

Machine Learning

<https://campus.barracuda.com/doc/104380361/>

This article refers to capabilities that will be gradually rolled out to customers Q2 2024 through Q3 2024.

Machine learning models can recognize and filter out unwanted messages by continuously learning and adapting to new spam tactics, minimizing the chance of falling victim to phishing or scams. In Email Gateway Defense, the use of machine learning algorithms can help identify and block malicious emails before they reach your inbox, enhancing your email security and further protecting your organization from evolving email threats.

Email Gateway Defense uses machine learning algorithms by default. Emails blocked by machine learning will include the threat type in the Message Log details. Click on a message in the table and its Action and Reason displays. Use the **Reason** dropdown filter to find additional threat types by selecting a threat type such as Spam or Extortion. For more information on how to use the Message Log, see [Understanding the Message Log](#).

To find all messages blocked by machine learning, run a keyword search in the Message Log, for example, `reason_extra:machine`. This will result in all messages tagged with "machine learning".

Barracuda Email Protection | EMAIL GATEWAY DEFENSE formerly Barracuda Essentials

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Overview Domains Inbound Settings Outbound Settings ATP Settings Users Reports Account Management Support

Dashboard Message Log ATP Log Outbound Quarantine Audit Log

Message Log

Message Filter: Inbound All Reading Pane: Right Bottom Off

Search: All domains 2 days Search Advanced Search Saved Searches (1 to 50) Next 50

From	To	Subject	Date	Size	Delivery	Reason	Score
Saava Partner	braun@address...	*WARNING: User account deactivation notice	02:24PM	2 KB	Not Delivered	Extortion	
Saava Partner	vince.mchugh@...	* Black Friday Deal: Save \$250 Now	02:24PM	2 KB	Not Delivered	Barracuda Real-Time Syst...	
Saava Partner	ifunderburk@ad...	* Black Friday Deal: Save \$250 Now	02:24PM	2 KB	Not Delivered	Barracuda Real-Time Syst...	
Saava Partner	alfo@address.c...	* Black Friday Deal: Save \$250 Now	02:24PM	2 KB	Not Delivered	Barracuda Real-Time Syst...	
iPhone 15 Pro	gdunwell@addre...	* Celebrating T-Mobile anniversary with an iPhone 15 Pro	02:24PM	4 KB	Not Delivered	Barracuda Real-Time Syst...	
iPhone 15 Pro	gabney@address...	* Celebrating T-Mobile anniversary with an iPhone 15 Pro	02:24PM	4 KB	Not Delivered	Barracuda Real-Time Syst...	
Airline Customer...	hailhigh@addre...	* Airline Passenger Satisfaction Survey: Your \$50 Reward Is Waiting!	02:24PM	2 KB	Not Delivered	Barracuda Real-Time Syst...	
iPhone 15 Pro	fapri06@addre...	* Celebrating T-Mobile anniversary with an iPhone 15 Pro	02:24PM	4 KB	Not Delivered	Barracuda Real-Time Syst...	
Saava Partner	broken@address...	* Black Friday Deal: Save \$250 Now	02:24PM	2 KB	Not Delivered	Barracuda Real-Time Syst...	
Elon Power Bank	ckoway@address...	* Introducing Stop Watt: Save Energy and Reduce Your Bills	02:24PM	4 KB	Not Delivered	Barracuda Real-Time Syst...	
Elon Power Bank	namakone@blackt...	* Introducing Stop Watt: Save Energy and Reduce Your Bills	02:24PM	4 KB	Not Delivered	Barracuda Real-Time Syst...	

Message was blocked due to Extortion (Machine learning)

Search for similar messages

Show Details

Message Source Allow List Block Download Open Deliver

Load Remote Content

Dear user,

We've received a notice to delete your email account,

Please [Verify Here](#) to update

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Use the **Inbound Settings > Machine Learning** page to exempt specific email addresses or domains from machine learning threat detection.

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Overview Domains **Inbound Settings** Outbound Settings ATP Settings Users Reports Account Management Support

Anti-Spam/Antivirus Custom RBLs Rate Control IP Address Policies Regional Policies Recipient Policies Sender Policies Sender Authentication

Content Policies Anti-Phishing **Machine Learning**

Machine Learning

Cancel Save Changes

Machine Learning Exceptions by Email Address/Domains Bulk Edit

Email Address /Domain	Comment	Actions
		Add

Figures

1. machineLearningEmailDetails2.png
2. machineLearningFeature2.png

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