

AI adds to rising demand for capacity

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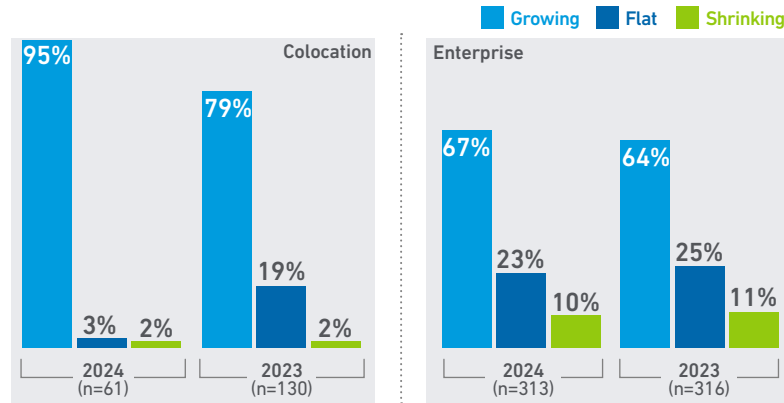
SUMMARY

Capacities continue to grow for both enterprises and colocation providers, with colocation companies expanding more rapidly. Growth in general-purpose IT remains the single greatest driver of rising data center demand overall, but the need to support AI workloads follows closely behind.

Results from the Uptime Institute Capacity Trends and Cloud Survey 2024 offer an insight into what is driving this capacity expansion.

Capacity growth remains strong, especially for colocation

In terms of overall megawatts, how would you describe the capacity of your data centers/ colocation facilities? Is overall capacity growing, flat, or shrinking?

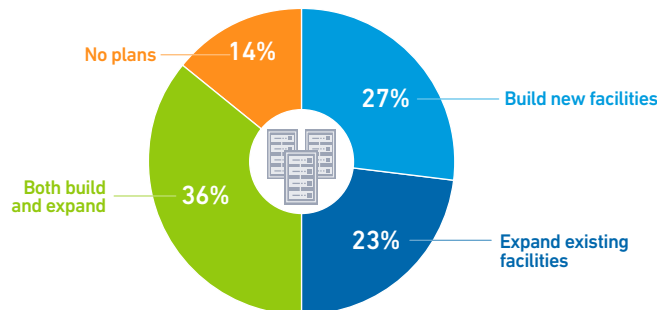


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Most are expanding and/or building new facilities

Is your organization planning to build new facilities or expand existing ones to increase its data center capacity? (n=188)



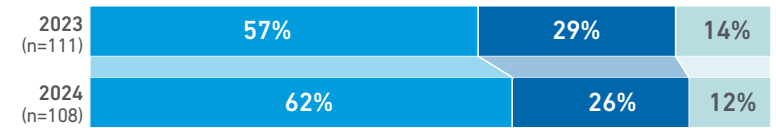
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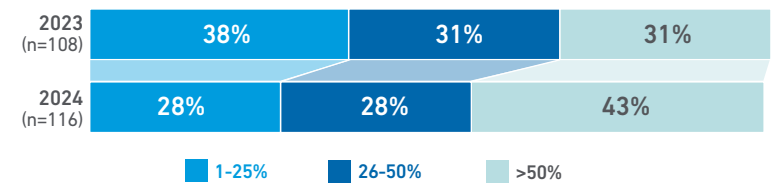
Expansion efforts are leading to greater capacity gains

Please estimate how much more megawatt capacity will be added by building new facilities or expanding existing ones.

Capacity added from expanding existing facilities



Capacity added from building new facilities

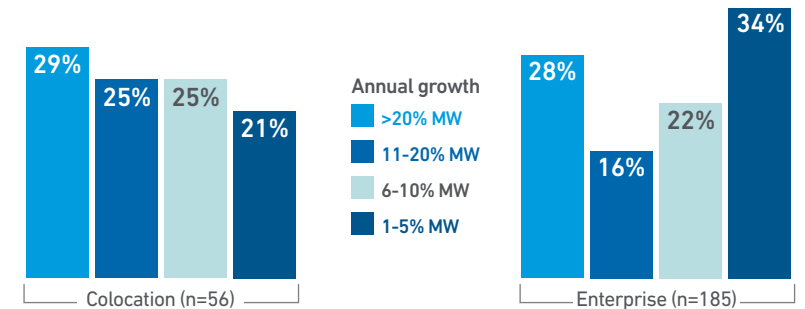


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Colo providers report faster IT growth than enterprises

Which of these best describes the IT growth rate of your facilities?



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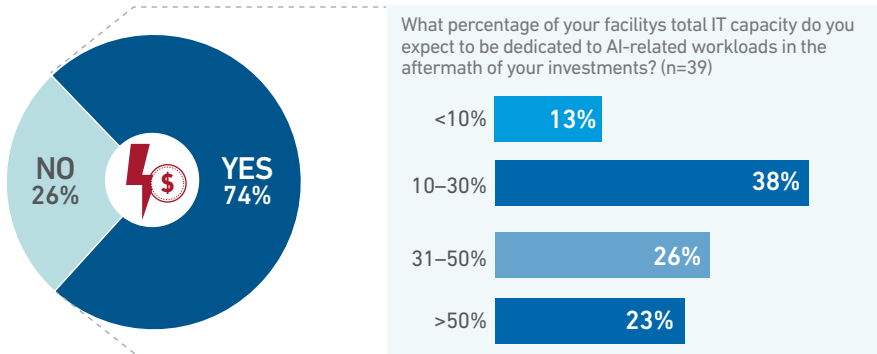
ABOUT THIS SURVEY

The Uptime Institute Capacity Trends and Cloud Survey 2024 was conducted online from October 2024 to December 2024, and had 770 respondents. This report highlights some of the findings.

AI-driven capacity demands rising

Most colos are investing in infrastructure upgrades to support AI

Are you currently investing in new power/supply infrastructure to support AI requirements from customers? (n=54)

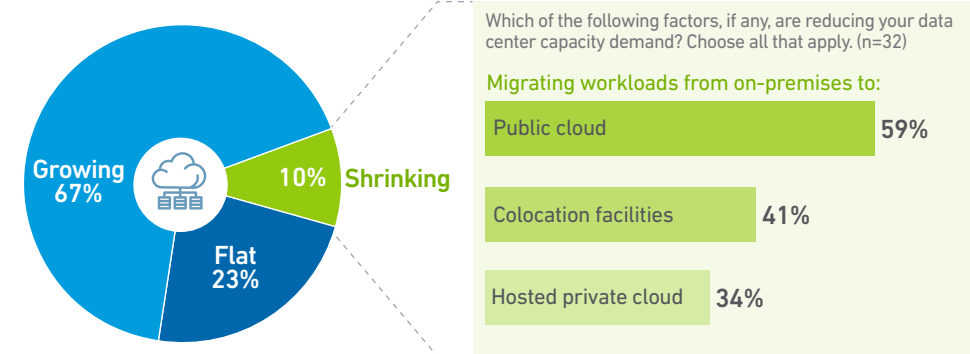


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Most enterprise capacities grow while others shift to cloud

In terms of overall megawatts, would you describe the overall capacity of your enterprise-owned data centers as growing, flat or shrinking? (n=313)

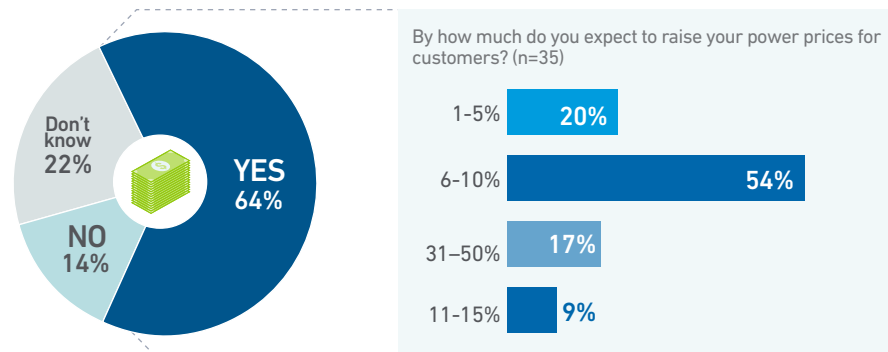


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Majority of colocation providers expect to charge more for power

Looking two years ahead, do you expect to raise your power prices for customers? (n=59)

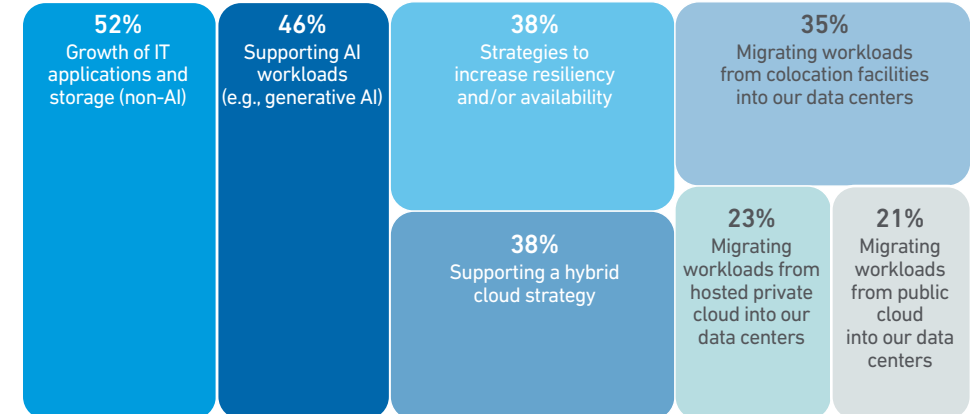


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Growth of non-AI workloads is the greatest driver of data center demand

Which of the following factors, if any, are increasing your overall data center demand? Choose all that apply. (n=183)



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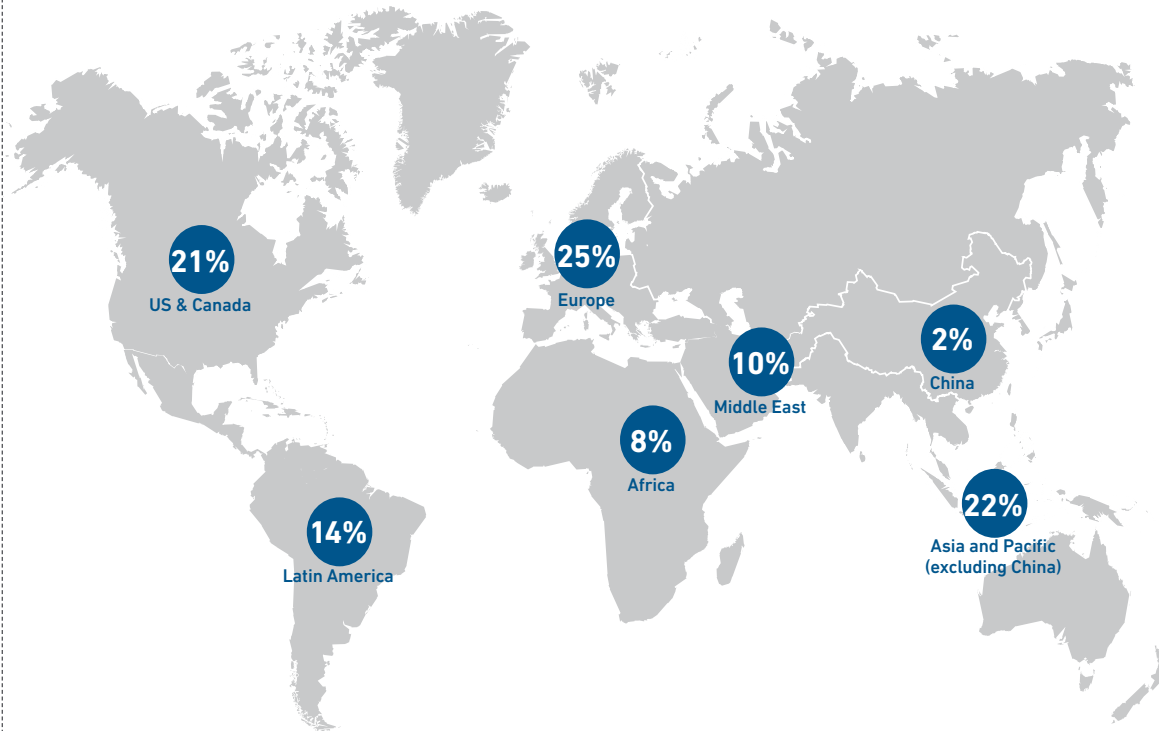


Demographics: Uptime Institute Capacity Trends and Cloud Survey 2024

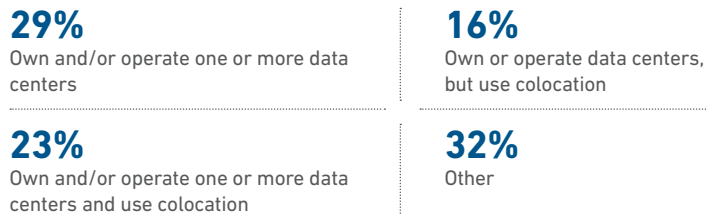
Verticals (n=770)



Company location (n=770)



Digital infrastructure environment (n=770)



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About Uptime Institute

Uptime Institute is the Global Digital Infrastructure Authority. Its Tier Standard is the IT industry's most trusted and adopted global standard for the proper design, construction, and operation of data centers – the backbone of the digital economy. For over 25 years, the company has served as the standard for data center reliability, sustainability, and efficiency, providing customers assurance that their digital infrastructure can perform at a level that is consistent with their business needs across a wide array of operating conditions.

With its data center Tier Standard & Certifications, Management & Operations reviews, broad range of related risk and performance assessments, and accredited educational curriculum completed by over 10,000 data center professionals, Uptime Institute has helped thousands of companies, in over 100 countries to optimize critical IT assets while managing costs, resources, and efficiency.

Uptime Institute is headquartered in New York, NY, with offices in Seattle, London, Sao Paulo, Dubai, Singapore, and Taipei. For more information, please visit www.uptimeinstitute.com

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