

Rocket® BlueZone Access Server

secure. manage. monitor.



Secure Enterprise-Wide Access for Optimal ROI

Includes a robust, scalable secure server with thin, secure browser-based clients

Provides central admin control of configuration, logging, and access

Gives total visibility and control of all connected user sessions

Provides a cost-effective concurrent licensing model

Provides both HTTP and HTTPS connectivity making it easy to traverse firewalls

Provides an excellent mobile/tablet solution through the HTML client



robustness. scalability. high availability.

Rocket® BlueZone Access Server is a three-tier Web-to-host enterprise-class solution that allows you to provide and manage access to applications residing on IBM Mainframes (zSeries), iSeries, and UNIX hosts.

BlueZone Access Server is designed to satisfy your increasing needs for robustness, scalability, and high availability. Its built-in Clustering and Session Load Balancing services enable it to support thousands of concurrent users connected to multiple hosts.

Locally or remotely, administrators can manage in real-time, any number of clusters using the BlueZone Access Manager, to a fine level of detail.

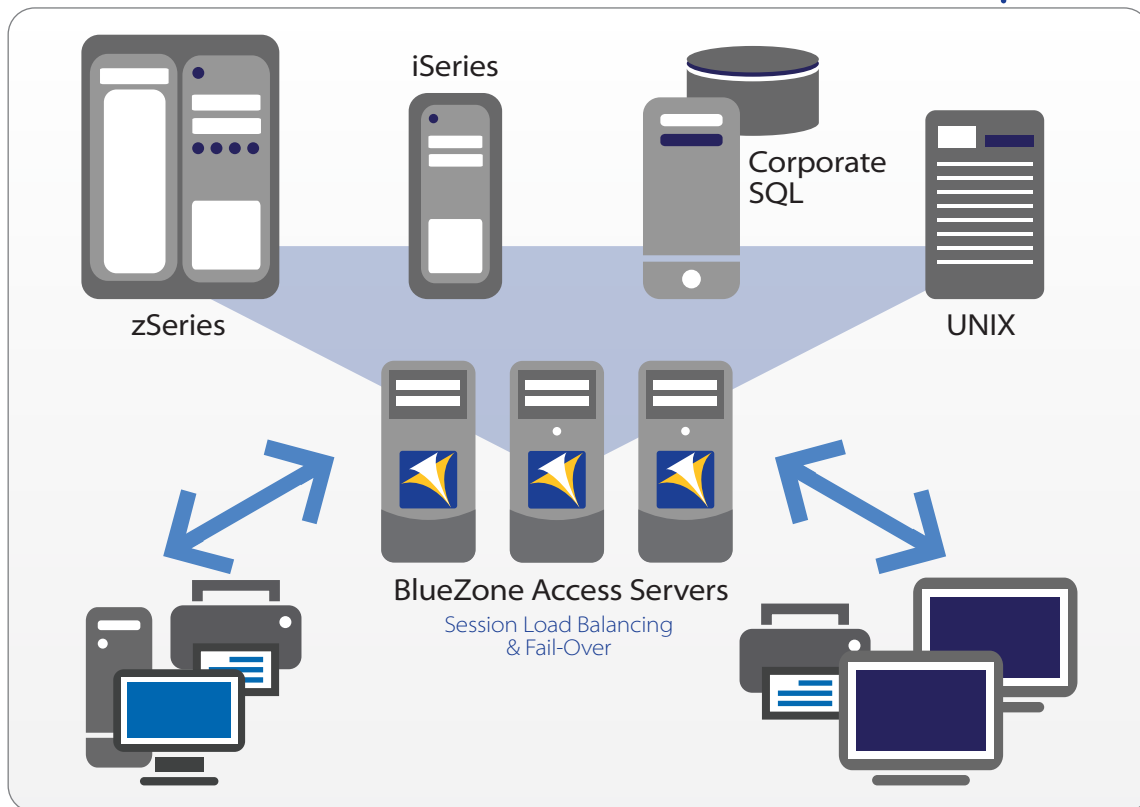
highly secure host access.

In addition to the host authentication, BlueZone Access Server gives you highly reliable multi-layered security features. It incorporates managed access control and synchronized authentication with

Microsoft's Active Directory Services (ADS), Windows Domains, and RSA SecurID. It has a built-in bi-directional 128-bit encryption and supports Secure Sockets Layer (SSL), IP tagging, and LU name assignment.

centralized management and enhanced control.

Whether you deploy single or clustered BlueZone Access Servers, you can use the Host Access Manager (HAM) to centrally administer, manage, or simply monitor activities in real time. HAM is a sophisticated graphical management console that gives you fine granular control on a BlueZone cluster. It is built with structured management concepts for organizational groups, users, sessions, and session pools whereby members of a group automatically inherit the group properties. This reduces the management of thousands of users to a limited number of groups.



optimal performance.

The BlueZone Access Server accommodates back-end host connections over SNA, APPC, and TCP/IP. It is highly scalable with built-in Session Load Balancing (SLB) and Fail-Over (FO) services. BlueZone Access Servers can be deployed either as a single server or in a clustered model to ensure robustness, scalability, and high availability.

The SLB service balances session loads among servers in a BlueZone cluster, while the FO service detects and isolates a disabled server and routes new connections to other servers in the cluster. A disabled server automatically rejoins the cluster upon recovery. The SLB and FO services ensure the highest degree of resource availability and optimum performance for mission-critical applications.

feature-rich clients.

Users can easily access host applications by downloading small footprint clients. These clients are feature-rich and capable of communicating over a persistent (TCP/IP) or non-persistent (HTTP or HTTPS) connection.

BlueZone Access Server clients are centrally deployed with an auto-update capability to ensure production version consistency. In addition, they are available in a browser-based, browserless, or HTML mode.

There are three types of clients for Display, Print, and File Transfer. Administrators can selectively grant access to users depending on their required tasks:

- ❖ The Display Client offers many productivity features including keyboard mapping, local or centralized macros, hot spots, light pen, and a unified look and feel regardless of the host connection type.
- ❖ The Printer Client is highly customizable and can accommodate non-standard print forms. Remote agents, partners or employees can have their reports printed directly over the Internet anywhere in the world.
- ❖ The File Transfer Client supports IND\$FILE, APPC, 5250, and 3270 FTP. With an intuitive interface similar to Windows Explorer, files can be dragged and dropped from source to destination. In addition, unattended transfers can be automated requiring no human intervention.



features.

client features	<ul style="list-style-type: none"> ❖ Modular and downloadable on-demand Host Access clients ❖ ActiveX controls available as MSI package for controlled deployment ❖ Built-in 128-bit encryption for added security ❖ Different client types available including browser-based ActiveX controls, browserless thin clients, HTML-on-the-fly, and Windows clients 	<ul style="list-style-type: none"> ❖ Auto connect feature ❖ Clients communicate with server over persistent (TCP/IP) or non-persistent (HTTP/S) connections ❖ Automatic version upgrade ❖ International language support
display emulation	<ul style="list-style-type: none"> ❖ Design, execute, integrate, and measure business processes ❖ Feature-rich 3270, 5250, and VT100 emulation ❖ GUI-on-the-fly transform support ❖ WinHLLAPI support on Thin Client 	<ul style="list-style-type: none"> ❖ Server- and client-based macros support ❖ Macro conversion from other emulations ❖ Light-pen support for 3270 ❖ Hot spot support ❖ Printing support for VT100
print emulation	<ul style="list-style-type: none"> ❖ Extensive printing capabilities for 3270 and 5250 connections ❖ Full control of the output format using interactive print panel 	<ul style="list-style-type: none"> ❖ Host Print Transform support ❖ Transparent Printing and Printer Pass-through ❖ PDF output capabilities
file transfer	<ul style="list-style-type: none"> ❖ FTP, APPC, and IND\$FILE support ❖ File transfer automation capabilities ❖ Explorer-like drag-and-drop screen 	<ul style="list-style-type: none"> ❖ SQL-editing capabilities (APPC) ❖ Passive or Active mode support (FTP) ❖ ASCII and binary file format support

deployments.

server features	<ul style="list-style-type: none"> ❖ Servers support a single or clustered deployment model ❖ Highly scalable—capable of supporting thousands of concurrent connections ❖ High availability with built-in Session Load Balancing and Fail-Over services ❖ Robust and capable of handling mission-critical applications 	<ul style="list-style-type: none"> ❖ Simultaneous connections to multiple hosts including IBM mainframes (zSeries), AS/400 (iSeries) and UNIX ❖ True three-tier architecture ❖ Cluster profile can reside on corporate SQL server for backup and replication ❖ No specific requirements for host software release level
bluezone access server	<ul style="list-style-type: none"> ❖ SNA, APPC, and TCP/IP host connections ❖ Telnet backup host 	<ul style="list-style-type: none"> ❖ Each server supports up to 1024 concurrent sessions per host type ❖ Persistent and non-persistent communications

deployments continued.

host access manager

- ❖ Centralized cluster management console
- ❖ Capabilities of managing multiple clusters through a single interface
- ❖ Real-time monitoring of cluster activities
- ❖ Host connections, groups, users, sessions, and session pool management
- ❖ Graphical interface
- ❖ Three access levels for added security
- ❖ Local or remote management

security

- ❖ Built-in 128-bit encryption for client communication
- ❖ SSL/TLS encryption for TCP/IP host connections
- ❖ HTTPS (SSL) for client connections
- ❖ RSA SecurID Token Card

authentication

- ❖ Built-in authentication with added security features
- ❖ Integration with Windows Active Directory Services and Windows Domain authentication



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