

Top 4 Considerations when Choosing Hyper-Converged Infrastructure

As businesses undergo IT Transformation, hyper-converged infrastructure (HCI) becomes increasingly popular. Analyst research shows HCI addresses modernization needs, especially for businesses consolidating infrastructure as part of a hybrid cloud strategy.



Hyper-converged infrastructure continues to emerge as the foundational solution to growing infrastructure challenges. A recent analyst report emphasizes these key considerations when you evaluate a HCI platform:

- **Scale-out architectures to handle data growth:** With constant storage and workload growth, scale-out architectures allow your organization to begin using small configurations and growing infrastructure to match your needs. You can add capacity non-disruptively: minimizing deployment time, downtime and potential degradation.
- **Certified hardware and systems support:** As appliances are the preferred deployment form factor for hyper-converged infrastructure adopters, it's optimal to closely evaluate hardware interoperability of HCI software providers. Also consider levels of service and support provided by any additional vendors, to ensure quick problem resolution.
- **Automation and orchestration:** HCI offerings must add cloud orchestration and automation capabilities to increase appeal with DevOps users. On-premises infrastructure players also need to understand their cloud services equivalents in terms of resource consumption, workflows and dependencies.
- **Support for future applications:** As all-flash hyper-converged infrastructure is more widely deployed, more performance-sensitive database applications are likely in the next 2 years for big data, VDI and data analytics/business intelligence.

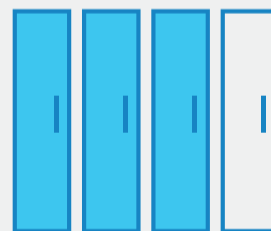
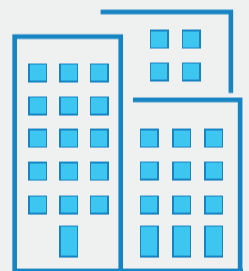
A 451 Research Advisory survey found hyper-converged infrastructure is the most disruptive IT product category in the past decade; introducing IT innovations, while changing roles and responsibilities of IT professionals:

Over **60%** of respondents have **deployed** or plan to deploy hyper-converged in next 2 years



29.3% of respondents are **already conducting** proof-of concept trials for hyper-converged

35.3% reported their organization is **currently** using hyper-converged infrastructure



3 out of **4** hyper-converged **infrastructure** deployments are going in data center core vs branch office



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451 Research Advisory, Pathfinder Report "Transform your Business with HCI." February 2017.

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