

Arista WAPGate Gateway Server:

Arista WAPGate appliance server is one of the best WAP gateway servers in the industry, developed by Arista Enterprises LLC.

Arista WAPGate is a standard mobile network gateway server platform positioned between the mobile service provider's core network and the Internet. This platform is fully compliant with WAP 1.0, WAP 2.0, and HTTP conformance standards and provides functionality for quick delivery of mobile internet services to WAP-enabled devices. It has been designed to work with nearly all available handsets currently in use and their various web browsers and IP-based applications.

Arista WAPGate appliance server works seamlessly with other Arista WAP products to allow mobile handset manufacturers, mobile service providers, and certification labs to test and prove validation for WAP browsing and downloading services according to CCF and OMA specifications. With an ever-increasing demand for WAP-enabled handsets throughout the world, mobile handset manufacturers must be able to rely on an accurate validation platform for their WAP features in order to satisfy their customers' need for faster and more reliable access to a wide array of WAP-enabled services.

Arista WAPGate is that reliable WAP gateway validation platform.

Hardware Platform:

1U Rack mount Intel®-based Server



Arista WAPGate features:

- Supports CCF-certified WAP download testing tool **WAPD-Load**, *WAP browser testing tool* **WAPCheck**, *Verifying WAPPush* option, or any other mobile IP-based application which requires a Gateway in the test environment.
- Standardized solution that can be customized for different business models according to business need, including content-based billing processes.
- Web-based user interfaces for simple user management and service provisioning.
- Web-based secured interface for operations and maintenance.
- Provides detailed and customizable transaction logs.
- Support for current and future IP-based bearer.
- WAP Gateway Server-side logging view is available.
- Performance, reliability, and scalability.
- Secured server administration through proper authentication, access control, and filtering.
- **“Software Update”** option communicates with Arista Software Release Depot and downloads the latest software package.
- **WAPGate-D** (with add-on) gateway appliance server is required with **WAPD-Load** for Download Descriptor (DD) Version 2.0 coverage.



WAPGate Gateway Server

Part Number: WAP220-001

WAPGate-D Gateway Server

Part Number: WAP220-001(D)

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How Arista *WAPGate* works:

Arista *WAPGate* provides support in the WAP content server/download testing environment for different versions of WAP-enabled mobile handsets. In test environments, Arista *WAPGate* server resides between testing handset and WAP content/download servers. In the commercial environment, Arista *WAPGate* server resides on the mobile service provider's network, serving as the bridge between the mobile device and the server that provides the mobile content. Arista *WAPGate* interfaces with the mobile device using WAP and translates requests it receives from the mobile device to Hypertext Transfer Protocol (HTTP), the standard communications protocol used to transfer information on the Internet. Arista *WAPGate* server then issues the HTTP requests to retrieve the content from the web server. Once the requests from the device are translated into HTTP requests, the resulting internet data is transmitted back to the mobile device in a secured environment. In addition to the protocol translations, Arista *WAPGate* server also compresses the WML data into a compact format to save bandwidth.