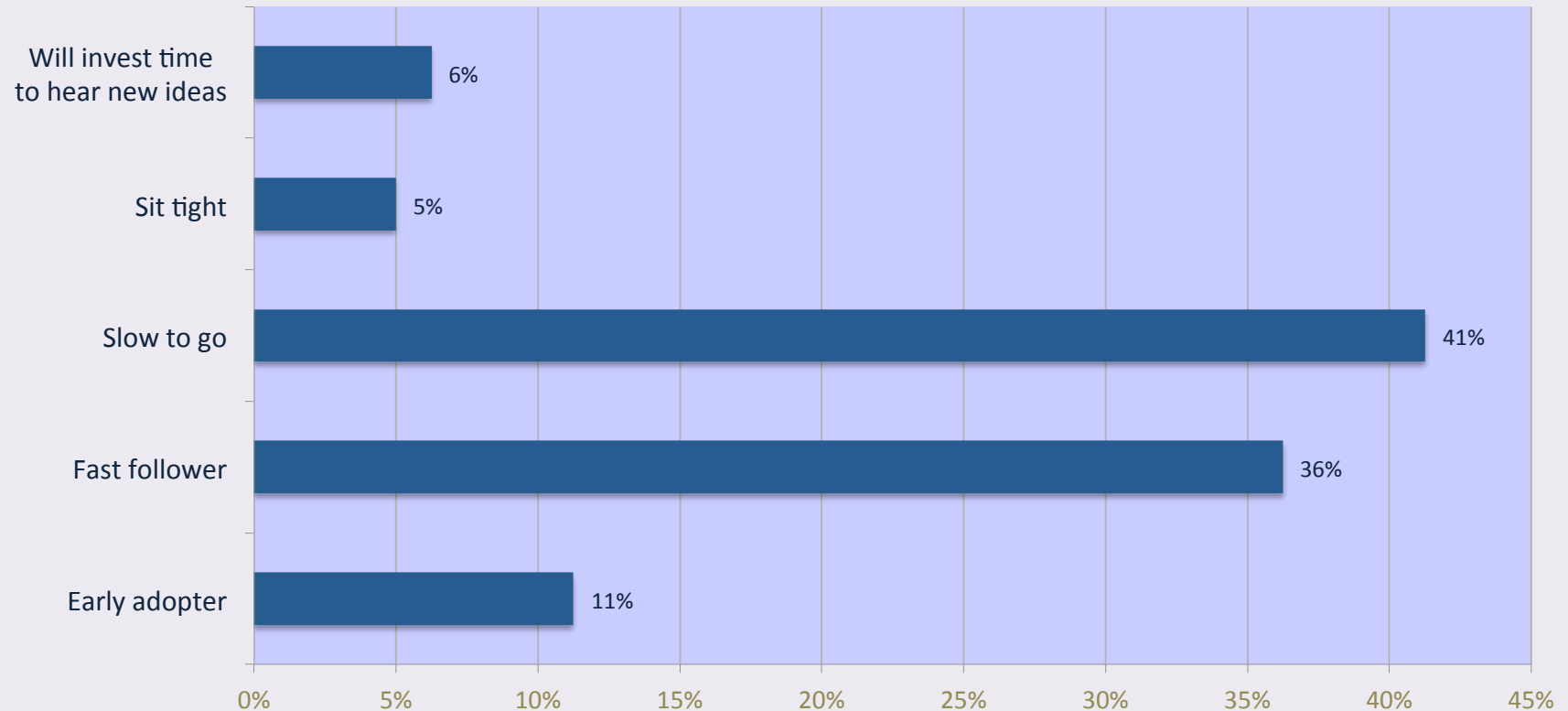
What solutions are you considering to meet the challenges to storage performance posed by virtualization?



NAS Optimization tops the list of respondents' choices for meeting the storage challenges posed by virtualization.



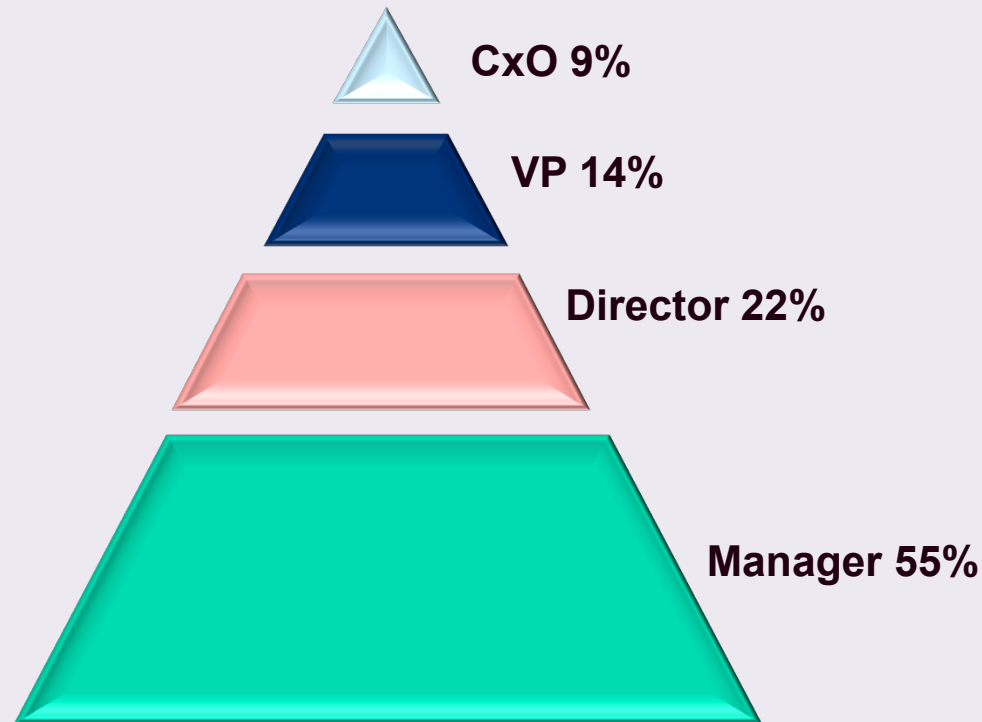
How would you characterize your organization's propensity to try new approaches?



47% of responders consider their organization to be fast followers or early adopters when considering new approaches.



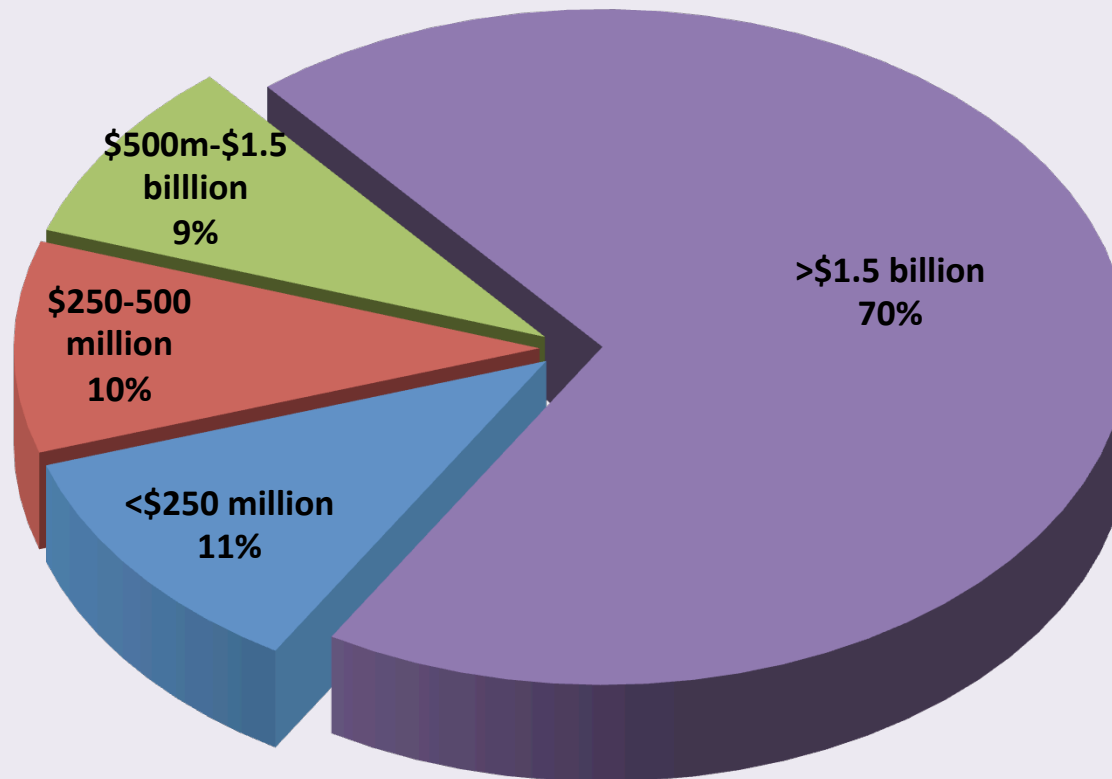
Profile of Responders: Job Level



45% of responders work at the Director level or above.



Profile of Responders: Company Revenue



70% of responders are employed by companies with annual revenues exceeding \$1.5 billion.



About

A V E R E

Avere Systems provides NAS optimization appliances that deliver unprecedented performance acceleration, cost savings and operational visibility, proven in real-world VMware deployments.

When compared to traditional NAS, the FXT Series provides optimized performance scaling through clustering, deeper insight into VMware operations, and a 5:1 reduction in disks, power, and space.

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