



Dell vStart

The simple, fast and smart path to virtual infrastructure delivered ready to run

Virtual doesn't have to mean complicated – Start Simple

You're familiar with virtualization's many potential benefits and it is definitely a part of your future plans, but you just don't know where to start. In fact, it may seem that the only sure thing about virtualization is that the technology is complicated and the expertise required for success is significant. Or maybe virtualizing your data center is nothing new, but progress is slower and more difficult than you want it to be.

Until now, you had no choice but to spend plenty of time and trouble trying to build a complete, functional virtual infrastructure yourself – perhaps not knowing all of the steps to follow or being able to implement best practices like:

- Designing the virtual infrastructure – requiring you to deeply understand server, storage and networking interdependencies
- Testing to ensure compatibility and interoperability and impact to sizing
- Buying all of the different components, often from a number of sources and then waiting for all of them to arrive, worrying about their interoperability
- Assembling, integrating and configuring all of these different elements – typically requiring expertise from many different areas all working together, including some resources that may also have to be acquired at an additional expense

With Dell vStart, the work of figuring out what infrastructure elements are needed, integration, deployment and making sure it all works together, the way you expect it to, is now done for you. Dell vStart gives you one simple way to get and deploy virtual infrastructure (servers, storage, network, rack, cabling, hypervisors, management software and deployment services) so you can start realizing and maximizing the benefits of virtualization without the complexity.

Virtual infrastructure delivered ready to run – Start Fast

You will have virtual machines up and running before you know it because Dell vStart comes to you ready to go. Delivered pre-racked, pre-cabled, pre-validated and pre-configured – Dell vStart seamlessly plugs into your existing

management consoles using new, essential extensions that incorporate best practices, enabling IT Generalists to do the following and more:

- Streamline server management tools and tasks
- Use deep device-level detail to monitor and alert
- Deploy hypervisors to bare-metal servers
- Remotely update BIOS and Firmware

Focus on the business, not the virtual infrastructure – Start Smart

The more you know, the easier it is to plan for future demands and respond to dynamic business needs. Dell vStart comes pre-sized and pre-validated to run up to 100 or 200 virtual machines depending on selected configuration and workload needs, while making the most of all of your existing people, process and technology resources. Pre-engineered to deliver a powerful, highly-available, highly scalable environment for virtualization, Dell vStart is delivered robust, ready to go, now and in the future. The end result? You get to scale with unprecedented confidence and your teams stay focused on the business, not the virtual infrastructure.

Dell vStart gives you one simple way to quickly get everything you need to start realizing and maximizing the benefits of virtualization without the complexity.

Features	Function	Benefit
Simple to Buy, Complete virtual infrastructure solution	- Pre-engineered, pre-assembled complete configurations available to order simply based on initial desired capacity - Provides the entire infrastructure (server, storage, networking, power, cabling, rack, hypervisor, essential management extensions and deployment services) needed to run Virtual Machines - delivered ready to run	- Can remove the hard work associated with having to research, define, and acquire each infrastructure element individually - vStart is tuned to deliver performance and interoperability in one simple-to-buy solution
Pre-sized virtual infrastructure that scales to meet your needs	- Virtual infrastructure solutions pre-sized to support up to 100 or 200 virtual machines depending on workload needs - Designed with growth in mind, vStart comes ready to extend	- Removes the complex work of trying to determine capacity of future infrastructure investments - Enables you to reclaim the time and effort otherwise spent micro-optimizing each infrastructure element - Reduces the guesswork associated with planning for the future enabling you to scale with confidence, basing your plans on known quantities/qualities
Included virtualization management extensions to leading management consoles	- Essential extensions to leading virtualization management consoles that streamline tools and tasks - Seamlessly provides deep device-level data and automated actions	- Enables IT Generalists to perform additional critical management activities from the same virtual management console they use today, eliminating the need for additional tools - Can eliminate the need for additional training and higher-cost expertise, making the most of the skills and investments you already have
Delivered ready to run VMs	Solution is delivered to customer pre-racked, pre-cabled, pre-validated and pre-configured and ready to run Virtual Machines	Dell does the racking and stacking for you, freeing you to focus on running virtual machines, not building the infrastructure
Included Deployment Services	Initial Setup and Deployment into your environment is included with every vStart	- You don't have to worry about finding and paying for the expertise needed to get up and running on top of just paying for the equipment itself – it's all included, and performed by Dell experts - Quickly deploy virtualized infrastructure to enable faster Return on Investment

Dell Services accelerates your virtualization deployment and keeps you moving forward

Dell IT consulting services are the foundation for planning, designing and implementing an efficient virtual infrastructure solution. From white-boarding sessions to proof of concept to implementation, Dell can help you achieve your virtualization and data center improvement objectives.

Dell's vStart includes all of the services you need to get up and running, but if you would like additional help along your virtual infrastructure journey — Dell Services is here to help. From support services that provide the foundation for secure, reliable high-availability infrastructures to enhanced hardware support to software technical support for problem resolution, we are ready when you are. Be sure to ask about our "phone home" support for Dell servers (and soon storage), as well as help with asset and warranty management.

Dell vStart is currently available in the following configurations:

vStart 100v	vStart 200v
Pre-installed Hypervisors & Management Extensions Initial Deployment Services PowerEdge R610 (x1) PowerEdge R710 (x3) Dell EqualLogic PS6000XV (x 1) PowerConnect 6248 (x4) 42U Rack with all required PDU, UPS, KVM	Pre-installed Hypervisors & Management Extensions Initial Deployment Services PowerEdge R610 (x1) PowerEdge R710 (x6) Dell EqualLogic PS6000XV (x2) PowerConnect 6248 (x4) 42U Rack with all required PDU, UPS, KVM

Learn more and accelerate your virtualization journey at Dell.com/vStart

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