

Why Composable Infrastructure

For Business Leaders

A new generation of applications are driving demand for comprehensive infrastructure automation and flexibility in the datacenter and while technologists are excited about Composable Infrastructure and its promises to address these demands, for Business Leaders, the term can seem somewhat nebulous. There are a number of clear business benefits that can be enjoyed by those that choose to deploy composable infrastructure solutions in their data centers. They're similar to many of the business drivers that are discussed when looking at Hyperconvergence, and in many ways, composable infrastructure is considered an iteration on the paradigm that Hyperconvergence has really been after all along.

AGILITY AND FLEXIBILITY

Most importantly, a business with a data center environment that leverages composable infrastructure to its fullest extent can enjoy significant levels of flexibility and agility. The flexibility comes in the form of ease of scaling individual resources, which is something that hyperconvergence fails at, causing companies to over provision and over pay for resources, and agility, which comes from being able to deploy workloads without having to worry about what the underlying infrastructure needs to look like.

This is especially important as the pace of change in the IT landscape continues to increase. More than ever, IT pros need to deploy infrastructure that can keep up with the constantly changing technology market and integrate new innovations as they become available.

BUSINESS ACCELERATOR

With a workload operating environment that is based on completely fluid API-driven resources, it becomes possible for IT to become far more cloud-like in the services that it offers. You can easily automate your processes and orchestrate multiple processes in to streamline overall data center and workload management. Taken to the right level, or with the right tools, you can get to a point in which users in business units can provision their own systems and application developers can build systems that manage their own resource usage, expansion, and contraction.

WORKLOAD-CENTRICITY

The whole point of the data center environment is to run workloads, but, for far too long, infrastructure has been in the driver's seat and has really dictated how workloads will operate. As we enter the era in which infrastructure is invisible to the user, programmable, and granularly and fluidly scalable, the workloads take center stage, which is as it should be.

SUMMARY

Composable infrastructure represents a significant opportunity for data center architects and through that, HTBASE provides businesses with the ability to build on-demand data center services with fluid resources that can support workloads regardless of underlying workload needs. It's API-driven nature makes it a must-have for DevOps-oriented environments and it carries with it significant benefits that can help to accelerate the business.

To learn more about HTBASE's Composable Infrastructure offerings and understand how the platform can help you accelerate the delivery of value, flexibility and cost control, contact one of our representatives today!

