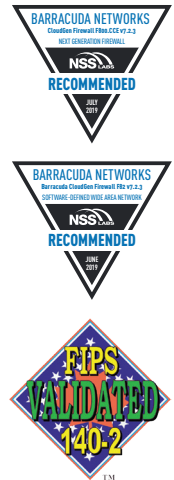


Barracuda Firewall Control Center

Central management of the entire enterprise security infrastructure

Security-conscious companies and managed security providers are confronted with an increasing number of gateways in their networks. Managing hundreds or thousands of systems can require a costly, time-intensive process by qualified staff. Barracuda Firewall Control Center can significantly decrease administrative overhead.



Cost efficiency

Barracuda Firewall Control Center gives full control over system administration costs.

Lifecycle costs: Central update management drastically lowers the time spent deploying patches. Even Barracuda CloudGen Firewalls with different software versions can be centrally managed at the same time.

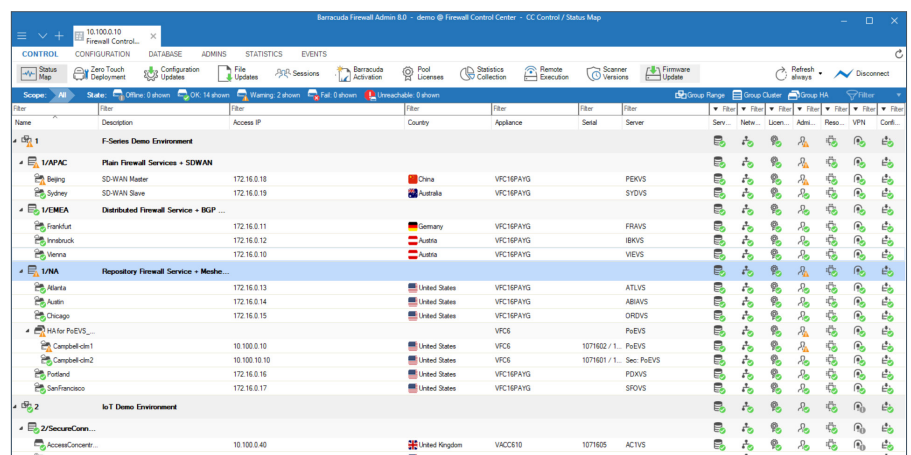
Deployment costs: Using Barracuda Firewall Control Center, rollouts with hundreds of devices can be completed within a few weeks instead of months.

Operating costs: Barracuda Firewall Control Center helps to significantly reduce the cost associated with security management while providing extra functionality both centrally and locally at the managed gateways.

Security management with ease

Firewall rulesets and other security policies, as well as, software patches and version upgrades are centrally controlled from within the management console. Deployment can be scheduled and applied to all managed devices. Highly customizable administrative roles allow delegation

of administrative capabilities for specific departments or locations. Administrators are kept informed at all times on the status of remote gateways and can implement centrally defined security rules at every location. Furthermore, the integrated revision control system provides easy audits and cuts overhead.



Name	Description	Access IP	Country	Appliance	Serial	Server	Stat	Conn	Log	Alert	Update	Refresh	Disconnect
F-Series Demo Environment													
1/APAC Plain Firewall Services - SDWAN													
Beijing	SD-WAN Master	172.16.0.18	China	VFC1PAYS		PEKVS	OK	OK	OK	OK	OK	OK	OK
Sydney	SD-WAN Slave	172.16.0.19	Australia	VFC1PAYS		SYDVS	OK	OK	OK	OK	OK	OK	OK
1/EMEA Distributed Firewall Service - BGP													
Frankfurt		172.16.0.11	Germany	VFC1PAYS		FRFVS	OK	OK	OK	OK	OK	OK	OK
Frankfurt		172.16.0.12	Austria	VFC1PAYS		IBKVS	OK	OK	OK	OK	OK	OK	OK
Vienna		172.16.0.10	Austria	VFC1PAYS		WIEVS	OK	OK	OK	OK	OK	OK	OK
1/NA Repository Firewall Service - Mesh													
Atlanta		172.16.0.13	United States	VFC1PAYS		ATLVS	OK	OK	OK	OK	OK	OK	OK
Austin		172.16.0.14	United States	VFC1PAYS		ABWVS	OK	OK	OK	OK	OK	OK	OK
Chicago		172.16.0.15	United States	VFC1PAYS		ORDVS	OK	OK	OK	OK	OK	OK	OK
SA for PoEVS...				VFC1PAYS		PuEVS	OK	OK	OK	OK	OK	OK	OK
Campbell-cln1		10.100.0.10	United States	VFC1PAYS	1071602 / 1	PuEVS	OK	OK	OK	OK	OK	OK	OK
Campbell-cln2		10.100.0.10	United States	VFC1PAYS	1071601 / 1	Sec PuEVS	OK	OK	OK	OK	OK	OK	OK
Portland		172.16.0.16	United States	VFC1PAYS		PDXVS	OK	OK	OK	OK	OK	OK	OK
San Francisco		172.16.0.17	United States	VFC1PAYS		SFOVS	OK	OK	OK	OK	OK	OK	OK
1/2 SecureComm													
SecureComm...		10.100.0.40	United Kingdom	VACC510	1071605	ACTVS	OK	OK	OK	OK	OK	OK	OK
SC1P402	PLC325-Temp. floor	172.16.1.4	United States				OK	OK	OK	OK	OK	OK	OK

Status overview of a centrally managed Barracuda CloudGen Firewall deployment

Technical specs

Configuration management

- Multi-tenant capabilities
- Configuration templates
- Object database and template repository
- Firewall/VPN policies, application gateway parameters
- Flat file data storage
- Database characteristics (transaction, orientation, locking, etc.)
- Easy configuration backup & restore
- Speed install support via USB key
- Configuration update monitoring
- Full RCS versioning
- VPN graphical tunnel interface
- Barracuda VPN policy management
- Multi-release management
- Multi-platform management
- REST API

Hypervisor support

- VMware
- Hyper-V
- XenServer
- KVM

Status monitoring

- Gateway health state
- Launch pad functionality
- Customizable layout

Trust center

- Gateway x.509 certificate CA
- Gateway SSH key management
- VPN server for management tunnels
- Virtual IP addresses for gateways
- Dynamic gateway IP address support

License center

- Enterprise/MSP licensing
- License timestamp server
- License status display
- Central event message list
- Central event database
- Event forwarding (SNMP, mail)
- Event log

Secure remote execution (SSHv2)

- Job scheduling
- Script management
- Execution log viewer

Central software update

- Real-time version display
- Kernel and OS updates
- CloudGen Firewall updates
- Update log viewer

Administration models

- Fully GUI-based access
- Strong authentication & AES encryption
- Role-based administration
- Adjustable view on configuration tree
- Configurable administrative domains
- Multiple domains per administrator
- Configurable access notification

Reporting & accounting

- Historical reports on gateway activity
- Customer-based gateway activity reports
- Policy distribution
- Control-center resource utilization
- Gateway resource utilization
- Central log host
- Streaming/relaying to external log host
- Barracuda Reporting Server support

Central session tracking

- Administration session display
- Administration session termination

Additional functions

- NTP4 time server for gateways
- Integrated DNS server
- High availability
- SIEM syslog interface
- Public key infrastructure¹
- Revision control system
- Access monitor

Support options

Barracuda Energize Updates

- Standard technical support
- Firmware updates
- IPS signature updates
- Application control definition updates

EDITION COMPARISON	STANDARD		ENTERPRISE		GLOBAL
	VC400	VCC400	VC610	VCC610	VC820
Deployment	Virtual ¹	Public cloud ²	Virtual ¹	Public cloud ²	Virtual ¹
Max. no. of managed gateways (Recommended)	Unlimited (20)	Unlimited (20)	Unlimited (depending on hardware or compute instance)		Unlimited (depending on hardware)
Manageable configuration groupings	1	1	Unlimited	Unlimited	Unlimited
Multi-administrator support	✓	✓	✓	✓	✓
Role-based administration	✓	✓	✓	✓	✓
Revision control system	✓	✓	✓	✓	✓
Central statistics	✓	✓	✓	✓	✓
Central syslog host / relay	✓	✓	✓	✓	✓
Firewall audit information collector / viewer	✓	✓	✓	✓	✓
Access monitor	✓	✓	✓	✓	✓
High availability	Optional	-	Optional	-	HA license included
Multi tenancy	-	-	✓ (via configuration groupings)		✓ (support for 5 tenants, each with multiple groups)
Additional tenant for multi tenancy	-	-	-	-	Optional

¹ Supported hypervisors: VMware, Hyper-V, KVM, and XenServer

² Public cloud edition for Amazon Web Services, Microsoft Azure, and Google Cloud Platform
Specifications subject to change without notice.

