

Announcing Phase 2 of Project Synergy

Imagine conducting your infrastructure like a symphony...

Embrace a new style of infrastructure to meet changing business needs

By Gary Thome

What do a symphony and your technical infrastructure have in common? More than you might think, it turns out, when it comes to coaxing a command performance out of each of them. A conductor's job is to bring a musical score to life. With a variety of mysterious gestures, conductors manage to "sculpt the musical line, tease out nuances, emphasize certain musical elements while controlling others, and essentially re-imagine an old piece anewⁱ." The best are able to create something far greater than the sum of its parts.

HPE Synergy, [announced today](#), is the world's first Composable Infrastructure platform built from the ground up to help IT transition to a hybrid infrastructure. Like a great conductor, a [Composable Infrastructure](#) enables IT to "play" the various components of the infrastructure like a well-trained symphony, assembling the called-for configurations as required to fuel the creative process.

In the digital economy, successful businesses must foster innovation and act quickly to bring ideas to life. Until now, however, IT has struggled to meet these needs within the traditional infrastructure. Essentially, IT has been trying unsuccessfully to balance two distinct and conflicting worlds within the data center: the DevOps world where things are constantly moving and changing, and the traditional environment where change, when it does happen, is a laborious process filled with unexpected surprises.

[HPE Synergy](#) gives IT a pathway to a hybrid infrastructure that can support legacy investments while also enabling the necessary flexibility and speed to deliver services like a cloud provider. In the digital economy, where services are increasingly application-centric, this is essential. HPE Synergy simultaneously increases the speed and ease of deploying cloud and mobile applications while reducing the cost and complexity of running traditional workloads.

HPE Synergy offers fluid resource pools of compute, storage, and networking fabric that can be composed through a single interface powered by HPE OneView. In this way, physical and virtual resources can be gathered into any configuration for any application. Software templates disaggregate resources so that they can be composed when needed, decomposed back into the pool when no longer needed, and re-composed accordingly. As an extensible platform, the solution enables a broad range of applications and operational models such as virtualization, hybrid cloud, and DevOps. It's also connected to a larger ecosystem of [Project Synergy partners](#) and delivers true integration with tools like Ansible, Chef, Docker, Microsoft, OpenStack, Puppet, and VMware today and others planned for the future.

Like a conductor nimbly calling on his star musicians, IT can now effortlessly assemble infrastructure building blocks at the size needed for the enterprise and flexibly adjust the composition of resources based on the demands of applications—which is music to my ears.

To accelerate your time to value, get more details on [Composable infrastructure and HPE Synergy](#). Also, explore ways to meet business needs faster with a new [financing program](#) developed with HPE Synergy in mind.

ⁱ “What Does a Conductor Actually Do?” By Clemency Burton-Hill, 31 October 2014, BBC Culture, <http://www.bbc.com/culture/story/20141029-what-do-conductors-actually-do>