

Operational Events

<https://campus.barracuda.com/doc/48202963/>

The following article provides an overview on all operational events that are processed by the Barracuda NextGen Firewall F-Series.

Event-ID	Description	Relevance	Severity	Notification	Persistent
10	Disk Space Low	On at least one partition between 70 and 90 % of available disk space are in use. Disk usage is graphically depicted in the CONTROL > Resources tab. Low disk space is characterized by a yellow status bar.	Warning	1	yes
11	Disk Space Critical	On at least one partition more than 90 % of available disk space are in use. Disk usage is graphically depicted in the CONTROL > Resources tab. Critical disk space is characterized by a red status bar.	Error	1	yes
20	Memory Low	At least 70 or up to 90 % of available memory are in use. Memory usage is graphically depicted in the CONTROL > Resources tab. Low memory availability is characterized by a yellow status bar.	Warning	1	yes
21	Memory Critical	More than 90 % of available memory are in use. Memory usage is graphically depicted in the CONTROL > Resources tab. Critical memory availability is characterized by a red status bar.	Error	1	yes

30	High System Load	The "Warning" Load Warnings have been exceeded. Thresholds may be configured in the CONFIGURATION > Configuration Tree > Box > Infrastructure Services > Control > CPU-LOAD Monitoring section.	Warning	1	yes
31	Excessive System Load	The "Critical" Load Warnings have been exceeded. Thresholds may be configured in the CONFIGURATION > Configuration Tree > Box > Infrastructure Services > Control > CPU-LOAD Monitoring section.	Error	1	yes
34	Critical System Condition	The Watchdog repair binary could not be executed flawlessly (see: Watchdog ; parameter Run S.M.A.R.T.).	Error	1	yes
35	Power Outage	System power outage.	Error	1	yes
36	Power Restored	System power has been restored.	Information	1	yes
48	Device Mismatch	Network misconfiguration. Number of configured interfaces does not match number of physically available interfaces.	Error	1	no
49	Device Activation Failed	A network interface could not be activated.	Error	1	no
50	Device Down	A network interface has been disabled.	Error	1	yes
51	IP Address Added	The control daemon has added a server IP to the network configuration (for example after manual configuration changes, enabling a server, ...).	Information	1	no
52	IP Address Removed	The control daemon has removed a hitherto existing server IP address from the network configuration (for example after manual configuration changes, blocking or disabling a server, ...).	Information	1	no

55	Assigned IP Address Changed	An IP address, which has been assigned to the system by a DHCP server has changed.	Information	1	no
56	Duplicate DHCP IP	An DHCP server assigned IP address living on the system has additionally been detected in the network.	Warning	1	no
57	Dyn DNS Update Succeeded	Update of a configured DynDNS account (for example DHCP network or ISDN network configuration) has succeeded/failed.	Information	1	no
58	Dyn DNS Update Failed		Warning	1	no
60	Route Added	A route has been added to the active network configuration, for example because an xDLS connection has been activated or a gateway has become available.	Information	4	no
61	Route Deleted	A route has been deleted from the system, for example because a gateway has become unavailable.	Information	4	no
62	Route Changed	The state or a parameter of a route has changed.	Information	4	no
63	Route Enabled	A route has been activated, because for example a server IP has been added to the configuration.	Information	4	no
64	Route Disabled	A route has been disabled, because for example a server IP has been deleted from the configuration.	Information	4	no
65	Route Reactivated	See also Event-ID 66 Route Deactivated . A gateway route has been reactivated because the initial state has been restored.	Information	4	no

66	Route Deactivated	A gateway route has been deactivated because a former gateway IP has become a local IP on a Barracuda NextGen Firewall F-Series system. This event might occur on secondary HA boxes, when the server IP of the primary box (former gateway IP for the secondary box) changes to the secondary box after HA takeover.	Information	4	no
70	Flash RAM auto detection	The Storage Architecture option available in the Box Configuration file might have been misconfigured.	Error	1	no
80	USB Device is not connected	Moving logfiles on an USB device is activated, but the device is not connected.	Warning	1	no
90	Module Error	An error occurred while loading or unloading network module drivers. See log for details.	Error	1	no
100	Missing Configuration File	A server or service configuration file cannot be retrieved, that means it might have been deleted.	Error	1	no
110	Missing Sysctl	Missing sysctl entry. See log for details.	Error	1	yes
120	Missing Executable	A binary needed at start-up could not be found).	Error	1	yes
131	Resource Missing	A resource needed for full system functionality is missing, for example a configured network interface is not available.	Error	1	no
135	Resource Limit Pending	Less than 50 % of maximum command value remain (Successive Command Maximum).	Warning	1	yes

136	Resource Limit Exceeded	The number of concurrent connections allowed to connect to a service or a configured maximum limit has reached a critical value or has been exceeded (Parallel Connection Limit, Spooling Limit). The maximum command counter has been reached or has been exceeded (Successive Command Maximum).	Warning	1	yes
150	Corrupted Data File	The utility dstats has identified a corrupt data file.	Error	1	no
400	Time Discontinuity Detected	The statistics daemon has detected a time shift, that means a deviation from former time settings (for example date/time settings have been changed manually, hardware clock settings are wrong after reboot).	Warning	1	no
500	Invalid License	The license that is installed on the system is invalid, for example the Hardware ID of the system does not match with the ID the license has been issued for or the validity period has been exceeded.	Error	1	yes
501	No License Found	No valid license found. Stopping module.	Error	1	yes
505	License Limit Exceeded	The license limit of IPs protected by the firewall has been exceeded.	Error	1	no
510	Invalid Argument	The Watchdog repair binary could not be executed flawlessly (see: Watchdog).	Error	1	no
600	HA Partner Unreachable	Connectivity between a Barracuda NextGen Firewall F-Series and its high availability partner is disrupted.	Error	1	yes
610	Reporter SSH Host Key Mismatch	The Management Reporter SSH host key does not match.	Error	1	yes

620	Box Unreachable	Connectivity between CC and one of its administered boxes is disrupted. This event is only generated on the CC.	Warning	1	yes
622	Box Reachable Again	Connectivity between CC and one of its administered boxes has been restored. This event is only generated on the CC.	Information	1	no
666	Process Core Found	The core-search utility has found a core dump of a Barracuda NextGen Firewall F-Series process and has moved it to /var/phion/crash.	Warning	1	no
700	SIM Card Handling	SIM card activity on firewall equipped with 3G USB modem. See log for details.	Error	1	yes
701	SIM Card Handling	SIM card activity on firewall equipped with 3G USB modem. See log for details.	Warning	1	yes
702	3G Network Registration	This event occurs if the Barracuda M10 modem dialed in successfully into a GSM network.	Warning	1	yes
703	3G Network Registration	3G network registration on firewall equipped with 3G USB modem.	Error	1	yes
704	Signal Strength	3G network signal strength on firewall equipped with 3G USB modem.	Warning	1	yes
710	SMS Handling	Status information of a Barracuda NextGen Firewall via SMS. See log for details.	Error	1	yes
711	SMS Handling	Status information of a Barracuda NextGen Firewall via SMS. See log for details.	Warning	1	yes
721	SMS Handling	Status information of a Barracuda NextGen Firewall via SMS. See log for details.	Information	1	yes
2000	Start Server	A server has been started either by the system or manually.	Information	4	no
2001	Start Service	A service has been started either by the system or manually.	Information	4	no

2002	Start Box Service	A box-service has been started either by the system or manually.	Information	4	no
2010	Stop Server	A server has been stopped either by the system or manually.	Information	4	no
2011	Stop Service	A service has been stopped either by the system or manually.	Information	4	no
2012	Stop Box Service	A box-service has been stopped either by the system or manually.	Information	4	no
2020	Restart Server	A server has been restarted either by the system or manually.	Information	4	no
2021	Restart Service	A service has been restarted either by the system or manually.	Information	4	no
2022	Restart Box Service	A box-service has been restarted either by the system or manually.	Information	4	no
2030	Block Server	A server has been blocked manually.	Information	4	no
2031	Block Service	A service has been blocked manually.	Information	4	no
2032	Block Box Service	A box-service has been blocked manually.	Information	4	no
2040	Deactivate Server	A virtual server has been deactivated. See log for details.	Information	4	no
2041	Deactivate Service	A service has been deactivated. See log for details.	Information	4	no
2042	Deactivate Box Service	A box service has been deactivated. See log for details.	Information	4	no
2044	No Valid License for Service	A service is missing a valid license. See log for details.	Warning	1	yes

2045	Entering GRACE Mode	A system with a formerly valid license has changed into grace mode, either because the host-key the license has been issued for does not match with the system's host key or because the CC-administered box could not validate its license with the CC.	Warning	1	no
2046	Entering DEMO Mode	The system has been installed without importing a valid license or a valid box license has been removed from it.	Error	1	no
2047	GRACE Mode Expired	Grace mode has expired.	Error	1	no
2050	Reactivate Server	A virtual server has been reactivated. See log for details.	Information	4	no
2051	Reactivate Service	A service has been reactivated. See log for details.	Information	4	no
2052	Reactivate Box Service	A box service has been reactivated. See log for details.	Information	4	no
2054	Subprocess Kill Requested	A sub-process has been killed manually.	Information	1	no
2056	Connection Kill Requested	A firewall connection termination has been forced. See log for details.	Information	1	no
2058	Session Kill Requested	A session kill has been requested by a Barracuda Firewall Admin user. See log for details.	Information	1	no
2060	Emergency Server Start	A server has started because the HA partner is not available.	Warning	1	no
2061	Emergency Server Stop	A server has stopped because the HA partner server is in state active.	Warning	1	no

2070	Daemon Startup Failed	A daemon's startup/shutdown has failed/succeeded. The daemon responsible for the event will be included in the event message. Eventing notifications may be configured per daemon (for example NTPd). They will only be generated for controlled startup/shutdown sequences and not for manual process terminations.	Warning	1	no
2071	Daemon Startup Succeeded		Information	1	no
2072	Daemon Shutdown Failed		Information	1	no
2073	Daemon Shutdown Succeeded		Information	1	no
2080	Time Synchronization Failed	NTP sync with the configured NTP server has failed. NTP synchronization settings are defined in CONFIGURATION > Configuration Tree > Box > Administrative Settings > TIME Settings/NTP.	Warning	1	no
2081	Time Synchronization Succeeded	NTP sync with the configured NTP server has succeeded. NTP synchronization settings are defined in CONFIGURATION > Configuration Tree > Box > Administrative Settings > TIME Settings/NTP.	Information	1	no
2082	Time Synchronization Denied	NTP sync with the configured NTP server has been denied. NTP synchronization settings are defined in CONFIGURATION > Configuration Tree > Box > Administrative Settings > TIME Settings/NTP.	Error	1	no
2099	CTRL-ALT-DEL	A system reboot has been triggered manually at the physical console by pressing the keys CTRL-ALT-DEL simultaneously.	Information	4	no
2100	Reboot Requested	A system reboot has been triggered manually using Barracuda NextGen Admin.	Information	4	no

2101	System Halt Requested	A system shutdown has been triggered manually.	Information	4	no
2102	Network Restart Requested	A network restart has been triggered manually using Barracuda NextGen Admin.	Information	4	no
2103	Activate New Network Configuration	A new network configuration has been activated manually using Barracuda NextGen Admin.	Information	4	no
2104	NG Firewall Start	The NGFW Subsystem (network and NGFW OS processes) has been started.	Information	1	no
2105	NG Firewall Stop	The NGFW Subsystem (network and NGFW OS processes) has been stopped.	Information	1	no
2120	Mail DSN Message Sent	A DSN (Delivery Status Notification) message has been generated and sent by the mail gateway (for example due to undeliverable mail). Further DSN generation conditions are configurable in the Limits configuration section of the mail gateway.	Information	1	no
2210	Network Subsystem Restart	The network subsystem (routes, IP addresses, network interface drivers) has been restarted.	Information	1	no
2212	Unclean Network Subsystem Activation	An error has occurred during network subsystem activation.	Warning	1	no
2220	Network Subsystem Shutdown	The network subsystem (routes, IP addresses, network interface drivers) has been shut down.	Information	1	no
2222	Unclean Network Subsystem Shutdown	An error has occurred during network subsystem shutdown.	Information	1	no
2230	Network Subsystem Check	The network subsystem configuration has been checked for consistency.	Information	1	no
2232	Network Subsystem Check	The network subsystem configuration has been checked for consistency.	Information	1	no

2234	Network Subsystem Check Failed	An error has been discovered during network subsystem configuration check.	Warning	1	no
2240	Link Activation Failed	Activation of a dynamic link (for example xDSL, WWAN, DHCP) has failed. The reason for activation failure is provided in the event message.	Error	1	no
2242	Sublink Activation Failed	Activation of a dynamic network subsystem (e.g., DHCP, UMTS or DSL) failed. See log for details.	Error	1	no
2250	PCMCIA Bus Reset	Resetting the PCMCIA bus to recover from potential modem lockup by power cycling it.	Error	1	no
2380	Flawed Configuration Data Activation	The rule file containing the domain settings of the mail gateway service is either missing or a corrupt rule file has been loaded. This event is only reported when parameter Bad Rulefile Loaded) is set to yes .	Error	1	no
2500	FW Forwarding Loop Suppressed	These events are triggered when the firewall engine delivers a local targeted session from the local firewall to the forwarding firewall (because of a non existing local listening socket) and in the forwarding firewall a rule matches that does not perform DNAT.	Information	1	no
2502	FW Local Redirection Suppressed		Information	1	no
2511	FW Worker Limit Exceeded	Firewall worker limit has exceeded the maximum value. See log for details.	Error	1	yes
3000	VPN Server Tunnel Terminated	The VPN peer IP address and/or gateway is unavailable or the VPN tunnel has been terminated manually.	Information	1	no
3001	VPN Alternative Tunnel Activated	A VPN alternative tunnel will be activated, when the active partner of the tunnel changes his Bind-IP address (for example provider failure).	Warning	1	no

3002	VPN Server Tunnel Activated	A VPN Site-to-Site tunnel has been activated.	Information	1	no
3003	VPN Server On Demand Tunnel Activated	A on-demand VPN Site-to-Site tunnel has been activated.	Notice	1	no
3004	VPN Server On Demand Tunnel Deactivated	A on-demand VPN Site-to-Site tunnel has been activated.	Notice	1	no

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