



You make **possible**



API Integrations for Cisco Email Security

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DEVNET-2326

CISCO *Live!*

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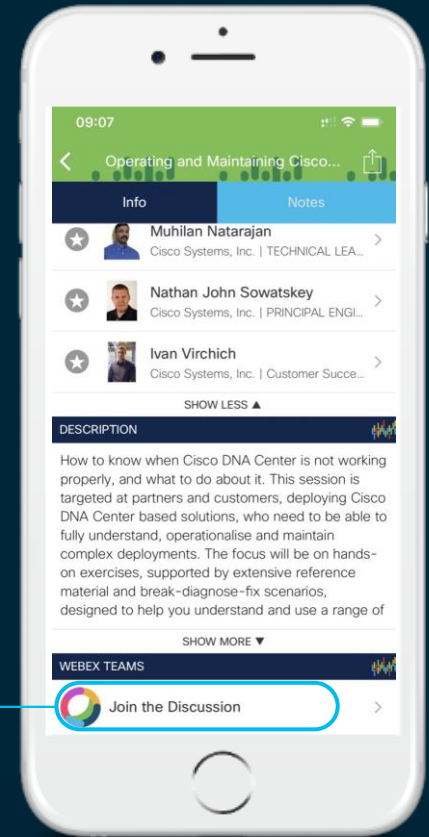
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Agenda

- Why Email Security + API?
- Cisco Email Security – a brief backstory...
- AsyncOS 13.0: Cisco Email Security + API improvements
- Video: Cisco ESA API + Postman
- Cisco Integrations
- Call to action

Why Email Security + API?

Why Email Security + API?

- API integration is critical for all security customers today!
- Cisco Email Security is diving into API with AsyncOS 13 release for Email Security.
- We will have an in-depth discussion on how API helps drive reporting, configuration, and the importance of API to revolutionize this latest OS for Email Security, and also our Content Security Management Appliance.

Why would an Email Administrator use an API or API tool(s)?

- Application Programming Interface (API) is popular way to extract data, automate 3rd party tools & programs
- Provide secure and authenticated access to reports, report counters, and tracking
- Data, data, data...

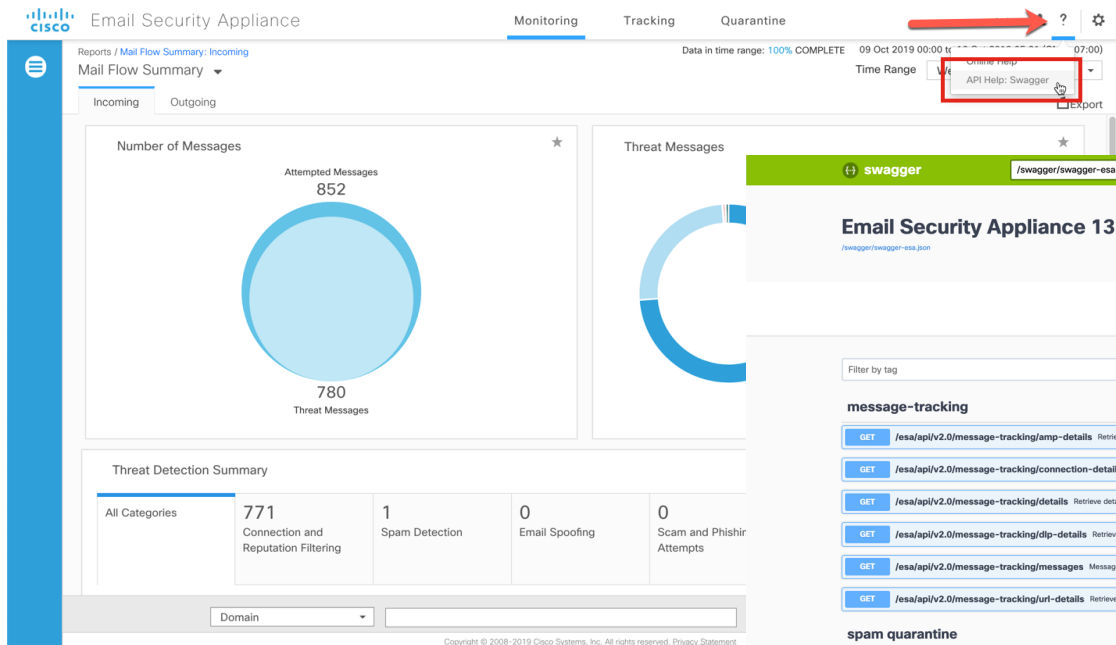
Cisco Email Security – a brief backstory...

Cisco Email Security

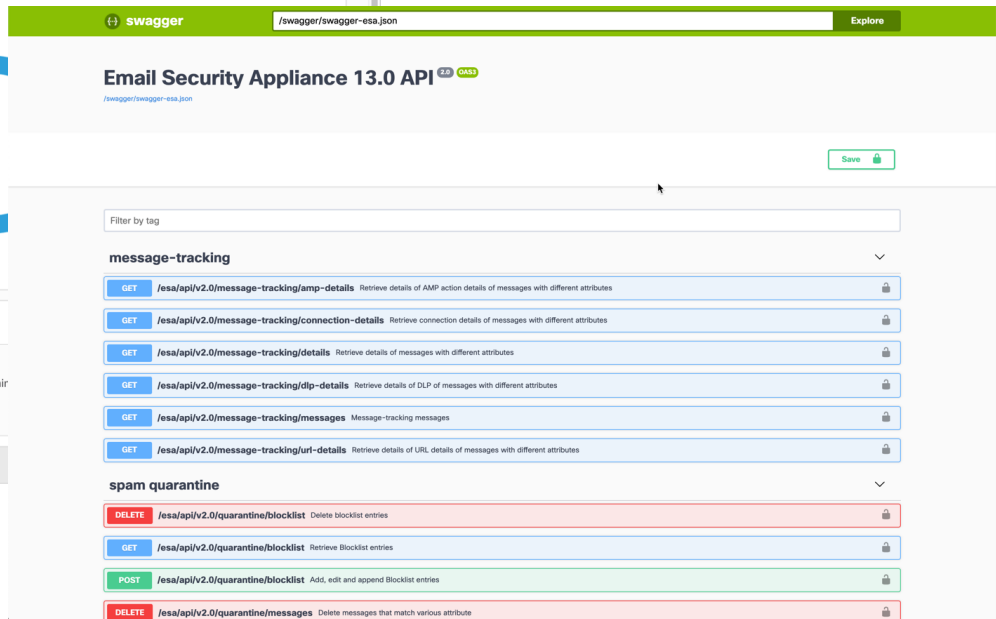


AsyncOS 13.0: Cisco Email Security + API improvements

API – Swagger



Available on ESA and SMA!



API – Swagger



monitoring

GET

/esa/api/v2.0/reporting/mail_amp_file_analysis_by_filename

mail amp file analysis by filename completed timestamp

Parameters

Name

Description

startDate	2019-10-01T19:00:00.000Z
string (query)	
endDate	2019-10-15T19:00:00.000Z
string (query)	
device_type	esa
string (query)	
top	top
string (query)	

Execute

Responses

Curl

curl -X GET https://dh3048-esa1.lphmx.com/esa/api/v2.0/reporting/mail_amp_file_analysis_by_filename?startDate=2019-10-01T19:00:00.000Z&endDate=2019-10-15T19:00:00.000Z&device_type=esa -H "accept: application/json, text/plain, */*" -H "jwtToken: ap..."

Request URL

https://dh3048-esa1.lphmx.com/esa/api/v2.0/reporting/mail_amp_file_analysis_by_filename?startDate=2019-10-01T19:00:00.000Z&endDate=2019-10-15T19:00:00.000Z&device_type=esa

Server response

Code

Details

200

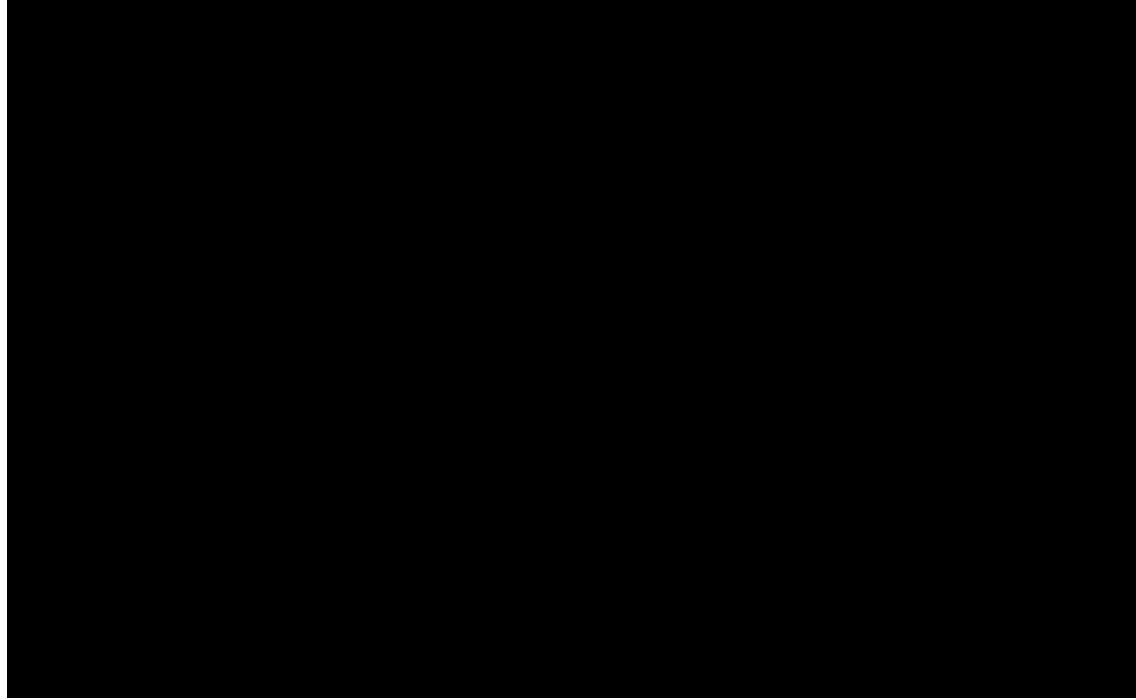
Response body

```
{
  "meta": {
    "totalCount": -1
  },
  "data": {
    "type": "mail_amp_file_analysis_by_filename",
    "resultSet": {
      "status": [
        {
          "13e801424312cb27a7abbca2ea1f1ba12847d12ac8d85289d14c061708d0d4d2": {
            "file_name": "2010100101.pdf",
            "value": 1
          },
          {
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              "file_name": "2019100102.pdf",
              "value": 1
            }
          }
        ],
        "submit_timestamp": [
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            "file_name": "2010100101.pdf",
            "value": 1
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          {
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              "file_name": "2019100102.pdf",
              "value": 1
            }
          }
        ]
      }
    }
  }
}
```

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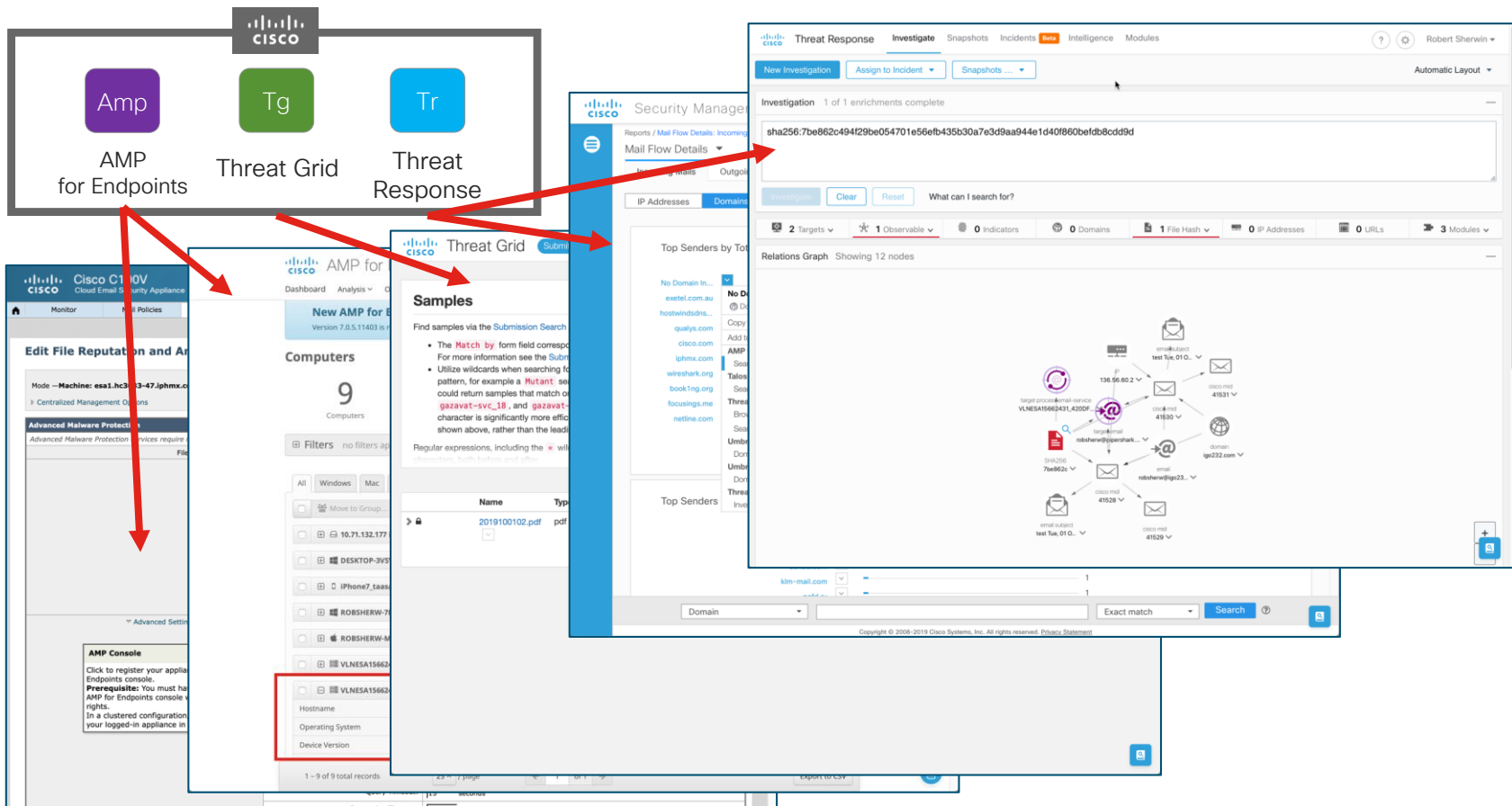
Video: Cisco ESA API + Postman



POSTMAN

Cisco Integrations

Cisco Email Security + Cisco Integrations





Cisco Threat Response with Cisco Email Security Demo

Call to action

Call to action

What's next for *you*...

- 3rd party API tool such as Postman, etc.
- Want to see more on API on Cisco Email Security & Security Management?
- Walk-in Labs



<https://docs.ces.cisco.com/docs/api>

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