Hyperconverged Infrastructure (HCI)

✓ MULTI-POINT CHECKLIST

Organizations of all sizes are turning to Hyperconverged Infrastructure (HCI) solutions to help simplify their data centers and reduce overall IT management costs. However, not all HCI solutions are created equally. If you're considering HCI for your environment, here are some important criteria you need to consider:

- [ ] **Does your HCI solution need to consolidate compute, storage, back-up, replication and disaster recovery?** Some HCI solutions require you to buy some of these components separately.

- [ ] **Do you want a single interface (or console) to manage all the capabilities listed above?** Without a fully integrated solution, you'll be juggling multiple management interfaces, plus you'll need to learn and utilize new tools and employ specialized resources to ensure that everything works correctly.

- [ ] **Can your HCI platform support an industry-standard hypervisor or does it require a custom one?** By supporting an industry-standard hypervisor that you're already familiar with, you can avoid "vendor lock-in" and avoid the time needed to learn how to use it.

- [ ] **Does your HCI appliance need to backup and restore a 1TB VM in 60 seconds?** Some HCI platforms are dramatically faster than others, so do your homework. In some cases, they can even reduce your average recovery times from hours to minutes.

- [ ] **Do you need to validate backups for audit purposes?** For customers that have regulatory requirements, this is an absolute must.

- [ ] **Does the solution need to provide in-line data de-duplication and compression?** If you need to lessen the processing burden on your network and reduce the data storage footprint, this is extremely important. After all, the best "write" is one you never have to do.

- [ ] **Do you need a portion of the CPU and memory reserved for data de-duplication and compression?** If so, consider how big of a box you must configure if you have to account for any of the disk i/o functions.

- [ ] **Does your HCI solution need to survive any component failure in a two-node cluster?** For maximum performance, your choice should be able to optimize the density of the cluster without compromising reliability.

Finding the right HCI solution doesn't have to be a challenge.
To learn more about your options and talk to an HCI expert, give Softchoice a call at 1.800.268.7638 or visit: **hpe.softchoice.com**

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