

digital

DIGITAL Internet High Availability Cluster Solutions for Internet Service Providers

Provide non-stop service while you grow

If you're a growing Internet Service Provider (ISP), you need a solution that delivers easy implementation, non-stop service, and the ability to keep pace with explosive growth. You need DIGITAL Internet High Availability Cluster Solutions.

Benefits

- Support key service offerings with failsafe, non-stop service
- Add new service offerings to gain a competitive edge
- Sustain a high growth rate without impacting current customers
- Improve your profit margin by lowering your cost of operations
- Take advantage of DIGITAL's scalable product line to grow at your own pace



scalability

Internet High Availability Cluster Solutions are preconfigured, tested, ready-to-run packages that enable you to put both key applications and premium internet services online quickly and keep them there. Every DIGITAL UNIX AlphaServer™ ships with integrated Internet software that takes care of most of the applications you want to run. The High Availability Cluster Solutions add even more scalability and performance to the AlphaServer platform, plus bullet-proof failover – which means uptime, all the time.

DIGITAL Internet High Availability Cluster Solutions offer:

- The industry's highest performance and scalability
- Pre-tested, production quality solutions with proven high-availability technology
- Applications, services, and Internet expertise

The software solution

The Internet High Availability Cluster Solution includes the latest and most popular Internet software:

- Browser-based graphical Internet AlphaServer Administration Software
- Apache Web server
- SQUID proxy/caching
- IMAP4
- INN News
- TCL
- TCL-CGI
- Expect
- Perl
- Sendmail V8
- TCP Wrapper
- POP-3
- CU-SeeMe™

Note: (Please refer to public software suppliers for copyright and distribution practices relating to individual applications.)

Managing growth is the key

As you grow, just providing basic services such as mail and chat won't help you reach the return on investment you want. You'll want to add both corporate and retail customers to your base. And in order to do so successfully, you'll need to offer new, quickly growing premium services such as web hosting, security advising, interactive video, virtual private networks, internet telephony, and advertising.

In addition, after you reach a certain critical mass of subscribers, you'll need the ability to run more sophisticated, commercial grade solutions such as management tracking, billing and customer care packages. Cluster solutions are the answer for every area of your growing business. Internet High Availability Cluster Solutions can support the entire ISP enterprise, or specific high-profile applications for the larger organization. From start-up platforms to enterprise-scale systems, you can choose a solution that matches your needs now and grows with you at your pace.

What gives you the competitive edge?

The fast-paced Internet marketplace adds particular urgency to buying decisions due to the high cost of downtime and/or slow performance. DIGITAL Internet High Availability Cluster Solutions offer top-of-the-industry advantages in all three areas crucial to your marketplace: *scalability, performance, and reliability.*

flexibility

Ultimate scalability

With the highly scalable AlphaServer architecture and the flexibility of TruCluster™ software, you'll never have to worry about how many users you can support. The entry-level AlphaServer 1000A cluster solution, for example, can handle up to 10,000 users right out of the box!

When you're ready, add an AlphaServer 4100 or two, or a mighty AlphaServer 8400 system. With cluster technology, there's no break in operations or service while you upgrade your environment.

Response time is everything

With high-performance Alpha processors, TruCluster technology, and proven 64-bit DIGITAL UNIX, you can provide split-second response, even at peak times. And you are assured of a foundation to build upon well into the 21st century. Plus, your customer service costs are reduced because subscribers are satisfied with response speed as well as reliable uptime.

High availability -- the most advanced level of reliability

DIGITAL's TruCluster Available Server software features automated fail-over capabilities that render system failures virtually transparent to users. In addition, with

DIGITAL clusters you can carry out "rolling upgrades" of hardware and software components without taking the cluster offline or disrupting user access.

Adding to the solution's availability and ease of management are the DIGITAL Advanced File System software, with support for dynamic online reconfiguration of file systems and rapid reboot capability, and DIGITAL's Logical Storage Manager software for balancing I/O workloads.

Your solution, your way
DIGITAL helps you integrate networking, data communications, and other products developed by DIGITAL and leading third-parties such as Cisco®,

Ascend™, U.S. Robotics®, and Shiva®. You can completely customize your configuration to accommodate multimedia demands, electronic commerce, and other customer needs.

Is Windows NT in your future?

Talk about investment protection! Because the Internet High Availability Solutions run on the peerless AlphaServer platforms, you have the freedom to integrate Microsoft Windows NT into your environment without sacrificing your hardware investment. Only DIGITAL gives you mission-critical UNIX computing today with the ability to integrate seamlessly with a Windows NT environment tomorrow - all within a single product family.





On the hardware side

Internet High Availability Cluster Solutions can be ordered prepackaged in a rackmount cabinet or in custom configurations. The rackmount package includes:

- Matched 64-bit AlphaServer systems in pretested TruCluster Available Server configurations
- 21.5 GB of hot-swappable disk storage and DAT drive
- Two 17-inch monitors with keyboard and mouse
- 16-port Ethernet repeater

The storage story

StorageWorks™ shelves hold gigabytes of storage with hot-swappable disks, redundant power supplies, redundant controllers, and dual ported storage. RAID levels 0, 1, 0+1, or 5 are available on all the AlphaServer systems. Cabinets are designed with front-to-back air flow and support optional Uninterruptible Power Supply (UPS) systems.

Multiple systems and storage can be located in one cabinet with very high availability provided by TruCluster systems eliminating virtually all single points of failure.

For more information

Meet the challenges of rapid deployment and dynamic growth--ensure and enhance your service offerings--lower your costs and raise your return on investment with DIGITAL Internet High Availability Cluster Solutions. Call 800-DIGITAL or contact your local DIGITAL office or Authorized Business Partner. Or go to <http://www.digital.com/info/internet>



high availability

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