

## Port Usage

<https://campus.barracuda.com/doc/78155518/>

The following tables describe network ports that must be opened in your network firewall or web filtering services to ensure proper communication of the Barracuda Backup appliance with backup infrastructure components.

In addition to the ports below for Barracuda Backup, all Barracuda appliances must have other required outbound connections set up. For more information, refer to [Required Outbound Connections for Barracuda Appliances](#).

You must configure a valid external DNS to resolve to certain Barracuda infrastructure components requiring DNS entries.

**Table 1. Barracuda Backup Connections**

From	To	Protocol	Port	Notes
Barracuda Backup Device	Barracuda Data Centers	TCP/UDP	22	Used for Barracuda support tunnel (described in the <a href="#">Technical Support</a> article).
Barracuda Backup Device	Barracuda Data Centers	HTTP/TCP/UDP	80	Used for activation and connection to local user interface.
Barracuda Backup Device	Barracuda Data Centers	TCP/UDP	123	Used for time sync with Barracuda NTP server(s).
Barracuda Backup Device	Barracuda Data Centers	HTTP/TCP/UDP	443	Used for activation and connection to local user interface.
Barracuda Backup Device	Barracuda Data Centers	TCP/UDP	1194	OpenVPN port used to manage device from Barracuda Cloud Control.
Barracuda Backup Device	Barracuda Backup Agent	TCP/UDP	5120	Used for communication with Barracuda Backup Agent service.
Barracuda Backup Device	Replication Targets (Barracuda Cloud, Amazon Web Services, Barracuda Backup device)	TCP/UDP	5121-5129	Used for offsite data replication.

**Table 2. Virtual Infrastructure**

For a list of additional ports specific to VMware, refer to [Understanding Which Ports to Open for VMware Accessibility](#).

From	To	Protocol	Port	Notes
Barracuda Backup Device	vCenter Server	HTTPS TCP	443	Default port used for connections to vCenter Server.
Barracuda Backup Device	vCenter Server	HTTPS TCP	10443	Used for communication with vCenter Server.
Barracuda Backup Device	ESX(i) Server	HTTPS TCP	443	Default port used for connections to ESX(i) host. Not required if vCenter connection is used.
Barracuda Backup Device	ESX(i) Server	TCP	902	Used for data transfer to ESX(i) host.
Barracuda Backup Device	ESX(i) Server	TCP	22	Used as a control channel.

## Data Transfer IP Ranges

The following sections list the IP addresses used by the Barracuda Backup appliance. Firewall and/or web filtering modifications must be made for outbound traffic only. The Barracuda Backup appliance does not require that you open any inbound ports since the appliance initiates the connection to the Barracuda Cloud.

The IP address ranges are subject to change without notice. If this occurs, the Barracuda Backup appliance stops sending data to the cloud.

### Open Outbound Ports: 80, 443 (TCP)

- 216.129.105.129/32
- 205.158.110.60/32
- 204.156.124.128/32
- 212.118.243.148/32
- 204.14.15.41/32
- 206.180.126.10/32
- 209.18.50.242/32
- 69.7.235.214/32
- 216.162.80.57/32

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**Open Outbound Ports: 1194 (TCP/UDP), 5120-5129 (TCP/UDP), 80, 443**

**USA**

- 64.235.144.0/20
- 209.124.61.96/27
- 209.222.80.0/21

**Canada**

- 64.235.144.0/20
- 204.156.124.0/22
- 198.207.201.64/26

**EMEA United Kingdom**

- 64.235.144.0/20

**EMEA Germany**

- 64.235.144.0/20
- 95.172.71.0/28
- 95.172.75.0/24

**Germany**

- 64.113.52.0/24

**APAC Australia**

- 64.235.144.0/20
- 175.45.106.0/24

**Japan**

- 64.235.144.0/20
- 203.191.241.128/27
- 203.191.241.143/32

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