BRIDGING THE GAP FOR APP DELIVERY.

vAPV SERIES DATASHEET

VIRTUAL APPLICATION DELIVERY CONTROLLERS

vAPV Virtual Application Delivery Controllers improve application availability, performance and security while enabling dynamic, flexible and elastic provisioning in cloud and virtual environments.

Powered by Array's 64-bit SpeedCore® platform, vAPV virtual application delivery controllers extend Array's proven application availability, acceleration and security capabilities to virtualized data centers and public/private clouds. Combining the application delivery and traffic management features common to all APV Series products with the flexibility afforded by a virtualized infrastructure, vAPV virtual application delivery controllers enable dynamic pay-as-you-grow scalability and new elastic business models for both development and production environments.

Able to integrate seamlessly with cloud management systems for automated service provisioning, vAPV virtual application delivery controllers are the ideal choice for enterprises, service providers and other seeking scalable and flexible application delivery and load balancing with the ability to improve data center efficiency and enable profitable cloud service offerings.

vAPV virtual ADC appliances include all features and software modules found on Array's APV Series application delivery controller dedicated appliances.

Highlights & Benefits

- 64-bit multi-core traffic management architecture for industry-leading performance, unified management and seamless migration between physical and virtual APV Series platforms
- Integrated local and global server load balancing, link load balancing, caching, TCP multiplexing, compression, IPv6, DDoS protection and Web application firewall
- Multi-level security including a hardened OS and reverse-proxy architecture
- Software SSL offloading, and optional hybrid virtual/dedicated hardware SSL offloading
- Achieve 99.999% application availability, 5x application acceleration and multi-layer application security
- 1024-bit and 2048-bit SSL encryption and decryption
- XML-RPC and cloud APIs for seamless integration with cloud management systems
- Supports industry-leading virtual environments
- Burst protection for automatically handling unexpected increases in traffic; gain peace of mind and maximum customer satisfaction
- Familiar CLI and WebUI for ease of configuration and management
- Centralized management and clustering of multiple vAPV instances
- Non-disruptive upgrades from 10Mbps to 4Gbps throughput; buy only the capacity needed for production or test and scale up, scale out or scale down production or development
- Active-active clustering for up to 32 vAPV instances for redundancy and industry-leading on-demand scalability
- Low cost developers license to tap into Array APIs to create the next generation of network-aware applications and services

Specifications

Supported Hypervisors

- VMware ESXi 4.1 or Later
- XenServer 5.6 or Later
- OpenXen 4.0 or Later
- KVM 1.1.1-1.8.1 or Later
- Hyper-V (Windows Server 2012)

Virtual Machine Requirements

- 2 Virtual CPUs
- 4 Virtual Network Adapters
- 2GB RAM
- 40GB Disk