

## Security Events

<https://campus.barracuda.com/doc/43846876/>

The following article provides an overview on all security events that are processed by the Barracuda NG Firewall.

Event-ID	Description	Relevance	Severity	Notification	Persistent
53	Duplicate IP Detected	An IP address living on the system has additionally been detected in the network.	Warning	2	yes
140	Mail Size Limit Exceeded	The size of an e-mail has exceeded the configured limit (see: ). This event is only reported when parameter <b>Limit Mail Data Size</b> is set to <b>yes</b> .	Notice	2	no
300	User ID (UID) Invalid	See description.	Security	3	no
304	Reserved Login ID Used	See description.	Security	3	no
2400	Config Node Change Notice	A configuration file has been edited in the Barracuda NG Control Center configuration tree. "Config node change" events are only reported if event notification has been configured for configuration file changes (CC context menu entry <b>Properties ...</b> ). The following events apply: <ul style="list-style-type: none"> <li>• Normal Event - Event-ID 2400</li> <li>• Notice Event - Event-ID 2401</li> <li>• Alert Event - Event-ID 2402</li> </ul>	Notice	2	no
2401	Config Node Change Warning		Warning	2	no
2402	Config Node Change Alert		Security	3	no

2420	NG Firewall Login Notice	An application has been granted administrative access to the system. Barracuda Networks applications generate "Barracuda Networks Subsystem Login" notifications every time a user has successfully logged into an application that interacts with the graphical administration tool Barracuda NG Admin (for example control, event, statistics, config). The severity level for notifications regarding access to box services is configurable in <b>CONFIGURATION &gt; Configuration Tree &gt; Box &gt; Advanced Configuration &gt; Access Notification</b> ; Notifications for other services may be customized per service.	Notice	2	no
2421	NG Firewall Login Warning		Warning	2	no
2422	NG Firewall Login Alert		Security	3	no
2510	FW Global Connection Limit Exceeded	The number of total sessions allowed for a request has been exceeded (see: <a href="#">General Firewall Configuration</a> ).	Security	3	yes
2600	DHCP Lease Deleted	Not available.	Notice	2	no
3011	CRL Collection Failed	Collection of the <b>Certificate Revocation List (CRL)</b> has failed. Paths to CRLs are defined in the <b>VPN Settings &gt; Root Certificates</b> tab > <b>Certificate Revocation</b> tab (see: ). Polling for CRL retrieval is defined through parameter <b>CRL Poll Time</b> .	Security	3	no
3012	VPN Client Version	Not available.	Warning	2	no
3013	Antivir Pattern Update Failed	Update to the recent Virus Scanner definitions has not succeeded.	Security	3	no
4000	FW Port Scan Detected	The number of blocked requests has exceeded the Port Scan Threshold within the configured Port Scan Detection Interval. Limit values can be customized in the <b>Firewall Settings &gt; Reporting</b> tab.	Notice	2	no

4002	FW Flood Ping Protection Activated	The Min Delay time for pinging defined in a Firewall Service Object (see: ) has been under-run and the connection has thus been blocked by the FW.	Warning	2	no
4004	FW Activating Perimeter Defence (inbound mode)	The Inbound Mode Threshold (%) value specified in the Local Firewall settings (see: <a href="#">Host Firewall</a> ) has been exceeded.	Security	3	no
4006	FW Pending TCP Connection Limit Reached	The number of pending TCP sessions per source IP exceeds the allowed maximum. Requests initiating further pending sessions will be blocked. The threshold is configurable in the <b>Firewall Forwarding Settings &gt; Firewall</b> tab (parameter <b>Max. Pending Forward Accepts/Src</b> ).	Security	3	no
4008	FW UDP Connection per Source Limit Exceeded	The maximum number of UDP sessions per source IP has been exceeded. The thresholds can be configured in the <b>Local Firewall Settings &gt; Session Limits</b> tab (parameter <b>Max Local-In UDP/Src</b> ) and in the <b>Firewall Forwarding Settings &gt; Firewall</b> tab (parameter <b>Max. Forwarding UDP/Src</b> ).	Warning	2	no
4009	FW UDP Connection Limit Exceeded	The maximum number of UDP sessions has been exceeded. The threshold can be configured in the <b>Local Firewall Settings &gt; Session Limits</b> tab (parameter <b>Max UDP (%)</b> ).	Security	3	no
4010	FW Oversized SYN Packet Dumped	An oversized SYN packet has been dropped by the firewall.	Notice	2	no
4012	FW Large ICMP Packet Dumped	An ICMP-ECHO packet larger than the configured Max Ping Size (see: <a href="#">Service Objects</a> ) has been dropped by the firewall.	Notice	2	no
4014	FW IP Spoofing Attempt Detected	An IP spoofing attempt has been discovered.	Notice	4	no

4015	FW Potential IP Spoofing Attempt	A SYN flooding attack has been identified (see: <a href="#">Best Practice - Protect Against TCP SYN Flooding Attacks with TCP Accept Policies</a> ).	Notice	4	no
4016	FW Rule Connection Limit Exceeded	The maximum number of concurrent connections allowed per rule has been exceeded. The maximum value is defined by parameter <b>Max. Number of Sessions</b> (see: <a href="#">General Firewall Configuration</a> ).	Warning	2	no
4018	FW Rule Connection per Source Limit Exceeded	The maximum number of concurrent connections allowed per rule and source has been exceeded. The maximum value is defined by parameter <b>Max. Number of Sessions per Source</b> (see: <a href="#">General Firewall Configuration</a> ).	Warning	2	no
4020	FW Rule Notice	A firewall rule equipped with event generation has been processed. The severity level of the generated event is defined by the rule (see: <a href="#">How to Configure Event Notifications</a> ).	Notice	2	no
4021	FW Rule Warning		Warning	2	no
4022	FW Rule Alert		Security	3	no
4024	FW Global Connection per Source Limit Exceeded	The maximum number of concurrent connections allowed per source has been exceeded. The maximum value is defined by parameters <b>Max Local-In Session/Src</b> in the <b>Local Firewall Settings</b> and <b>Max. Forwarding Session/Src</b> in the <b>Forwarding Firewall Settings</b> .	Warning	2	no
4026	FW ICMP-ECHO Connection per Source Limit Exceeded	The maximum number of concurrent ICMP-ECHO connections allowed per source has been exceeded. The maximum value is defined by parameters <b>Max Local-In Echo/Src</b> in the <b>Local Firewall Settings</b> and <b>Max. Forwarding Echo/Src</b> in the <b>Forwarding Firewall Settings</b> .	Warning	2	no

4027	FW ICMP-ECHO Connection Limit Exceeded	The maximum number of ICMP-ECHO connections has been exceeded. The threshold can be configured in the <b>Local Firewall Settings &gt; Session Limits</b> tab (parameter <b>Max Echo (%)</b> ) (see: <a href="#">General Firewall Configuration</a> ).	Warning	2	no
4028	FW OTHER-IP Connection per Source Limit Exceeded	The maximum number of concurrent OTHER-IP connections (all IP protocols except TCP, UDP and ICMP) allowed per source has been exceeded. The maximum value is defined by parameters <b>Max Local-In Other/Src</b> in the <b>Local Firewall Settings</b> and <b>Max. Forwarding Other/Src</b> in the <b>Forwarding Firewall Settings</b> .	Warning	2	no
4029	FW OTHER-IP Session Limit Exceeded	The maximum number of OTHER-IP sessions (all IP protocols except TCP, UDP and ICMP) has been exceeded. The threshold can be configured in the <b>Local Firewall Settings &gt; Session Limits</b> tab (parameter <b>Max Other (%)</b> ).	Warning	2	no
4050	FW ARP MAC Address Changed	Not available.	Notice	2	no
4051	FW ARP Ambiguous Duplicate Reply	Not available.	Notice	2	no
4052	FW ARP Request Device Mismatch	Not available.	Notice	2	no
4053	FW ARP Reverse Routing Interface Mismatch	Not available.	Notice	2	no
4060	IPS Log Notice	IPS Signature.	Notice	666	no
4061	IPS Log Warning	IPS Signature.	Warning	666	no
4062	IPS Log Alert	IPS Signature.	Security	666	no
4063	IPS Drop Notice	IPS Signature.	Notice	666	no
4064	IPS Drop Warning	IPS Signature.	Warning	666	no

4065	IPS Drop Alert	IPS Signature.	Security	666	no
4100	User Unknown	A system login has been attempted with an unknown login ID ( <b>CONFIGURATION &gt; Configuration Tree &gt; Box &gt; Advanced Configuration &gt; Access Notification</b> , see: <a href="#">How to Configure Access Notifications</a> ).	Warning	2	no
4110	Authentication Failure Notice	A login attempt with a valid login ID has failed ( <b>CONFIGURATION &gt; Configuration Tree &gt; Box &gt; Advanced Configuration &gt; Access Notification</b> , see: <a href="#">How to Configure Access Notifications</a> ).	Notice	2	no
4111	Authentication Failure Warning	A login attempt with a valid login ID has failed the second time ( <b>CONFIGURATION &gt; Configuration Tree &gt; Box &gt; Advanced Configuration &gt; Access Notification</b> , see: <a href="#">How to Configure Access Notifications</a> ). The ACL does not match (see: , - <b>Allowed Phone Numbers</b> ).	Warning	2	no
4112	Authentication Failure Alert	A login attempt with a valid login ID has failed at least three times ( <b>CONFIGURATION &gt; Configuration Tree &gt; Box &gt; Advanced Configuration &gt; Access Notification</b> , see: <a href="#">How to Configure Access Notifications</a> ). Password authentication failure and/or unsuccessful command match (see: , - <b>Command Codes</b> ).	Security	3	no
4120	Session Opened Notice	See description.	Notice	2	no
4121	Session Opened Warning	A traced user has initiated an SSH connection (see: - <b>Recorded Users</b> ).	Warning	2	no
4122	Session Opened Alert	See description.	Security	3	no

4124	Remote Command Execution Notice	Remote command execution has been triggered remotely by the Barracuda NG Control Center (in <b>CC CONTROL &gt; Remote Execution</b> ) or by an authorized user. Note that copying files with SCP also generates this event. Successful authentication and command is accepted (see: , - <b>Command Codes</b> ).	Notice	2	no
4125	Remote Command Execution Warning		Warning	2	no
4126	Remote Command Execution Alert		Security	3	no
4130	System Login Notice	The quality of these event notifications is determined by the settings made in <b>CONFIGURATION &gt; Configuration Tree &gt; Box &gt; Advanced Configuration &gt; Access Notification</b> (see: <a href="#">How to Configure Access Notifications</a> ). The following notifications apply with default settings: <ul style="list-style-type: none"> <li>• Notice (not assigned)</li> <li>• Warning (successful SSH and remote SSH login)</li> <li>• Alert (successful console login). Login failure triggers events 4110, 4111, and 4112 (see above).</li> </ul>	Notice	2	no
4131	System Login Warning		Warning	2	no
4132	System Login Alert		Security	3	no
4160	Log Data Deleted	See description.	Notice	2	no
4162	Statistics Data Deleted	See description.	Notice	2	no
4163	Statistics Collection Failed	See description.	Notice	2	no
4200	CTRL-ALT-DEL	See description.	Warning	2	no
4202	System Reboot	The system has been rebooted. Manual reboot will trigger this event just like the Watchdog repair binary (see: <a href="#">Watchdog</a> ).	Warning	2	no
4204	System Shutdown	The system has been shut down.	Warning	2	no
4206	Runlevel Changed	The runlevel of the operating system has changed. Runlevels change during system boot.	Notice	2	no
4210	Single User Mode	The system has been booted in Single User mode using the boot option "single".	Warning	2	no

4212	Problems During Bootup	See description.	Warning	2	no
4214	Incomplete Previous Boot	The previous system bootup could not be completed.	Warning	2	no
4220	System Boot	The system is starting the bootup process.	Notice	2	no
4222	Emergency System Boot	See description.	Warning	2	no
4240	Bootloader Configuration Change	See description.	Notice	2	no
4242	Two Phase Kernel Update	See description.	Notice	2	no
4244	Automatic Kernel Update	See description.	Notice	2	no
4246	Kernel Update Rejected	See description.	Warning	2	no
4248	Custom Bootloader or Kernel Update	See description.	Notice	2	no
4250	Bootloader Test Activation Failure	See description.	Notice	2	no
4252	Bootloader Activation Failed	See description.	Warning	2	no
4254	Bootloader Disaster Recovery	See description.	Warning	2	no
4256	Bootloader Reconfigured	See description.	Notice	2	no
4258	Kernel Update	See description.	Warning	2	no
4260	Pending Kernel Update	See description.	Warning	2	no
4261	Activate Pending Kernel Update	See description.	Warning	2	no
4262	Bootloader Reconfiguration Failed	See description.	Warning	2	no
4264	Kernel Update Failed	See description.	Warning	2	no



4300	Empty ACL Encountered	See description.	Security	3	no
4302	Overlong ACL Encountered	See description.	Security	3	no
4304	Password Update Failure	See description.	Security	3	no
4306	Password Updated	The password of the support user or the user "root" has changed.	Warning	2	no
4307	Key Updated	The root public RSA key has changed.	Warning	2	no
4400	Release Update Triggered	Software update has been triggered manually.	Notice	2	no
4402	Subsystem Release Update Succeeded	See description.	Notice	2	no
4404	Subsystem Release Update Cancelled	A software update has been cancelled.	Notice	2	no
4406	Subsystem Release Update Aborted	See description.	Warning	2	no
4408	Release Update Failed	See description.	Security	3	no
4410	Release Inconsistencies Detected	Incorrect RPM packages have been installed, for example hotfixes intended for another Barracuda NG Firewall release version, or Barracuda Networks files have been modified, for example by manually editing a Barracuda Networks script.	Warning	2	no
4412	Active Kernel not in RPM-DB	The Linux Kernel in use has not been added to the RPM database.	Notice	2	no
4450	New Barracuda Software Update	A new software update from Barracuda Networks is available. See <a href="#">DASHBOARD General Page</a>	Notice	2	yes
4460	New Product Tip	A new Product Tip from Barracuda Networks is available. See <a href="#">DASHBOARD General Page</a>	Notice	2	yes

4500	Mail Data Discarded	An e-mail has been discarded from the mail queue (see: - <b>Mail Queue Tab, Discard Mail</b> ). This event is only reported when parameter <b>Admin Reception Commands</b> (see: ) is set to <b>yes</b> .	Notice	2	no
4504	Mail Operation Changed	An e-mail has been allowed or blocked manually ( <b>Processes Tab, Allow Mail Reception/Block Mail Reception</b> ). This event is only reported when parameter <b>Admin Discard Mail Cmd</b> is set to <b>yes</b> .	Notice	2	no
4506	Mail Delivery Refused	E-mail delivery to a banned recipient has been refused. This event is only reported when parameter <b>Recipient Dropped</b> is set to <b>yes</b> .	Notice	2	no
4508	Mail Relaying Denied	Relaying of an e-mail has been denied according to content filter configuration. This event is only reported when parameter <b>Mail Denied</b> (see: ) is set to <b>yes</b> .	Notice	2	no
4512	Mail Rule Notice	These are customized events with corresponding customized descriptions, which are triggered when Action type 'Event' is used. <ul style="list-style-type: none"> <li>• Event-ID 0 = Severity Notice</li> <li>• Event-ID 1 = Severity Warning</li> <li>• Event-ID 2 = Severity Security</li> </ul> Events will only be reported when parameter <b>User Defined Rule Event</b> is set to <b>yes</b> (default).	Notice	2	no
4513	Mail Rule Warning		Warning	2	no
4514	Mail Rule Alert		Security	3	no
4600	Attempted Illegal Assignment		See description.	Security	3

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