Intel® RAID Web Console
Version 9.00

Intel’s new version of Intel RAID Web Console 2 — version 9.00 — delivers significantly more capability and control for managing data at small and large businesses. While other RAID management utilities only provide basic volume configuration, Intel RAID Web Console 2 empowers administrators to further optimize their storage for application performance and data protection. Through the use of an intuitive graphical user interface, Intel RAID Web Console 2 deploys all the critical system storage functions while eliminating a time-consuming learning curve.

Convenient Dashboard View

When implementing small or large-office applications, administrators usually have limited time to spend configuring and optimizing their storage array. With this in mind, Intel delivers the Intel RAID Web Console 2 Dashboard View. Appearing at the start of each Intel RAID Web Console session, the Dashboard View brings all of the most critical operations and reporting to the administrator’s fingertips. Properties being reported include hardware status, storage utilization and health, RAID5/6 enabling and advanced software feature enabling. The Dashboard View also allows server operations such as creating a virtual drive, load configuration, firmware updating, silence alarm, and unlock advanced software options. By reporting and providing all critical operations, Intel RAID Web Console 2 Dashboard View greatly reduces the amount of time needed to configure and optimize the administrator’s application storage. The Dashboard View also has quick links to detailed “help” tutorials.

KEY FEATURES
• Easy Standard Storage Management
  - RAID 0, 1, 10, 5, 50, 6, 60
  - READ/WRITE properties
  - RAID-level Migration
  - Email/Pop-up Alerts
  - Event Notification/Logging
• Advanced Data Protection/Monitoring
  - Consistency Checks
  - Patrol READs
  - Rapid Recovery Snapshot
  - Drive Encryption Management
• Advanced Performance Options
  - SSD Cache
  - Fastpath IO

KEY ADVANTAGES
• Instant Access via Dashboard View
• Improved Configuration/Navigation
  - 45% improvement on RAID 5 iterations
  - Single-screen management GUIs
• Advanced Software Options
  - Only available from Intel
  - Simple electronic key activation
Comprehensive Standard Feature Offering

Intel RAID Web Console 2 has always offered a wide range of storage management features for administrators. These capabilities provide the best in configuration, monitoring and data protection available. Intel RAID Web Console simply delivers RAID 0, 1, 5, and 6 configurations (hardware dependent), and associated spans (10, 50 and 60), while allowing end-users to define specific properties for drive READs and WRITEs. If the administrator wants to upgrade the RAID level, Intel RAID Web Console provides a simple user interface for RAID level migration. In the event of a drive failure, Intel RAID Web Console 2 will alert the Administrator through a pop-up and email, and allows initiation of a rebuild to a hot spare remotely if necessary. And through normal operation Intel RAID Web Console 2 will maintain communication through the storage health monitor and event logs. With the complete set of simplified capabilities being offered, Intel RAID Web Console 2 covers all the bases for any administrator’s needs.

Improved Navigation and Configuration with Intel RAID Web Console 9.00

In an effort to further reduce configuration and time spent managing the storage array, Intel’s usability experts have incorporated several improvements to the navigation of Intel RAID Web Console 2 in version 9.00. Improvements include a simplified RAID-level migration wizard, addition of the Patrol READ properties screen and VD reconstruction wizard and a 45% reduction in background iterations for RAID 5 volume construction. With these improvements in place, administrators can be assured that they will spend less time configuring and managing their application’s storage.

Advanced Features for Data Protection and Monitoring

In order to better protect application data, Intel RAID Web Console 2 version 9.00 delivers advanced monitoring features and premium upgrades for enhancing data protection. Through Intel RAID Web Console’s advanced monitoring features Intel protects against potential drive failures with scheduled consistency checks and patrol reads. Notification of monitoring failures can be delivered via email or a pop-up screen. Extending protection on application data, the Intel Premium Feature, RAPID Recovery Snapshot provides snapshot capabilities; while Drive Encryption Management provides a user environment for managing self-encrypting Drive keys. With Intel RAID Web Console 2 v9.00’s data protection and monitoring features administrators can be assured that their data is secure and ensures against loss.

Performance Optimization with SSD Cache and Fastpath I/O

Driving application performance to unforeseen levels, Intel RAID Web Console 9.00 also offers the Premium Feature, SSD Cache with Fastpath I/O. SSD Cache uses a smaller quantity of SSDs as a large extended READ cache. The result is a huge boost in application performance for a small incremental investment. Fastpath IO creates an optimized datapath to Solid State Drives (SSDs), dramatically increasing MAX IOP performance. By using Intel’s Premium Feature option, end users will see much improved response times for their data center and small office applications.

Availability

www.intel.com/go/RAID for products that include Intel RAID Web Console, Version 9

OS Support

Extensive support includes Microsoft® Windows® Vista/2008/Server 2003/2000/XP, Linux®, Solaris™ (x86)

For more information on the Intel® RAID Web Console 2, visit www.intel.com/go/RAID

For more information on how to make the Intel® RAID products part of your server environment, please contact an Intel® Channel Partner Program participant.