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Comodo cWatch Partners API Documentation

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1. Introduction to Comodo cWatch Web Partner API

Overview

This document explains how partners can use the Comodo cWatch Web Partners API to manage customers, distribute licenses to their customers, obtain a list of distributed licenses and deactivate licenses.

2. cWatch Web 'login' API

login

Summary: Authenticates partner and returns JWT token in response header

Description: Authenticates Partner and Returns JWT Token in Response Header

HTTP Method		POST
Request URL		/login
Parameters		
Name	Description	Example Value
Credentials (body)	CAM Username and password information	<pre>{ "password": "string", "username": "string" }</pre> Parameter Content Type: <i>application/json</i>
Responses		
Code	Description	
200	OK	
201	Created	
401	Unauthorized	
403	Forbidden	
404	Not Found	

3. cWatch Customer Controller API

add

Summary: Adds a Customer

Distribution: Adds a Single Customer to DB

HTTP Method		POST
Request URL		/customer/add
Parameters		
Name	Description	Example Value
customerForm (body)	customerForm	<pre>{ "country": "string", "email": "string", "name": "string", "surname": "string" }</pre> <p>Parameter Content Type: <i>application/json</i></p>
Responses		
Code	Description	Example Value
201	Created	
400	Bad Request	<pre>{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }</pre>
401	Unauthorized	
403	Forbidden	
404	Not Found	
500	Internal Server Error	<pre>{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }</pre>

deleteCustomer

Summary: Delete a Customer

Distribution: Delete a Single Customer from DB

HTTP Method	DELETE
Request URL	/customer/deleteCustomer

Parameters		
Name	Description	Data Type
email*required (query)	Customer's email (e.g. john.doe@mail.com)	string
Responses		
Code	Description	Example Value
204	No Content	
400	Bad Request	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }
401	Unauthorized	
403	Forbidden	
404	Not Found	
500	Internal Server Error	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }

deleteCustomers

Summary: Delete several Customers

Distribution: Delete a list of Customers from DB

HTTP Method		POST
Request URL		/customer/deleteCustomers
Parameters		
Name	Description	Data Type
emails*required (body)	List of Customers' email (e.g. john.doe@mail.com)	Array(string) Parameter Content Type: <i>application/json</i>
Responses		
Code	Description	Example Value
201	Created	

400	Bad Request	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }
401	Unauthorized	
403	Forbidden	
404	Not Found	
500	Internal Server Error	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }

importCustomers

Summary: Import several Customers

Distribution: Import a list of Customers to DB from a CSV file

HTTP Method		POST
Request URL		/customer/import
Parameters		
Name	Description	Data Type
csvContent* required (formData)	CSV File whose columns are Name, Surname, Email, Country ISO seperated by ','. CSV file should contain maximum of 1000 rows.	file
Responses		
Code	Description	Example Value
200	Success	{ "numberOfLines": 5, "numberOfValidCustomers": 2, "validationErrors": [{ "errorLine": 77, "field": "email", "invalidValue": "invalid@invalid", "message": "Please enter a valid

		email address" }] }
201	Created	
400	Bad Request	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }
401	Unauthorized	
403	Forbidden	
404	Not Found	
500	Internal Server Error	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }

list

Summary: Returns list of customers

Distribution: Returns list of customers in the DB

HTTP Method		GET
Request URL		/customer/list
Responses		
Code	Description	Example Value
200	Success	[{ "country": "US", "customerLicenses": [{ "domainCount": 12, "licenseKey": "da6737f1-6640-4fae-8b52-702465f168eb", "orderDate": "2017-07-06T07:49:59Z", "pricingTerm": "BASIC",

		<pre> "productTitle": "cWatch Web Security - Premium", "status": "Valid", "term": "MONTH_1" }], "email": "johnny.depp@email.com", "name": "Johnny", "partnerEmail": "partner@partner.email.com", "surname": "Depp" }] </pre>
401	Unauthorized	
403	Forbidden	
404	Not Found	
500	Internal Server Error	<pre> { "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 } </pre>

4.cWatch Web 'deactivateLicense' API

deactivate

Summary: Deactivate Distributed Licenses

Description: Deactivate Distributed Licenses

HTTP Method		PUT
Request URL		/customer/deactivatelicense
Parameters		
Name	Description	Data Type
licenses *required (body)	Customers' licenses to be deactivated	Array(string) Parameter Content Type: <i>application/json</i>
Responses		
Code	Description	Sample Value
200	Success	[{ "license": "ac48b822-e560-471c-96cd-

		5c03ecf90668", "message": "License key already deactivated", "success": false }]
201	Created	
401	Unauthorized	
403	Forbidden	
404	Not Found	
500	Internal Server Error	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }

5.cWatch Web 'distributeLicense' API

distribute

Summary: Allows partners to buy, activate and distribute customer licenses

Description: Distributes licenses to customers. Customer list should be provided in a .csv file. The API also requires product, term and domainQuantity strings to be supplied.

HTTP Method	POST
Request URL	/customer/distribute
Parameters	
Name	Description
CsvContent *required File (formData)	CSV File whose columns are Email, Name, Surname, Country ISO separated by ','. CSV file should contain maximum of 100 rows.
Product *required String (query)	Product name
Term *required String (query)	License term
DomainQuantity *required	Number of domains user can add

Responses		
Code	Description	Sample Value
200	Success	<pre>{ "csvResult": { "numberOfLines": 5, "numberOfValidCustomers": 2, "validationErrors": [{ "errorLine": 77, "field": "email", "invalidValue": "invalid@invalid", "message": "Please enter a valid email address" }] }, "distributionResult": [{ "email": "johnny.depp@gmail.com", "message": "Success" }], "domainQuantity": 12, "pricingTerm": "BASIC", "term": "MONTH_1" }</pre>
201	Created	Created
400	Bad Request	<pre>{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }</pre>
401	Unauthorized	Unauthorized
403	Forbidden	Forbidden
404	Not Found	Not Found

distributeLicenseForCustomers

Summary: Allows partners to buy, activate and distribute license for specific customers

Description: Distributes license to specific customers. The API also requires customers' email addresses, product, term and domainQuantity strings to be supplied.

HTTP Method	POST
Request URL	/customer/distributeLicenseForCustomers

Parameters		
Name	Description	Sample Type
distributeLicenseForCustomersForm *required (body)	Details of customers, domain quantity, license type and term.	<pre>{ "customers": [{ "country": "US", "email": "johnny.depp@email.com", "name": "Johnny", "surname": "Depp" }], "domainQuantity": 0, "product": "BASIC", "term": "MONTH_1" }</pre> Parameter Content Type: <i>application/json</i>
Responses		
Code	Description	Sample Value
200	Success	<pre>{ "csvResult": { "numberOfLines": 5, "numberOfValidCustomers": 2, "validationErrors": [{ "errorLine": 77, "field": "email", "invalidValue": "invalid@invalid", "message": "Please enter a valid email address" }] }, "distributionResult": [{ "decsription": "Invalid number of domains", "email": "johnny.depp@gmail.com", </pre>

		<pre>"message": "Success" }], "domainQuantity": 12, "pricingTerm": "BASIC", "term": "MONTH_1" }</pre>
201	Created	
400	Bad Request	<pre>{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }</pre>
401	Unauthorized	
403	Forbidden	
404	Not Found	

6.cWatch Web 'listCustomersLicense' API

listLicense

Summary: Returns list of distributed licenses

Description: Returns list of licenses distributed to customers within a given period

HTTP Method		GET
Request URL		/customer/listLicense
Parameters		
Name	Description	Sample Type
startDate *required (query)	License distribution Start Date (e.g. 2017-07-16)	date-time
endDate *required (query)	License distribution End Date (e.g. 2017-10-16)	date-time
Responses		
Code	Description	Sample Value
200	Success	[{

		<pre> "country": "US", "customerLicenses": [{ "domainCount": 12, "licenseKey": "da6737f1-6640-4fae-8b52-702465f168eb", "orderDate": "2017-07-06T07:49:59Z", "pricingTerm": "BASIC", "productTitle": "cWatch Web Security - Premium", "status": "Valid", "term": "MONTH_1" }], "email": "johnny.depp@email.com", "name": "Johnny", "partnerEmail": "partner@partner.email.com", "surname": "Depp" }] </pre>
401	Unauthorized	
403	Forbidden	
404	Not Found	
500	Internal Server Error	<pre> { "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 } </pre>

listlicensebyemail

Summary: Returns license(s) distributed to a specific customer

Description: Returns license(s) distributed to a specific customer based on customer's email with license details.

HTTP Method	GET
Request URL	/customer/listlicensebyemail

Parameters		
Name	Description	Data Type
email *required (query)	Customer's email (e.g. john@doe.com)	string
Responses		
Code	Description	Sample Value
200	Success	[{ "domainCount": 12, "licenseKey": "da6737f1-6640-4fae-8b52-702465f168eb", "orderDate": "2017-07-06T07:49:59Z", "pricingTerm": "BASIC", "productTitle": "cWatch Web Security - Premium", "status": "Valid", "term": "MONTH_1" }]
401	Unauthorized	
403	Forbidden	
404	Not Found	
500	Internal Server Error	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }

7.cWatch Web 'Partner Click To Buy Controller' API

clicktobuy/add

Summary: Add a custom 'Click to Buy' link in the interface for the customer to buy license from the reseller.

HTTP Method		POST
Request URL		clicktobuy/add
Parameters		
Name	Description	Sample Value
partnerClickToBuyLink *required (query)	Add a 'Click to Buy' link in the interface	<pre>{ "clickToBuyLink": "https://example.com/clicktobuy/", "partnerEmail": "goDady.mail.com" }</pre> Parameter Content Type: <i>application/json</i>
Responses		
Code	Description	Sample Value
200	Success	
201	Created	
400	Bad Request	<pre>{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }</pre>
403	Forbidden	
404	Not Found	
500	Internal Server Error	<pre>{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }</pre>

clicktobuy/get

Summary: Returns the details of 'Click to Buy' link for the reseller from the DB.

HTTP Method	GET
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Request URL		clicktobuy/get
Parameters		
Name	Description	Data Type
partnerEmailAddress *required (query)	partner email (e.g. john.doe@mail.com)	string
Responses		
Code	Description	Sample Value
200	Success	string
400	Bad Request	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }
401	Unauthorized	
403	Forbidden	
404	Not Found	
500	Internal Server Error	{ "error": "Bad Request", "message": "Required x parameter 'x' is not present", "status": 400, "timestamp": 1499428605974 }

About Comodo Security Solutions

Comodo Security Solutions is a global innovator of cybersecurity solutions, protecting critical information across the digital landscape. Comodo provides complete, end-to-end security solutions across the boundary, internal network and endpoint with innovative technologies solving the most advanced malware threats. With over 80 million installations of its threat prevention products, Comodo provides an extensive suite of endpoint, website and network security products for MSPs, enterprises and consumers.

Continual innovation and a commitment to reversing the growth of zero-day malware, ransomware, data-breaches and internet-crime distinguish Comodo Security Solutions as a vital player in today's enterprise and home security markets.

About Comodo Cybersecurity

In a world where preventing all cyberattacks is impossible, Comodo Cybersecurity delivers an innovative cybersecurity platform that renders threats useless, across the LAN, web and cloud. The Comodo Cybersecurity platform enables customers to protect their systems and data against even military-grade threats, including zero-day attacks. Based in Clifton, New Jersey, Comodo Cybersecurity has a 20-year history of protecting the most sensitive data for both businesses and consumers globally. For more information, visit [comodo.com](https://www.comodo.com) or our [blog](#). You can also follow us on [Twitter](#) (@ComodoDesktop) or [LinkedIn](#).

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