KEMP360

Optimized Application Delivery

KEMP360

| Monitor | Control | Update | Orchestrate | Report | Measure | Diagnose | Alert |

Application Delivery Stack
Hosted Service

Application Delivery Stack
Public Cloud

Application Delivery Stack + SDN
On-Premise
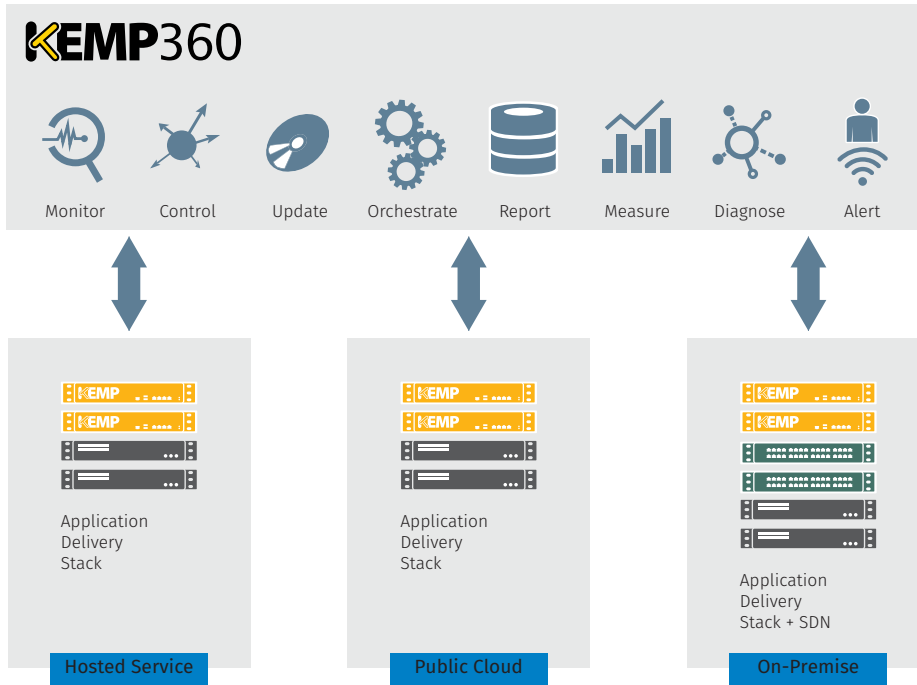
Maximizing Application Delivery Efficiency and Agility

The KEMP360 application delivery framework offers a single point for control, monitoring and diagnosis of key application metrics and drives operational efficiencies with increased visibility, centralized management and reduced resolution times. The KEMP360 framework includes KEMP360 Central, a single pane of glass for management of application delivery infrastructures and KEMP360 Vision which delivers proactive monitoring and diagnosis to minimize or even eliminate the impact of issues in the application delivery infrastructure.
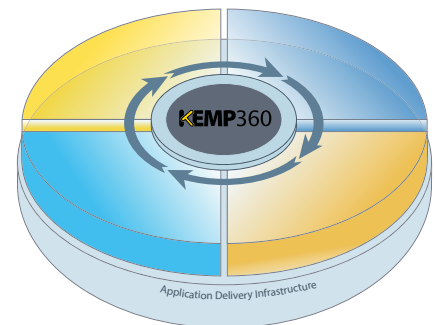
KEMP360 provides centralized visibility on application delivery across all hosting platforms including data center, private cloud, IaaS, PaaS and public cloud. From a single point, application owners have access to all their key application performance metrics while the infrastructure managers have the visibility and controls to easily monitor and manage the application delivery stack.

FEATURE	BENEFIT
Centralized Management	Reduced administration effort with group control of application delivery controllers from a single interface
Manage across Hybrid environments	Seamless control of hybrid environments encompassing on-premise, cloud and hosted scenarios
Real-time resource usage metrics	Quickly identify and resolve capacity and performance issues
Real-time analysis of SDN traffic flows	Accelerate the identification of network issues impacting on application delivery
ADC configuration management	Consistent application of policies and configurations with reduced implementation errors
Application availability measurement and reporting	Avoid complex, time-consuming, manual and error-prone SLA measurement with integrated availability and performance reports
Proactive issue escalation	Immediately leverages the skills and knowledge of the KEMP Customer support team for quicker identification, diagnosis and resolution of issues
24/7 monitoring by KEMP support	Reduce application support costs as KEMP support team deliver round the clock
Customizable thresholds and events	Ensures coverage of the widest possible range of application, network and ADC metrics
Immediate notification of issues	Identify issues early avoiding impact on application subscribers

KEMP360 Use Cases

Maximizing the quality of end-user experience

Intermittent network performance issues

Scenario
At seemingly random but regular intervals, subscriber response times are degraded.

Challenge
The performance issue is being caused by inter-server traffic created by backup jobs and server moves. Investigations into application servers show no problems while the traffic has ceased by the time the issue is escalated to the network team.

With KEMP360
The application owner, upon notification of an end-user performance issue views the status of paths across the network from KEMP360 Central and can immediately identify the problem. This is possible because KEMP360 integrates with SDN controllers and creates a visual representation of paths to the application servers and highlights any congestion issues down to the individual port or switch.

Result
Rapid diagnosis with clear indication of the problem location enabled the application owner to pinpoint the issue to the network team who were able to resolve the issue.

Inconsistent & time-consuming SLA measurement

Scenario
The application owner has a monthly pain-point to collate SLA metrics and create the SLA dashboard.

Challenge
The data point required to create the monthly SLA report are gathered via a manual process and processed via a spreadsheet to create a dashboard. Apart from being time-consuming, the accidental introduction of errors leads to the results being questioned.

With KEMP360
KEMP360 Vision is constantly gathering application availability data and produces dashboards and detailed graphs on-demand which are consistent and require no manual intervention.

Result
Consistent and verifiable SLA measurement removes the errors and the pain of producing SLA dashboards while raising confidence in the results produced.

Securely managing multiple ADCs in a hybrid infrastructure

Scenario
The customer deployment consists of multiple Application Delivery Controllers (ADC) instances deployed in Microsoft Azure, in the on-premise data center and in a hosting service provider.

Challenge
Monitoring and reporting of individual instances is time consuming while there is inconsistencies in firmware versions and the use of application templates. The IT organization has also grown and ADC administration requires separation of roles between configuration management and monitoring.

With KEMP360
With KEMP360 Central, staff with monitoring (read-only) roles can instantly see the status of all ADC services and performance metrics. Network and application owners can centrally deploy application templates and firmware in a consistent manner across all cloud and data center estates.

Result
Reduced cost of operation with consistent implementation of configuration in a role-separated environment.

To enable the maximum flexibility, KEMP360 is delivered in functional modules via a subscription	
KEMP360 Central	Centralized management and monitoring of ADCs, SDN path analysis, license management
	Delivered as a virtual appliance deployable on a range of hypervisor and cloud services
KEMP360 Vision	Proactive issue alerting to KEMP Support, issue and uptime reporting
	Delivered as an on-premise monitor appliance integrated with KEMP's Support Centre