

Default Host Firewall Rules

<https://campus.barracuda.com/doc/53248588/>

The Host Firewall rule set contains default rules that fit most applications and services that are handled by the Barracuda NextGen Firewall F-Series. The following tables list all Host Firewall rules that are pre-configured.

Default Host Rules of the Barracuda NextGen Firewall F-Series

The default Host Firewall rule set of the Barracuda NextGen Firewall F-Series is divided into the following tabs:

- **Inbound** - Displays all inbound Host Firewall rules.
- **Inbound-User** - (Bound to the **Inbound** set) Shows a subset of inbound Host Firewall rules.
- **Outbound** - Displays all outbound Host Firewall rules.
- **Outbound-User** tab - (Bound to the **Outbound** set) Shows an subset of outbound Host Firewall rules.

Host Firewall Rules - Inbound

	Name	Comment
0	NO-ACCESS	Blocks external access to local IP used for local redirection in forwarding ruleset.
1	MGMT-ACCESS-S	Allows management access via serial line, i.e., device=ppp0
2	MGMT-ACCESS-CC	Allows management access from the CC IPs.
3	MGMT-ACCESS-CC-LIC	Allows management access from the CC IPs.
4	HA-S-STATUS	Allows ICMP based HA-probing of server IPs.
5	HA-B-STATUS	Allows control-control HA status check communication.
6	HA-CONF	Allows configuration sync between HA partners (dedicated HA).
7	HA-SYNC	Allows sync of optional services between HA partners.
8	MGMT-ACCESS-R	Allows exclusive management access for addresses within the ACL.
9	MGMT-ACCESS-REST	Allows exclusive management access for addresses within the ACL.
10	MGMT-ACCESS	Allows exclusive management access for addresses within the ACL.
11	BOX-MGMT-SNMP	Allows exclusive SNMP access for addresses within the ACL.
12	LL-IP-TUNNELS	Allows low level IPIP and GRE tunnels between tunnel endpoints.
13	OP-SRV-MAIL	Allows global access to optional SMTP mail-gateway.

14	OP-SRV-L2TP	Blocks direct external access to the L2TP daemon. L2TP/IPSEC is not affected.
15	OP-SRV-VIRSCAN	Allows global access to optional Virus Scanner Service.
16	OP-SRV-POL	Allows global access to optional Policy Server Service.
17	OP-SRV-VPN	Allows global access to optional VPN service incl. PPTP variant.
18	OP-SRV-DHCP	Allows global access to optional DHCP server service.
19	OP-SRV-DNS	Allows global TCP/UDP access to optional DNS service.
20	OP-SRV-OSPF	Allows global access to OSPF for the optional OSPF-RIP-BGP service.
21	OP-SRV-RIP	Allows global access to RIP for the optional OSPF-RIP-BGP service.
22	OP-SRV-BGP	Allows global access to BGP for the optional OSPF-RIP-BGP service.
23	OP-SRV-SSH	Allows global access to optional SSH proxy service.
24	OP-SRV-SIP	Allows global access to optional SIP proxy service.
25	OP-SRV-FTP	Allows global access to optional FTP gateway service.
26	OP-SRV-SAPRT	Allows global access to optional SAP-Router gateway service.
27	OP-SRV-SNMP	Allows global access to optional SNMP gateway service.
28	OP-SRV-PX	Allows global access to optional HTTP/S proxy service.
29	OP-SRV-AUDIT-COLLECTOR	
30	OP-SRV-NTP	Allows exclusive access to optional local NTP service from local networks.
31	OP-SRV-ICMP	Allows ICMP ECHO requests to Server IPs.
32	BOX-ICMP-PING	Allows ICMP ECHO requests local box addresses.
33	BOX-PPTP-IN	Allows box communication with ADSL/PPTP modem.
34	BOX-DHCP-IN	Allows exclusive access to optional DHCP client service (device=dhcp).
35	BOX-AUTH-MSAD-SYNC-IN	Allows access to configured MSAD user authentication sync type servers. Requires installation of DCAGENT on specified MSAD servers.
36	BOX-AUTH-TSAGENT-SYNC-IN	Allows access to configured TSAGENT sync type servers. Requires installation of TSAGENT on specified terminal servers.
37	BOX-AUTH-WiFiAP-UDP-SYNC-IN	Allows access to configured Wi-Fi Access Point authentication sync type servers via UDP.
38	BOX-AUTH-WiFiAP-TCP-SYNC-IN	Allows access to configured Wi-Fi Access Point authentication sync type servers via TCP.
39	BOX-AUTH-WiFiAP-SSL-SYNC-IN	Allows access to configured Wi-Fi Access Point authentication sync type servers via SSL.

The Barracuda NextGen Control Center box provides the following additional default rules:

	Name	Comment
2	HA-CONF-CC	Allows configuration sync between HA partners (dedicated HA)
6	CC-ACCESS	Allows access to CC services hosted by this box.
10	OP-SRV-CC	Allows for event and status delivery by managed boxes to CC services.
11	OP-SRV-AUDIT	Allows for audit data delivery by managed boxes to CC Audit service.
12	OP-SRV-PKI	Allows access to PKI service hosted by this box.
13	OP-SRV-VPN	Management tunnel (transport) acces to CC VPN server.
14	OP-SRV-DNS	Allows for queries of optional local DNS service.
15	OP-SRV-SYSLOG-SSL	Allows for secure and authenticated delivery of syslog from managed boxes via VPN tunnel.
16	OP-SRV-SYSLOG	Allows for secure and authenticated delivery of syslog from managed boxes via VPN tunnel.

Host Firewall Rules - Inbound-User

	Name	Comment
0	PASSALL	A catch-all rule to warrant free traffic flow. Adapt this to your needs.

Host Firewall Rules - Outbound

	Name	Comment
0	NO-ACCESS	Block direct outbound access from unrouted loopback networks.
1	HA-B-STATUS	Allows control-control HA status check communication.
2	HA-S-STATUS	Allows ICMP based HA-probing of server IPs.
3	HA-CONF	Allows configuration sync between HA partners (dedicated HA).
4	HA-SYNC	Allows sync of optional services between HA partners.
5	LL-IP-TUNNELS	Allows low level IPIP and GRE tunnels between tunnel endpoints.
6	BOX-DNS-MGMT-NAT	Routes connections to the static configured DNS-servers via management tunnel. The explicit connection via interface tap3 routes DNS-requests to the static configured DNS-servers through the management tunnel. It is only useful if the box is using remote management to the MC.
7	BOX-DNSFWD-OUT	Allows local DNS queries to configured DNS servers and root DNS servers.
8	BOX-DNSSLV-OUT	Allows zone transfers initiated by local box DNS slave server.
9	BOX-DNSREC-OUT	Allows recursive local DNS queries.
10	BOX-NTP-OUT-T	Allows NTP queries via box managent tunnel to CC.
11	BOX-NTP-OUT	Allows NTP queries to configured NTP servers.
12	OP-SRV-MAIL	Allows global access for optional SMTP mail-gateway service.

13	OP-SRV-VPN	Allows global access for optional VPN service.
14	OP-SRV-DNS	Allows global access for optional DNS service.
15	OP-SRV-OSPF	Allows outgoing access for OSPF in an optional dyn. routing service.
16	OP-SRV-RIP	Allows outgoing access for RIP in an optional dyn. routing service.
17	OP-SRV-BGP	Allows outgoing access for BGP in an optional dyn. routing service.
18	OP-SRV-PX-FTP	Allows global access for an optional HTTP/S, FTP proxy service or FTP gateway.
19	BOX-SYSLOG-AUDIT-OUT	Allows delivery of logfiles or audit data to CC.
20	BOX-EVENT-OUT	Allows event notification delivery to CC.
21	BOX-STATUS-CC	Allows status notification delivery to CC.
22	BOX-CONFIG-CC	Allows config update delivery to CC.
23	BOX-SYNC-CC	Allows sync to CC.
24	BOX-GW-TEST	Allows ICMP gateway probing.
25	BOX-MONIP-TEST	Allows ICMP monitoring IP probing.
26	BOX-UMTS-TEST	Allows ICMP probing of Wireless WAN gateway and monitoring IPs.
27	BOX-xDSL-TEST	Allows ICMP probing of ADSL link gateway and monitoring IPs.
28	BOX-ISDN-TEST	Allows ICMP probing of ISDN link gateway and monitoring IPs.
29	BOX-DHCP-OUT	Allows broadcasts from local DHCP client service.
30	BOX-DHCP-TEST	Allows ICMP probing of DHCP link gateway and monitoring IPs.
31	BOX-RAM-TEST	Allows ICMP probing of box management tunnel monitoring IPs incl.
32	BOX-RAM-OUT	Allows ICMP probing of box management tunnel gateways (points of entry).
33	BOX-PPTP-OUT	Allows box communication with ADSL/PPTP modem.
34	BOX-AUTH-MGMT-NAT	Routes connections to the authentication servers via management tunnel. The explicit connection via interface tap3 routes authentication requests to the backend servers through the management tunnel. It is only useful if the box is using remote management to the MC.
35	BOX-AUTH-MSAD	Allows access to configured MSAD type authentication servers.
36	BOX-AUTH-MSNT	Allows access to configured MSNT type authentication servers.
37	BOX-AUTH-RADIUS	Allows access to configured RADIUS type authentication servers.
38	BOX-AUTH-LDAP	Allows access to configured LDAP, MSADIR type authentication servers.
39	BOX-AUTH-MSAD-SYNC	Allows access to configured MSAD user authentication sync type servers. Requires installation of DCAGENT on specified MSAD servers.
40	BOX-AUTH-RSA	Allows access to configured RSA-SecurID type authentication servers.

The Barracuda NextGen Control Center box provides the following additional default rules:

	Name	Comment
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5	HA-SYSLOG	Allows for HA sync of optional central syslog service.
7	BOX-DNS-OUT	Allows for DNS requests from local box.
17	OP-SRV-DNS	Allows global access for optional DNS service.
18	OP-SRV-CC	Allows for autonomous CC services access to managed boxes.
19	OP-SRV-CC-R	Allows for autonomous CC services access (license) to managed boxes.

Host Firewall Rules - Inbound/Outbound-User

	Name	Comment
0	PASSALL	A catch-all rule to warrant free traffic flow. Adapt this to your needs.

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