Preview: IBM WebSphere DataPower Edge Appliance XE82 is intended to integrate edge-of-network traffic gateway functions

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At a glance

WebSphere® DataPower® Edge Appliance XE82 is intended to provide:

- Traffic consolidation, monitoring, management, and acceleration for web application delivery
- An appliance-based proxy gateway for web application delivery
- An integrated edge-of-network traffic gateway for use with WebSphere Application Accelerator for Public Networks
- An appliance-based proxy gateway for external application access to Software as a Service (SaaS) and cloud-based applications

Overview

IBM® WebSphere DataPower® Edge Appliance XE82 is intended to provide an integrated edge-of-network traffic gateway that plans traffic consolidation, monitoring, management, and acceleration for web application delivery.

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Description

WebSphere DataPower Edge Appliance

Data center consolidation

The WebSphere DataPower Edge Appliance is intended to reduce the complexity of components required to deliver modern web applications.

- Provide a single platform for:
  - High availability
  - Intelligent workload management (smart load balancing)
  - Security policy enforcement
- Transport policy management
- Content compression
- Cache policy management
- Traffic consolidation

- Simplify topology at the edge of the application delivery zone
- Help lower costs for application delivery
- Simplify management for application delivery components
- Increase agility of application delivery architecture with a scalable and extensible solution
- Reduce the need to purchase many disparate technologies from multiple vendors for application delivery

**Application performance at the edge of the Internet**

The WebSphere DataPower Edge Appliance intends to:

- Optimize the user experience for interactive web applications
- Integrate with WebSphere Application Accelerator for Public Networks for simple solution deployment
- Reduce the need for separate point solutions for:
  - Code optimization
  - Network optimization
  - Systems optimization
- Increase reliability of broad-based Internet communications for mission-critical application delivery
- Enable cost-effective delivery using managed service flexibility (grow with your applications and business)

**Cloud and SaaS application enablement**

The WebSphere DataPower Edge Appliance is intended to:

- Provide centralized security policy enforcement for cloud or SaaS application usage
- Increase reliability of the Internet for delivery of externally hosted mission-critical applications for internal users
- Accelerate the delivery of cloud or SaaS applications to the enterprise network backbone through WebSphere Application Accelerator
- Reduce or eliminate the need for private network connections to public cloud or SaaS vendors

**Statement of general direction**

All statements regarding IBM’s plans, directions, and intent are subject to change or withdrawal without notice.

**Announcement countries**

All European, Middle Eastern, and African countries except

- Iran
- Sudan
- Syria

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