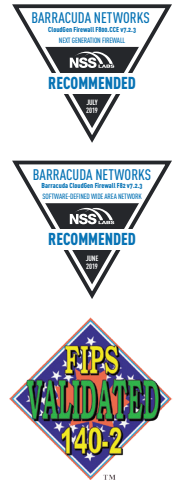


# Barracuda Firewall Control Center

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.

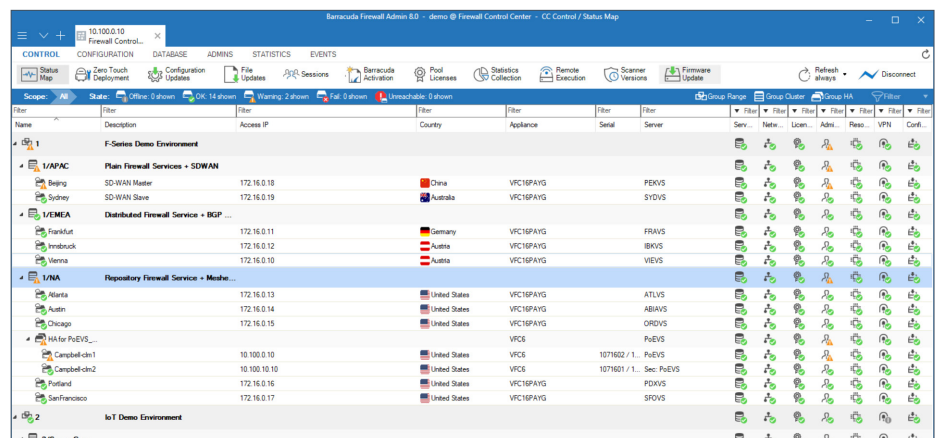
**Deployment costs:** Using Barracuda Firewall Control Center, rollouts with hundreds of devices can be completed within a few weeks instead of months.

**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	Serv...	Netw...	Licen...	Admi...	Reco...	VPN	Conf...
<b>F-Series Demo Environment</b>													
<b>1/APAC Plan Firewall Services - SDWAN</b>													
Beijing	SD-WAN Master	172.16.0.18	China	VFC1P4YG		PER15							
Sydney	SD-WAN Slave	172.16.0.19	Australia	VFC1P4YG		SYD15							
<b>1/EMEA Distributed Firewall Service - BGP ...</b>													
Frankfurt		172.16.0.11	Germany	VFC1P4YG		FRU15							
Amsterdam		172.16.0.12	Austria	VFC1P4YG		BRU15							
Vieana		172.16.0.10	Austria	VFC1P4YG		VEI15							
<b>1/NA Repository Firewall Service - Mesh...</b>													
Atlanta		172.16.0.13	United States	VFC1P4YG		ATL15							
Austin		172.16.0.14	United States	VFC1P4YG		AS15							
Chicago		172.16.0.15	United States	VFC1P4YG		ORD15							
<b>HA for P4EVS...</b>													
Campbell-dm1		10.100.10.10	United States	VFC6		P4E15							
Campbell-dm2		10.100.10.10	United States	VFC6		1071602 / 1 - P4E15							
Portland		172.16.0.16	United States	VFC1P4YG		1071601 / 1 - Sec: P4E15							
San Francisco		172.16.0.17	United States	VFC1P4YG		PDX15							
<b>IoT Demo Environment</b>													
<b>IoT Demo Env...</b>													

Status overview of a centrally managed Barracuda CloudGen Firewall deployment

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## 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
- 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 <sup>1</sup>	Public cloud <sup>2</sup>	Virtual <sup>1</sup>	Public cloud <sup>2</sup>	Virtual <sup>1</sup>
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

<sup>1</sup> Supported hypervisors: VMware, Hyper-V, KVM, and XenServer

<sup>2</sup> Public cloud edition for Amazon Web Services, Microsoft Azure, and Google Cloud Platform

Specifications subject to change without notice.



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