Intel® Cloud Builders
Easing the Deployment of Cloud Infrastructure

When your organization is ready to design, build, or enhance a cloud infrastructure, practical guidance is vital. The Intel® Cloud Builders program provides this guidance with hands-on information to inform your decisions. Intel Cloud Builders engineers design, build, and test cloud solutions with industry systems and software leaders. And now you can take advantage of their work and save time and frustration by downloading detailed reference architectures.

INTEL AND LEADING OEMs AND ISVs HAVE DONE THE HARD WORK

EXPLORATION
>> Establish business and technical objectives

PLANNING
>> Requirements and use case definition

INTEGRATION
>> Solutions implementation with test bed

TESTING
>> Prove out use cases

KEY FINDINGS AND BEST PRACTICES
Reference architectures
>>

Clouds on Your Horizon?

Cloud computing holds the promise of providing many benefits—greater flexibility, reduced costs, higher efficiency, among others. However, it can be a daunting task to take your cloud strategy from idea to reality. With so much information out there, how can you find guidance that is right for your organization's unique IT strategy? You need a trusted source for practical guidance from recognized leaders—guidance that helps you reduce the time, costs, and risk associated with learning lessons on your own.

Intel Cloud Builders is that trusted source. Joint engineering efforts with leading systems and solutions providers result in technical how-to guides that can accelerate your cloud deployment and then help you use your cloud to solve specific business and IT problems.

What Are Reference Architectures?

- Detailed how-to guides produced jointly by Intel and leading systems and solutions providers
- Practical guidance for building and enhancing cloud infrastructure
- Best-known methods learned through hands-on lab work

Visit our Reference Architecture Library for how-to guides from leading solutions providers:
www.intel.com/cloudbuilders/library

From Vision to Reality

Intel has a multi-year vision for cloud computing called Cloud 2015. In this vision, cloud data centers should be seamlessly and securely connected or federated, should be fully automated—provisioning resources with little or no human interaction—and clouds should be client-aware, providing secure access and optimal experience across a range of devices. To truly realize the promise of cloud computing, Intel believes that open, interoperable solutions that embrace standards are essential.

To achieve this vision, Intel works directly with global IT leaders and is an advisor to the Open Data Center Alliance (www.opendatacenteralliance.org), an independent organization of leading global IT managers. The Alliance defines IT requirements and usage models that address challenges in moving to cloud and next-generation data centers with multi-vendor, interoperable solutions. Intel will deliver products and technologies that meet these IT requirements and is closely collaborating with leading systems and solutions providers to deliver proven solutions and reference architectures through Intel Cloud Builders that are open and interoperable.

Intel® Cloud Builders: Systems and Solutions Providers

CANONICAL · CISCO · CITRIX · DELL · EMC² where information lives · enomaly elastic computing · Eucalyptus Systems · gproxy.com · hp · IBM · Joyent · Microsoft · NetApp · NETSUITE · Novell · Parallels · redhat · UNIVA UD · vmware

" A reference architecture that is worthy of Intel® Cloud Builders can take 8-10 weeks of intense engineering collaboration. During the process, we gain insights and build relationships that will push forward the envelope of innovation made possible through cloud computing. "

—Jim Blakley
End User Platform Integration Director, Intel Architecture Group

What Is Intel® Cloud Builders?

The Intel Cloud Builders program brings together industry leaders in systems and software solutions to provide practical guidance on how to deploy, maintain, and optimize a cloud infrastructure. This guidance is available today in the form of detailed reference architectures that can help improve data center security and efficiency while simplifying management and operations. Intel Cloud Builders also serves as a portal for information on cloud research and as a community where solution architects can consult on best practices for the adoption and enhancement of cloud solutions.
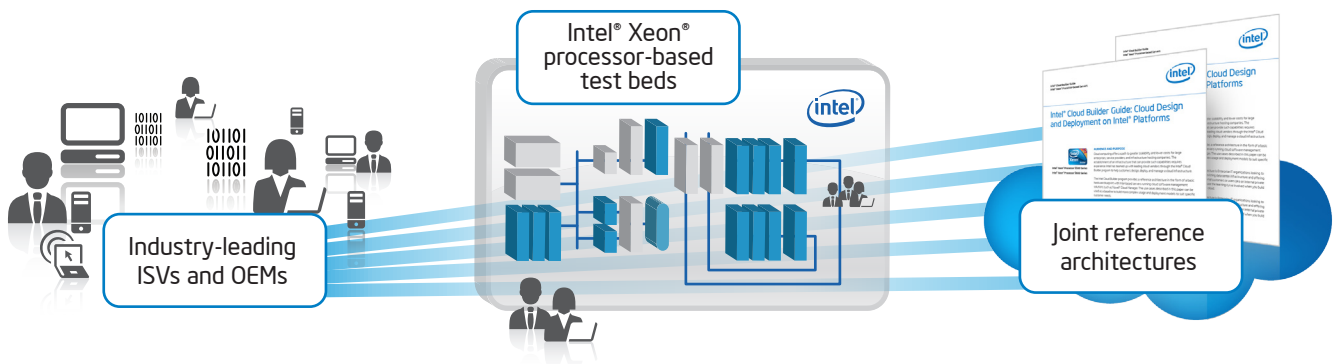
Top engineers from Intel and other cloud ecosystem leaders design, build, and test cloud infrastructures using Intel® Xeon® processor-based test beds. Their best-known methods are then published in reference architectures on the Intel Cloud Builders website. All the lessons learned by the collaborating engineers are available to help accelerate or enhance your own deployment—design guidelines, configuration details, and other valuable tips.

This collaboration between Intel and industry leaders lets you get a head start—you can build, deploy, and optimize cloud infrastructures faster, more efficiently, and more securely than you could if you were to design and build it on your own.

Who Is Involved in Intel Cloud Builders?

Intel Cloud Builders features a growing list of industry-leading software and systems providers. These companies are collaborating with Intel to advance cloud technology and deliver reference architectures that help make it easier for IT to deploy cloud infrastructures and realize benefits sooner.

Intel® Cloud Builders Collaborative Process

Engage with Peers

The Intel Cloud Builders Community is an active online community dedicated to conversations about cloud computing and Intel Cloud Builders. It features expert blogs, webcasts, podcasts, executive chats, and technical discussions on the challenges you face with cloud deployment as well as specifics on Intel Cloud Builders reference architectures. Visit the community today to participate in the conversation.

Where to Find More Information

The Intel Cloud Builders website, www.intel.com/cloudbuilders, is the portal for valuable information and guidance on cloud deployment. Visit the site today to download reference architectures, learn about current research in cloud computing, participate in ongoing cloud discussions, view webcasts, and read about other organizations that are successfully applying cloud principles.

Start Your Cloud Journey Now

Intel Cloud Builders eases deployment challenges by providing detailed starting points to help you build and optimize your cloud infrastructure. With Intel Cloud Builders and its trusted ecosystem, you can simplify and accelerate your cloud infrastructure deployment today.

Visit the Intel Cloud Builders website today: www.intel.com/cloudbuilders
Download a reference architecture today: www.intel.com/cloudbuilders/library