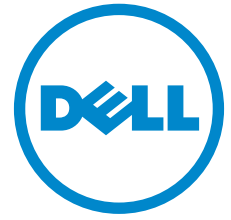


Dell Advanced Infrastructure Manager



Dell™ Advanced Infrastructure Manager (AIM) is a unified resource management platform that provides workload portability between heterogeneous servers and business service resilience.



A flexible solution for dynamic infrastructure management

Transform your existing infrastructure or start with pre-packaged configurations. Dell AIM eases your transition towards a dynamic IT infrastructure that can quickly react and adapt to changing business needs.

Creating a dynamic infrastructure requires coordinated provisioning and configuration management across servers, network and storage connectivity. Dell AIM's graphical user interface presents a unified view of data center resources—both physical and virtual—making infrastructure provisioning simple and intuitive. It allows you to rapidly deploy workloads onto servers and determine how they are connected to networks and storage, without making physical server, cable, or storage area network (SAN) changes.

AIM meets you where you are

AIM works with existing infrastructure and cabling to transform your data center infrastructure from static to dynamic delivering flexibility and operational efficiency. Plus, we can help you implement, maintain and support your new dynamic data center.

AIM enables you to preserve your investments

Because Dell AIM works with industry standard servers, including rack and blade form factors, Ethernet switches, and network storage, you can transition to a more dynamic data center using investments you have already made to your infrastructure.

AIM improves resource utilization

Dell AIM abstracts the workloads from the infrastructure and creates a unified pool of virtual and physical resources. This results in workload portability and reduction of underutilized resources.

AIM provides business service resilience

AIM provides an N+1 availability solution and simplified disaster recovery. A spare server anywhere in the infrastructure can replace any failed server. Dell AIM automatically detects server failures and retargets the failed server's image to an available spare—physical or virtual. Paired with storage replication, AIM can be used to restart workloads at another site in the event of a site outage.

"We believe we can shorten our deployment time for new applications and servers from six weeks to just minutes with the help of Dell Advanced Infrastructure Manager. That's important in our industry, where we need to rapidly meet the growing telecom service needs of consumers, businesses, and carriers around the globe."

Golan Ben-Oni, Chief Security Officer and Senior Vice President of Network Architecture, IDT Telecom

Feature	Technical Specification
Rapid Server Provisioning	<ul style="list-style-type: none"> Instantly provision servers, network connectivity, and storage access Automatically discover and provision a server in minutes by assigning a server image to a specific server and booting the image from local disk or central storage (SAN, NAS, iSCSI) Simplify the provisioning process regardless of the target server's configuration using sophisticated tools that can quickly migrate server images between local disks and central storage Easily migrate server images from Physical to Physical (P2P), Physical to Virtual (P2V), or Virtual to Physical (V2P) for server upgrades, refresh, or consolidation
Cost-Effective Server Failover	<ul style="list-style-type: none"> Eliminate the need for complex and expensive clustering solutions for applications that can sustain momentary failures, protecting all of your applications against hardware failures Dispense with most "standby" servers while still protecting all of your servers by using spare servers anywhere in the infrastructure to replace any failed server Automatically detect server failure, re-target the failed server's image to an available spare—physical or virtual, and establish network and storage connectivity for the spare server
Highly Efficient Shared IT Infrastructure	<ul style="list-style-type: none"> Provision capacity in real time, granting individual high-demand business system servers more physical machine capacity on an as-needed basis without increasing the total number of machines in the data center Create an enterprise computing cloud of any size internal to your company
Virtualization Ready	<ul style="list-style-type: none"> Automate discovery and management of hypervisors and any virtual machines (VMs) already configured Provide seamless mobility of workloads between physical servers and VMs without needing a conversion process Easily grow and shrink cluster capacity based on needs
Heterogeneous Support	<ul style="list-style-type: none"> Work with multiple vendors' servers, networks, and storage arrays including those from Dell, HP, IBM, Cisco, Brocade, EMC and more Support multiple server form factors, including racks and blades Use with a number of hypervisors including: <ul style="list-style-type: none"> VMware® vSphere™ 4.1 (including VMware ESX® 4.1 or VMware ESXi™ 4.1) Xen® Hypervisor provided with Red Hat® Enterprise Linux® 5 Microsoft® Hyper-V™ via Microsoft® Windows Server® 2008

Dell Services is here to help you, at every step

Our IT consulting services can help you quickly identify high-impact projects that deliver return on investment (ROI) and free up resources so you can focus on creating a competitive advantage. In addition, our Dell ProSupport suite of support services will enable you to build the support solution that's right for your organization.

Learn more at Dell.com/AIM and Dell.com/VIS

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