

Configure Duo and Secure Endpoint to Respond to Threats

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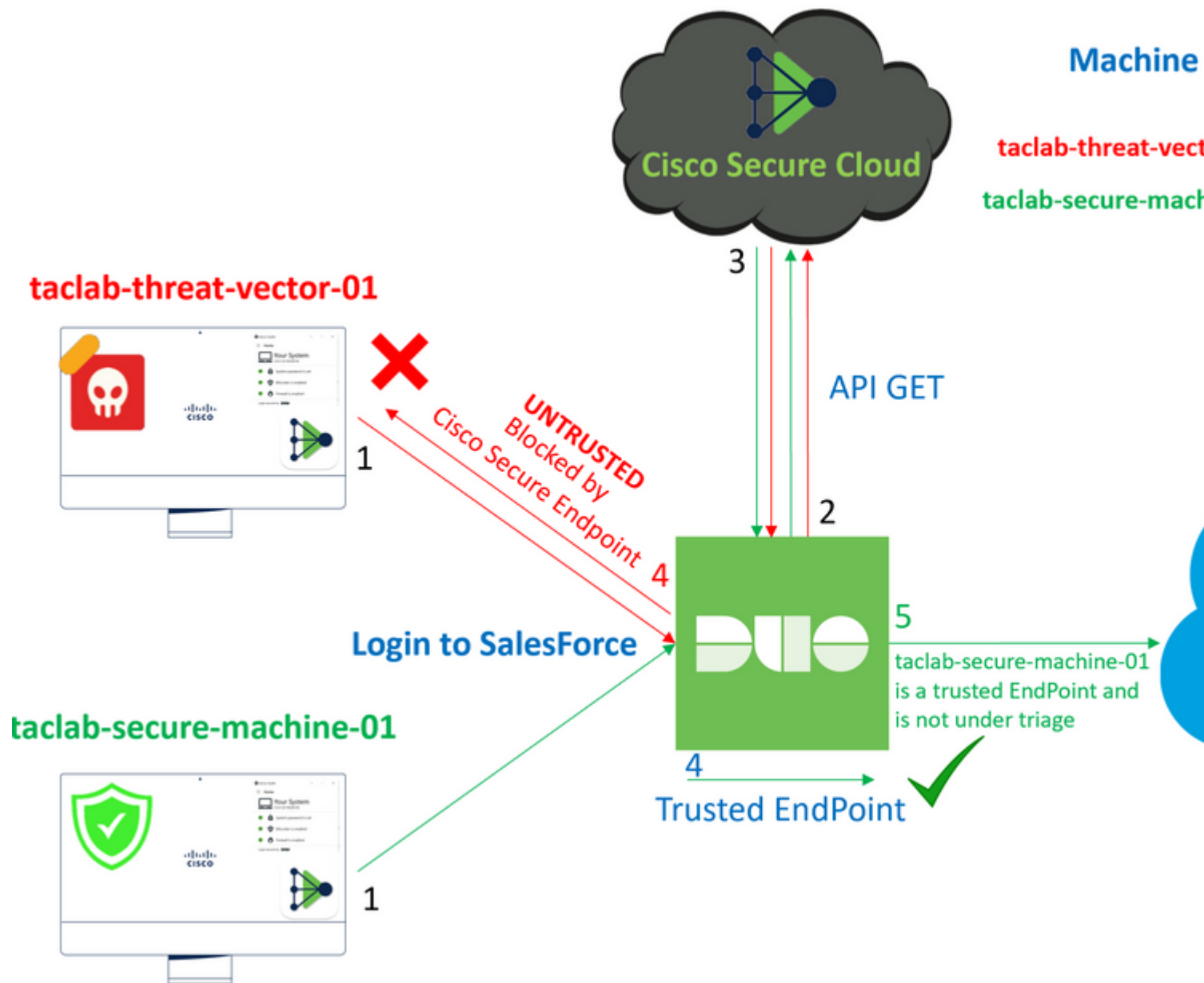
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Introduction



This document describes how to integrate Duo Trusted EndPoints with Cisco Secure EndPoint.

Background Information

The integration between Cisco Secure EndPoint and Duo, allows for effective collaboration in response to threats detected on trusted network devices. This integration is achieved through multiple device management tools that establish the reliability of each device. Some of these tools include:

- Active Directory Domain Services
- Active Directory with Device Health
- Generic with Device Health
- Intune with Device Health
- Jamf Pro with Device Health
- LANDESK Management Suite
- Mac OS X Enterprise Asset Management Tool
- Manual with Device Health
- Windows Enterprise Asset Management Tool
- Workspace ONE with Device Health

Once devices are integrated with a device management tool, it is possible to integrate Cisco Secure EndPoint and Duo by API in the Administration Panel. Subsequently, the appropriate policy must be configured in Duo to execute trusted device verification and detect compromised devices that can affect applications protected by Duo.

Note: In this case, we work with Active Directory and Device Health.

Prerequisites

- Active Directory to make the integration.
- To integrate Duo with Trusted Endpoints, your devices must be registered in the Active Directory domain. This allows Duo to authenticate and authorize access to network resources and services securely.
- Duo Beyond Plan.

Configuration and Use Case

Configure the Integration in Duo

Log in to the Admin Panel and go to:

- **Trusted EndPoints > Add Integration**
- Select Active Directory Domain Services

Add Management Tools Integration 222 days left

Device Management Tools Endpoint Detection & Response Systems

Management Tools



Active Directory Domain Services

Windows



Add

After that, you are redirected to configure the **Active Directory and Device Health**.

Take into account that this only works with machines in the domain.

Go to the active directory and run the next command in PowerShell:

```
(Get-ADDomain | Format-Table -Property DomainSID -HideTableHeaders | Out-String).Trim() | clip
```

```
PS C:\Users\Administrator> (Get-ADDomain | Format-Table -Property DomainSID -HideTableHeaders)
PS C:\Users\Administrator> |
```

After that, be sure you have copied to the clipboard the security identifier of your Active Directory.

Example

S-1-5-21-2952046551-2792955545-1855548404

This is used in your Active Directory and Device Health Integration.

Windows



This integration is currently disabled. You can test it with a group of users before activating it for all.

1. Login to the domain controller to which endpoints are joined
2. Open PowerShell
3. Execute the following command, then retrieve the domain Security Identifier (SID) from your clipboard
After running the command, the domain SID will be copied to your clipboard. The SID is used to know if your user's computer

```
(Get-ADDomain | Format-Table -Property DomainSID -HideTableHeaders | Out-String).Trim() | clip
```

4. Paste the domain SID

Ex. S-1-5-21-XXXXXXXXXX-XXXXXXXXXX-XXXXXXXXXX

Click **Save** and enable the integration and **Activate for all**. Otherwise, you cannot integrate with Cisco Secure EndPoint.

Change Integration Status

Once this integration is activated, Duo will start reporting your devices as trusted or not on the [endpoints page](#) and the [device insight page](#).



Integration is active

Your users will be prompted to run a check when logging in on their mobile devices



Test with a group

Select a group

See Duo's documentation on [how to create a desired testing environment](#)



Activate for all

Save

Go to Trusted EndPoints > Select Endpoint Detection & Response System > Add this integration.



Cisco Secure Endpoint

Add this integration

Note

Cisco Secu
following d

- Activ
- Activ
- Gene
- Intur
- Jam
- LAN
- Mac
- Tool
- Man
- Winc
- Work

We integrated this in the previous steps

Now you are on the main page of the integration for Cisco Secure EndPoint.

Cisco Secure Endpoint

222 days left

1. Generate Cisco Secure Endpoint Credentials

1. [Login to the Cisco Secure Endpoint console](#).
2. Navigate to "Accounts > API Credentials".
3. Click "New API Credentials".
4. Give the credentials a name and make it read-only.
5. Click "Create".
6. Copy the **Client Id** and **API Key** and return to this screen.

2. Enter Cisco Secure Endpoint Credentials

Client ID

Enter Client ID from Part 1.

API key

Enter API Key from Part 1.

Hostname

https://api.eu.amp.cisco.com/

Test Integration

Save Integration

After that, go to the **Admin Panel** of the Cisco Secure EndPoint.

Configure the Integration in Cisco Secure EndPoint

- <https://console.eu.amp.cisco.com/> EMEAR CONSOLE LOGIN
- <https://console.amp.cisco.com/> AMER CONSOLE LOGIN

And navigate to Accounts > API Credentials and select **New API Credentials**.

Legacy API Credentials (version 0 and 1) [View Legacy API documentation](#)



New API Credential

Application name

Scope Read-only
 Read & Write

Enable Command line

Allow API access to File Repository download audit logs

Note: Only **Read-only** is needed to make this integration because Duo makes GET queries to Cisco Secure EndPoint to know if the device meets the requirements of the policy.

Insert **Application Name**, **Scope**, and **Create**.

< API Key Details

3rd Party API Client ID

API Key

- Copy the 3rd API Party Client ID from Cisco Secure EndPoint to Duo Admin Panel in Client ID.
- Copy the API Key from Cisco Secure EndPoint to Duo Admin Panel in API Key.

< API Key Details

3rd Party API Client ID

API Key

Cisco Secure Endpoint

1. Generate Cisco Secure Endpoint Credentials

1. [Login to the Cisco Secure Endpoint console](#)
2. Navigate to "Accounts > API Credentials".
3. Click "New API Credentials".
4. Give the credentials a name and make it read-only.
5. Click "Create".
6. Copy the **Client Id** and **API Key** and return to the console.

2. Enter Cisco Secure Endpoint Credentials

Client ID

Enter Client ID from Part 1.

API key

Enter API Key from Part 1.

Hostname

<https://api.eu.amp.cisco.com/>

Test Integration

Save Integration

Test the integration, and If everything works well, click **Save** to save the integration.

Configure Policies in Duo

To configure the policies for your integration, you go through your application:

Navigate to **Application > Search for your Application > Select your policy**

Applications

- Protect an Application
- Single Sign-On
- Users
- Groups
- Endpoints
- 2FA Devices
- Administrators
- Trusted Endpoints
- Trust Monitor
- Reports
- Settings
- Billing

Manage your update to the new Universal Prompt experience, all in one place.

[See My Progress](#) [Get More Information](#)

20 All Applications **0** End of Support

Export

Name	Type	Application Policy	Group Policies
Splunk	Splunk	TrustedEndPoint	

Configure the Policy to Detect a Trusted Device

Policy name
Deny Access to unenrc

Users

- ✓ New User policy
- Authentication policy
- User location

Devices

- ✓ Trusted Endpoints
 - Device Health application
 - Remembered devices
 - Operating systems
 - Browsers
 - Plugins

Trusted Endpoints

A Trusted Endpoint is an endpoint that exists in a management system such as your EAM or MDM. It can be matched to your management system using Duo certificates or information provided by Duo Mobile.

Allow all endpoints
Endpoints will be checked for trustworthiness to aid reporting, but all trusted endpoints will be allowed.

Require endpoints to be trusted
Only Trusted Endpoints will be able to access browser-based applications.

Allow Cisco Secure Endpoint to block compromised endpoints
Endpoints that Cisco Secure Endpoint deem to be compromised will be blocked from accessing browser-based applications.
Note: This option only applies to trusted endpoints.

[Advanced options for mobile endpoints](#) ▾


Test Trusted Machines

Machine with Duo Device Health and joined the domain

Timestamp (UTC) ▾	Result	User	Application	Trust Assessment i	Access Device
11:36:04 PM FEB 16, 2023	✓ Granted User approved	duotrusted	Splunk	Policy not applied	▾ Windows 10, version 22H2 (19045) As reported by Device Health Hostname DESKTOP-R2CH8G Edge Chromium 110.0.1587.46 Flash Not installed Java Not installed Device Health Application Installed Firewall Off Encryption Off Password Set Security Agents Running: Cisco Endpoint Location Unknown 173.38.220.51 Trusted Endpoint determined by Device Health

Machine outside the domain without Duo Device Health

Timestamp (UTC) ▼	Result	User	Application	Trust Assessment ⓘ	Access Device
11:38:37 PM FEB 16, 2023	✗ Denied Device health data is missing	duotrusted	Splunk	Policy not applied	▼ Windows 10 As reported by the browser Firefox 89.0 Flash Not installed Java Not installed Device Health Application Installation status unknown Firewall Unkr Encryption Unkr Password Unkr Security Agents Unkr Almere Stad, FL, Neth 64.103.36.135 <div style="border: 1px solid blue; padding: 2px;">Unable to communicate with De</div>



Action Required

Please install the Duo Device Health application (required by your organization), then try logging in again.

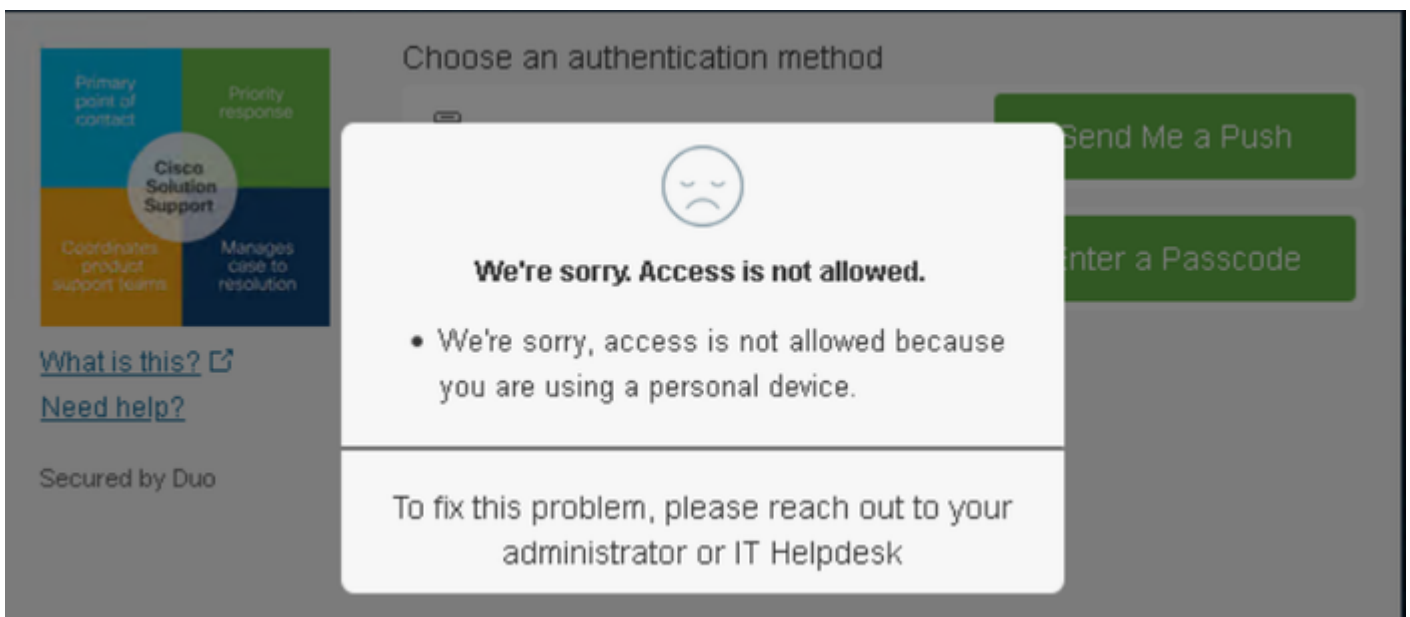
Download now
 or
 Already have the app installed?
[Launch the app](#)

[What is this?](#) [Need help?](#)

Secured by Duo

Machine outside the domain with Duo Device Health

Timestamp (UTC) ▾	Result	User	Application	Trust Assessment 1	Access Device
11:40:58 PM FEB 16, 2023	✗ Denied Endpoint is not trusted	duotrusted	Splunk	Policy not applied	Windows 10, version 22H2 (19045.2604) As reported by Device Health Hostname NODOMAIN Firefox 89.0 Flash Not installed Java Not installed Device Health Application Installed Firewall Off Encryption Off Password Set Security Agents Running: Cisco Secure Endpoint Almere Stad, FL, Netherlands 64.103.36.133 Not a Trusted Endpoint <small>determined by Device Health</small>



Configure the Policy for Cisco Secure EndPoint

In this policy setup, configure the already trusted device to meet the requirement about threats that can affect your application, so if a device gets infected, or if some behaviors mark that machine with **suspicious artifacts** or Indicators of Compromise, you can block the machine access to the secured applications.

- Users
 - New User policy
 - Authentication policy
 - User location
- Devices
 - Trusted Endpoints
 - Device Health application
 - Remembered devices
 - Operating systems
 - Browsers
 - Plugins
- Networks
 - Authorized networks
 - Anonymous networks

Trusted Endpoints

A Trusted Endpoint is an endpoint that exists in a management system such as your EAM or MDM. It can be matched to your management system using Duo certificates or information provided by Duo Mobile.

Allow all endpoints
Endpoints will be checked for trustworthiness to aid reporting, but un-trusted endpoints will be allowed.

Require endpoints to be trusted
Only Trusted Endpoints will be able to access browser-based applications.

Allow Cisco Secure Endpoint to block compromised endpoints
Endpoints that Cisco Secure Endpoint deem to be compromised will be blocked from accessing browser-based applications.

Note: This option only applies to trusted endpoints.

[Advanced options for mobile endpoints](#) ▾

Test the Trusted Machines with Cisco Secure EndPoint

Machine without Cisco Secure Agent Installed

In this case, the machine can pass without AMP verification.

<p>12:52:23 PM FEB 20, 2023</p>	<p>✔ Granted User approved</p>	<p>duotrusted Splunk</p>	<p>Policy not applied</p>	<p>Windows 10, version 21H1 (19045.0) As reported by Device Health</p> <p>Hostname COMPUTER24</p> <p>Edge Chromium 110.0.1587.62 Flash Not installed Java Not installed</p> <p>Device Health Application Installed</p> <p>Firewall On Encryption Off Password Set</p> <p>Security Agents Running: Windows Defender</p> <p>Location Unknown 173.38.220.51</p> <p>Trusted Endpoint determined by Device Health</p>
-------------------------------------	---	--------------------------	---------------------------	--

If you want to have a restrictive policy, you can set up the policy to be more restrictive if you modify the Device Health Application policy from **Reporting** to **Enforcing**.

And add Block Access if an EndPoint Security Agent is not running.

Windows

Enforcing ^

Don't require users to have the app ⓘ

Allow users to install the app during enrollment

Require users to have the app ⓘ

Block access if firewall is off.

Block access if BitLocker is off.

Block access if system password is not set.

Block access if an endpoint security agent is not running.

Select which Duo supported endpoint security agent(s) are allowed

Cisco Secure Endpoint

When the user is blocked, the app will provide remediation.
[See what it looks like](#) ↗

Computer

without infection

With a machine, without infection, you can test how Duo with Cisco Secure EndPoint works to exchange information about the machine status and how the events are shown in this case in Duo and Cisco Secure EndPoint.

If you check the status of your machine in Cisco Secure EndPoint:

Navigate to **Management > Computers**.

When you filter for your machine, you can see the event of that, and in this case, you can determine your machine is clean.

Dashboard Analysis Outbreak Control **Management** Accounts Search

Computers

4 Computers 1 Not Seen in Over 7 Days 1 Need AV 0 Computers With P

Filters no filters applied

All Windows Mac Linux Android

Move to Group... Delete

DESKTOP-LN2TEUT in group TEST

DESKTOP-R2CH8G5.taclab.com in group DUO

Hostname	DESKTOP-R2CH8G5.taclab.com	Group	DUO
Operating System	Windows 10 Enterprise N (Build 19045.2604)	Policy	DUO
Connector Version	8.1.5.21322	Internal IP	172.16.20
Install Date	2023-02-13 11:47:36 UTC	External IP	173.38.22
Connector GUID	fe066900-9075-4473-ade7-4a7fc998dbfb	Last Seen	2023-02-1
Processor ID	1f8bfbff0000006e7	Definition Version	TETRA 64
Definitions Last Updated	2023-02-16 22:30:07 UTC	Update Server	tetra-defs.
Cisco Secure Client ID	N/A	Kenna Risk Score	No high se

Take Forensic Snapshot View Snapshot Orbital Query 3 Events Device Traj

Scan... Diagnose

You can see there is no detection for your device, and also it is on a status of clean, which means your machine is not in triage to attend.

▶	DESKTOP-R2CH8G5.taclab.com	Scanned 13394 files, 210 processes, 0 directories.		
▶	DESKTOP-R2CH8G5.taclab.com	started scan		
▶	DESKTOP-R2CH8G5.taclab.com	Scanned 259 files, 3 processes, 0 directories.		
▶	DESKTOP-R2CH8G5.taclab.com	started scan		
▶	DESKTOP-R2CH8G5.taclab.com	Scanned 259 files, 3 processes, 0 directories.		
▶	DESKTOP-R2CH8G5.taclab.com	started scan		
▶	DESKTOP-R2CH8G5.taclab.com	Scanned 157 files, 2 processes, 0 directories.		
▶	DESKTOP-R2CH8G5.taclab.com	started scan		
▶	DESKTOP-R2CH8G5.taclab.com	Scanned 157 files, 2 processes, 0 directories.		
▶	DESKTOP-R2CH8G5.taclab.com	started scan		
▶	DESKTOP-R2CH8G5.taclab.com	Scanned 113 files, 1 processes, 0 directories.		
▶	DESKTOP-R2CH8G5.taclab.com	started scan		

This is how Duo categorizes that machine:

Timestamp (UTC) ▼	Result	User	Application	Trust Assessment ⓘ	Access Device
12:41:20 AM FEB 17, 2023	✔ Granted User approved	duotrusted	Splunk	Policy not applied	▼ Windows 10, version 22H2 (19045.2604) As reported by Device Health Hostname DESKTOP-R2CH8G5 Edge Chromium 110.0.1587.46 Flash Not installed Java Not installed Device Health Application Installed Firewall Off Encryption Off Password Set Security Agents Running: Cisco Secure Endpoint Location Unknown 173.38.220.51 <div style="border: 2px solid blue; padding: 2px; display: inline-block;">Trusted Endpoint determined by Device Health</div>

The machine maintains the trusted label.

What happens if the same machine gets infected by a Malicious Actor, has repetitive attempts of infection, or Indicators of Compromise alerts about this machine?

Computer with infection

To try with an example of **EICAR** to test the feature, access <https://www.eicar.org/>, and download a malicious sample.

Note: Do not worry. You can download that EICAR test, it is safe, and it is only a test file.

This page is still work in progress. Sorry for any inconvenience.

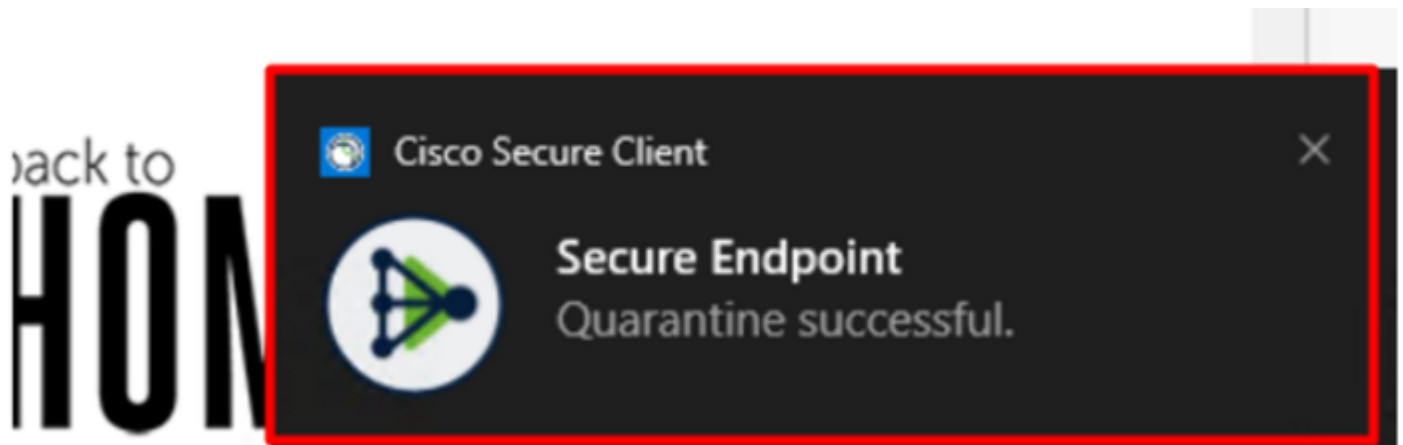


Scroll down and go to the section and download the test file.

Download area using the secure, SSL enabled protocol HTTPS

eicar.com 68 Bytes	eicar.com.txt 68 Bytes	eicar_com.zip 184 Bytes		eicarcom2.zip 308 Bytes	
---------------------------------------	---	--	---	--	---

Cisco Secure EndPoint detects the malware and moves it to quarantine.



This is how it changes, as shown in the Cisco Secure EndPoint Admin panel.

▶	DESKTOP-R2CH8G5.taclab.com	detected e8fed9f1-712e-4072-a334-e3f7b662c1e5.tmp	as Win.Ransomware.Eicar:95.sbx.tg	Medium			
▶	DESKTOP-R2CH8G5.taclab.com	detected Unconfirmed 800728.crdownload	as Win.Ransomware.Eicar:95.sbx.tg	Medium			
▶	DESKTOP-R2CH8G5.taclab.com	detected e8fed9f1-712e-4072-a334-e3f7b662c1e5.tmp	as Win.Ransomware.Eicar:95...	Medium			
▶	DESKTOP-R2CH8G5.taclab.com	detected Unconfirmed 800728.crdownload	as Win.Ransomware.Eicar:95.sbx.tg	Medium			
▶	DESKTOP-R2CH8G5.taclab.com	detected a7bea0f0-88d0-4113-aba4-3696d10e98e8.tmp	as Win.Ransomware.Eicar:95.sbx.tg	Medium			
▶	DESKTOP-R2CH8G5.taclab.com	detected a7bea0f0-88d0-4113-aba4-3696d10e98e8.tmp	as Win.Ransomware.Eicar:95...	Medium			
▶	DESKTOP-R2CH8G5.taclab.com	detected Unconfirmed 677327.crdownload	as Win.Ransomware.Eicar:95.sbx.tg	Medium			
▶	DESKTOP-R2CH8G5.taclab.com	detected c57863dd-1603-4f85-b512-d62b84160bc0.tmp	as Win.Ransomware.Eicar:95...	Medium			
▶	DESKTOP-R2CH8G5.taclab.com	detected Unconfirmed 677327.crdownload	as Win.Ransomware.Eicar:95.sbx.tg	Medium			
▶	DESKTOP-R2CH8G5.taclab.com	detected c57863dd-1603-4f85-b512-d62b84160bc0.tmp	as Win.Ransomware.Eicar:95.sbx.tg	Medium			

You also have the detection of the malware in the machine, but this means the endpoints are considered to be analyzed under the triage of Cisco Secure EndPoint on the Inbox.

Note: To send an endpoint to triage, it needs to have multiple detections of artifacts or strange behavior that activate some Indicators of Compromise in the endpoint.

Under the Dashboard, click in the **Inbox**.



Secure Endpoint
Premier

Dashboard

Analysis ▾

Outbreak Control ▾

Management ▾

Accounts ▾

Dashboard

Dashboard

Inbox

Overview

Events

iOS Clarity

Refresh All

Auto-Refresh



Now you have a machine that requires attention.

1 Requires Attention

0 In Progress

1 Resolved

Begin Work Mark Resolved Move to Group... Promote to Incident Manager

Sort Date

DESKTOP-R2CH8G5.taclab.com in group DUO			
Hostname	DESKTOP-R2CH8G5.taclab.com	Group	DUO
Operating System	Windows 10 Enterprise N (Build 19045.2604)	Policy	DUO
Connector Version	8.1.5.21322	Internal IP	172.16.200.22
Install Date	2023-02-13 11:47:36 UTC	External IP	173.38.220.51
Connector GUID	fe066900-9075-4473-ade7-4a7fc998dbfb	Last Seen	2023-02-17 01:02:51 UTC
Processor ID	1f8bf0000006e7	Definition Version	TETRA 64 bit (daily version: 90043)
Definitions Last Updated	2023-02-16 22:30:07 UTC	Update Server	tetra-defs.eu.amp.cisco.com
Cisco Secure Client ID	N/A	Kenna Risk Score	No high severity vulnerabilities found.

Related Compromise Events				
Medium	Quarantine Failure	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC	
Medium	Threat Quarantined	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC	
Medium	Threat Detected	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC	
Medium	Threat Detected	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC	
Medium	Threat Detected	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC	

Vulnerabilities

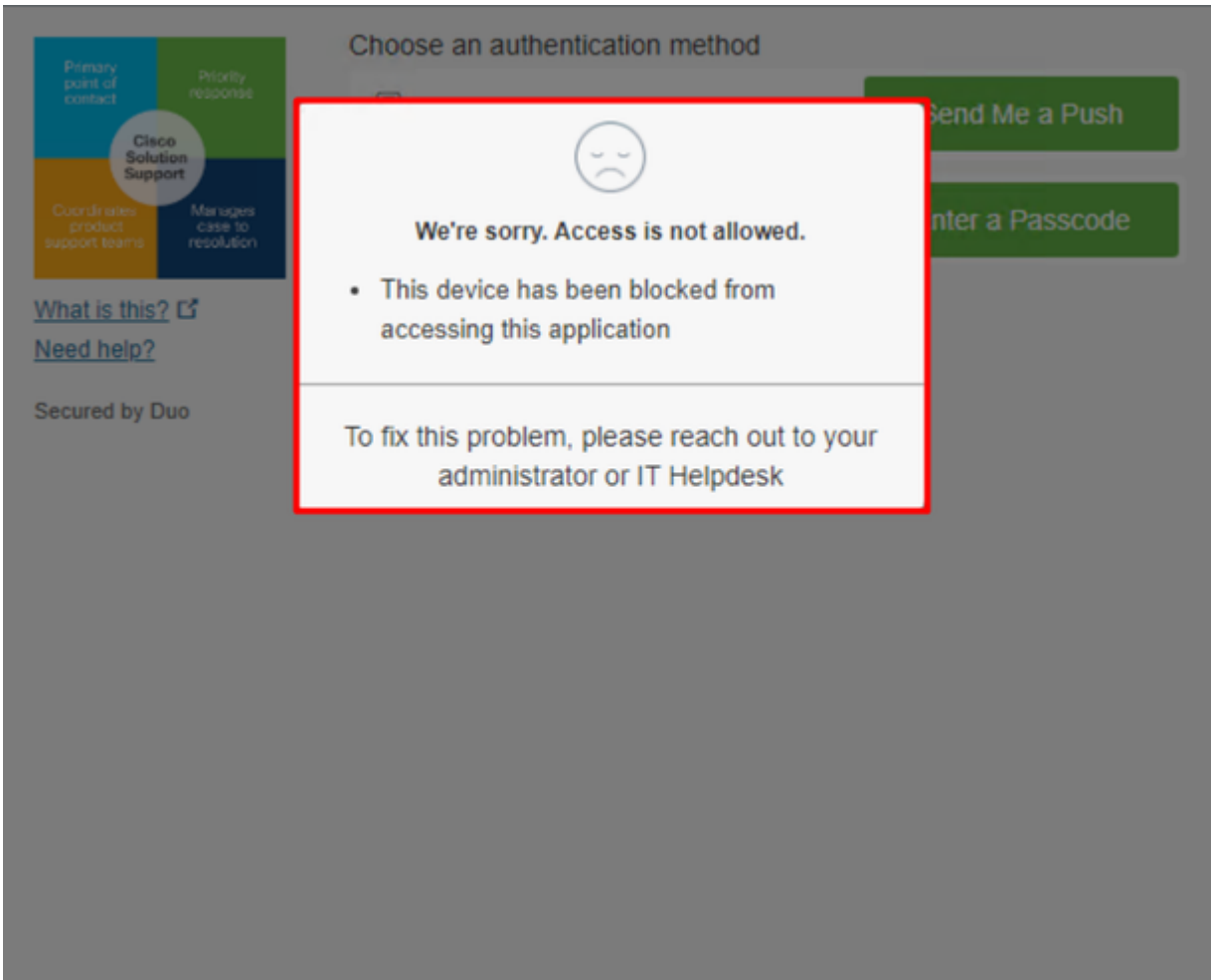
No known software vulnerabilities observed.

Take Forensic Snapshot View Snapshot Orbital Query Events Device Trajectory Diagnostics

Scan... Diagnose... Move to Group... Begin Work Mark Resolved Promote to Incident Manager

Now, switch to Duo and see what the status is.

Authentication is tried first to see the behavior after the machine was put on the Cisco Secure EndPoint under Require Attention.



This is how it changes in Duo and how the event under authentication events is shown.

1:06:37 AM
FEB 17, 2023

✘ Denied
Blocked by Cisco Secure Endpoint

duotrusted Splunk Policy not applied

Windows 10, version 22H2 (19045.2604)
As reported by Device Health

Hostname DESKTOP-R2CH8G5


Edge Chromium 110.0.1587.46
Flash Not installed
Java Not installed

Device Health Application
Installed

Firewall Off
Encryption Off
Password Set
Security Agents Running: Cisco Secure Endpoint

Location Unknown
173.38.220.51

Endpoint failed Cisco Secure Endpoint verification
Endpoint is not trusted because Cisco Secure Endpoint check failed, Check users endpoint in Cisco Secure Endpoint



Your machine was detected as not a safety device for your organization.

Permit the Access to a Machine After Review

Triage

REQUIRE ATTENTION

The machine was detected with many **malicious detections** or **active IOC** which makes doubt about the status of the machine



IN PROGRESS

Cybersecurity Team checks the device to determine what to do with the alerts detected and see how to proceed under triage status



A thorough analysis was conducted on the machine, and it was found that the **malware** did not execute due to the intervention of **Cisco Secure Endpoint**. Only traces of the **malware** were detected, enabling the **Cybersecurity Engineers** to incorporate the identified **indicators of compromise** into other **security systems** to **block** the **attack vector** through which the **malware** was **downloaded**.

Machine on triage status in
Cisco Secure Endpoint

After verification under Cisco Secure EndPoint and by your Cybersecurity Specialist, you can permit access to this machine to your app in Duo.

Now the question is how to permit access again to the app protected by Duo.

You need to go under Cisco Secure EndPoint and in your Inbox, mark this device as **resolved** to permit access to the application protected by Duo.

0 Require Attention 1 In Progress 1 Resolved Showing specific compromises Show All

Focus Mark Resolved Move to Group... Promote to Incident Manager Sort: Date

DESKTOP-R2CH8G5.taclab.com in group DUO 0 10 events

Hostname	DESKTOP-R2CH8G5.taclab.com	Group	DUO
Operating System	Windows 10 Enterprise N (Build 19045.2604)	Policy	DUO
Connector Version	8.1.5.21322	Internal IP	172.16.200.22
Install Date	2023-02-13 11:47:36 UTC	External IP	173.38.220.51
Connector GUID	fe066900-9075-4473-ade7-4a7fc998dbfb	Last Seen	2023-02-17 01:02:51 UTC
Processor ID	1f8bfbff000006e7	Definition Version	TETRA 64 bit (daily version: 90043)
Definitions Last Updated	2023-02-16 22:30:07 UTC	Update Server	tetra-defs.eu.amp.cisco.com
Cisco Secure Client ID	N/A	Kenna Risk Score	No high severity vulnerabilities found.

Related Compromise Events

Medium	Quarantine Failure	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC
Medium	Threat Quarantined	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC
Medium	Threat Detected	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC
Medium	Threat Detected	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC
Medium	Threat Detected	2546dcff...6e9eedad	2023-02-17 00:59:18 UTC

Vulnerabilities

No known software vulnerabilities observed.

Take Forensic Snapshot View Snapshot Orbital Query Events Device Trajectory Diagnostics View Changes

Scan... Diagnose... Move to Group... **Mark Resolved** Promote to Incident Manager

After that, you do not have the machine with the status attention required. This changed to resolved status.

0 Require Attention 0 In Progress 2 Resolved

In a few words, now you are prepared to test again the access to our application protected by Duo.

[What is this?](#) [Need help?](#)

Secured by Duo

Choose an authentication method

Duo Push **RECOMMENDED**
Send Me a Push

Passcode
 Enter a Passcode

Now you have permission to send the push to Duo, and you are logged into the app.

Windows 10, version 22H2 (19045.2604)

As reported by Device Health

Hostname DESKTOP-R2CH8G5

Edge Chromium 110.0.1587.46

Flash Not installed

Java Not installed

Device Health Application

Installed

Firewall Off

Encryption Off

Password Set

Security Agents Running: Cisco Secure Endpoint

Location Unknown

Trusted Endpoint

determined by Device Health

1:20:41 AM
FEB 17, 2023

✔ Granted
User approved

duotrusted Splunk

Policy not
applied

Triage Workflow

12:41:20 AM
FEB 17, 2023

✔ Granted
User approved

1:06:37 AM
FEB 17, 2023

✘ Denied
Blocked by Cisco Secure Endpoint

1:20:41 AM
FEB 17, 2023

✔ Granted
User approved



1. The machine is in the first stage without infection.

2. The machine is in the second stage, some malicious and some suspicious indicators of compromise are detected

3. The machine was detected safely by the Cybersecurity Team, and now was removed from the triage in Cisco Secure