cisco Live!
Let's go
#CiscoLive

The bridge to possible

Safeguarding the value and integrity of Cisco Certifications

Brent Hill, Exam Protections & Security Operations Manager
Brent Morris, Enforcements and Investigations Program Manager
Susan Bastion, Ph.D. Psychometrician
@CiscoExamSec

IBOCRT-1000

Cisco Webex App

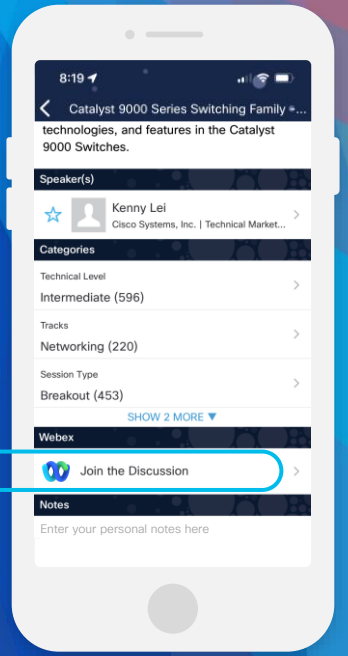
Questions?

Use Cisco Webex App to chat
with the speaker after the session

How

1. Find this session in the Cisco Live Mobile App
2. Click “Join the Discussion”
3. Install the Webex App or go directly to the Webex space
4. Enter messages/questions in the Webex space

Webex spaces will be moderated by the speaker until June 9, 2023.



https://ciscolive.ciscoevents.com/ciscolivebot/#IBOCRT-1000

© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

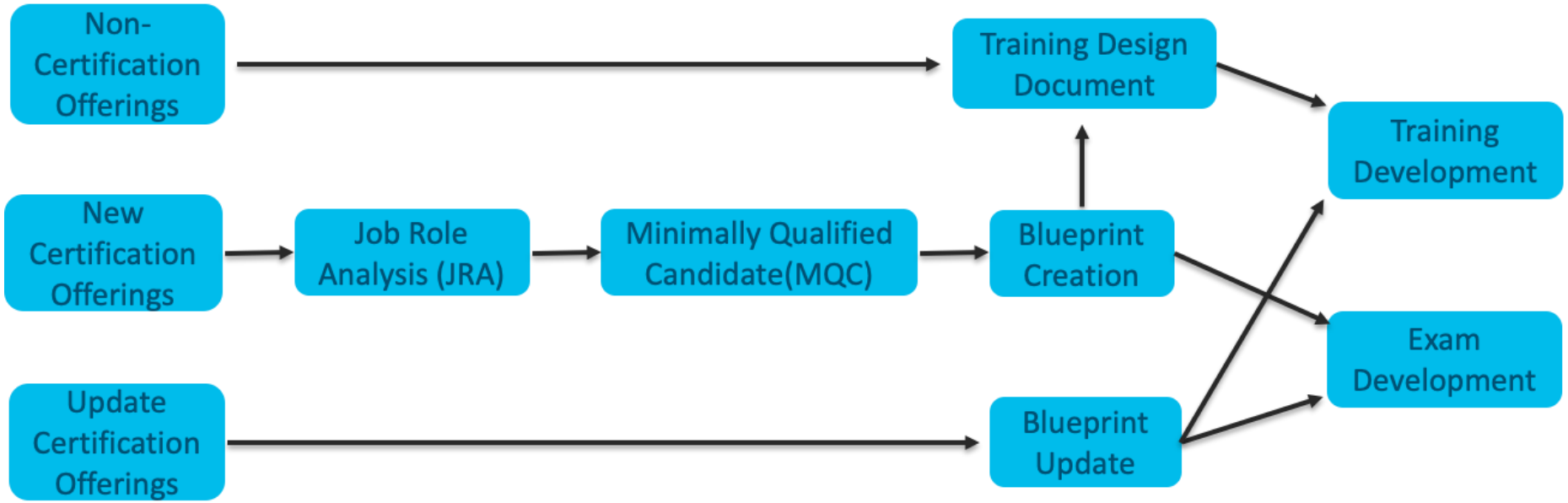
Agenda

- Introductions
- Certification Development
- Exam Item Lifecycle
- Exam & Item Performance
- Exam Security
- Security Hunt
- Conclusion

© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

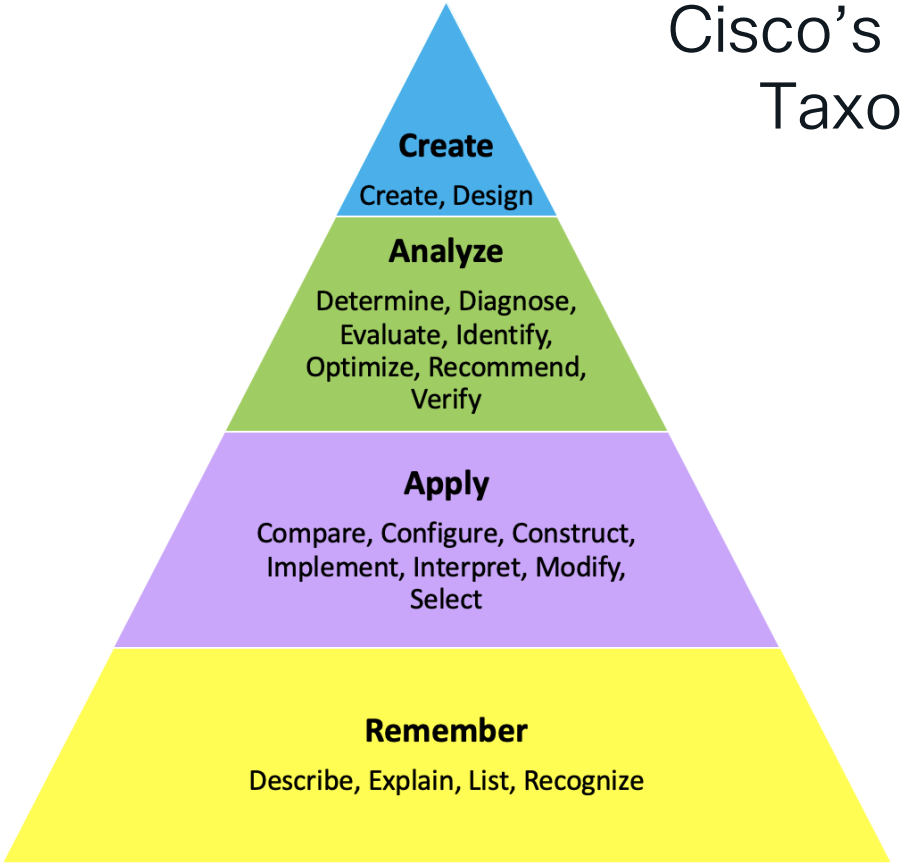
Certification Development Overview

Goal: Provide Validity

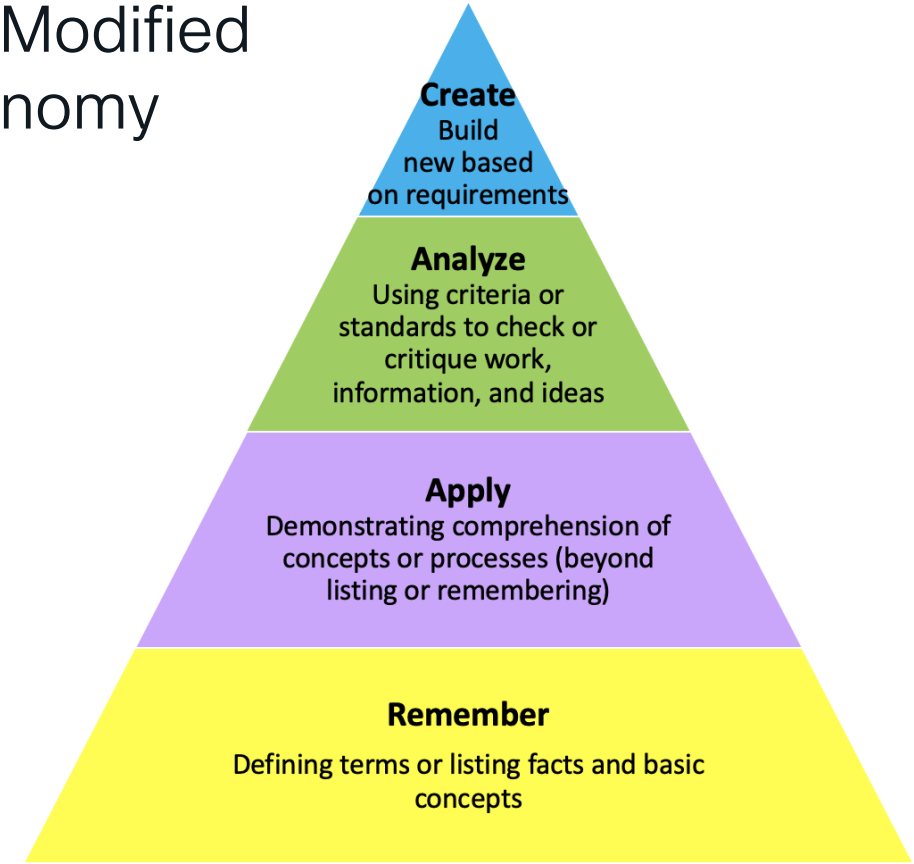


© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

Cisco's Modified Taxonomy



Cisco Verbs

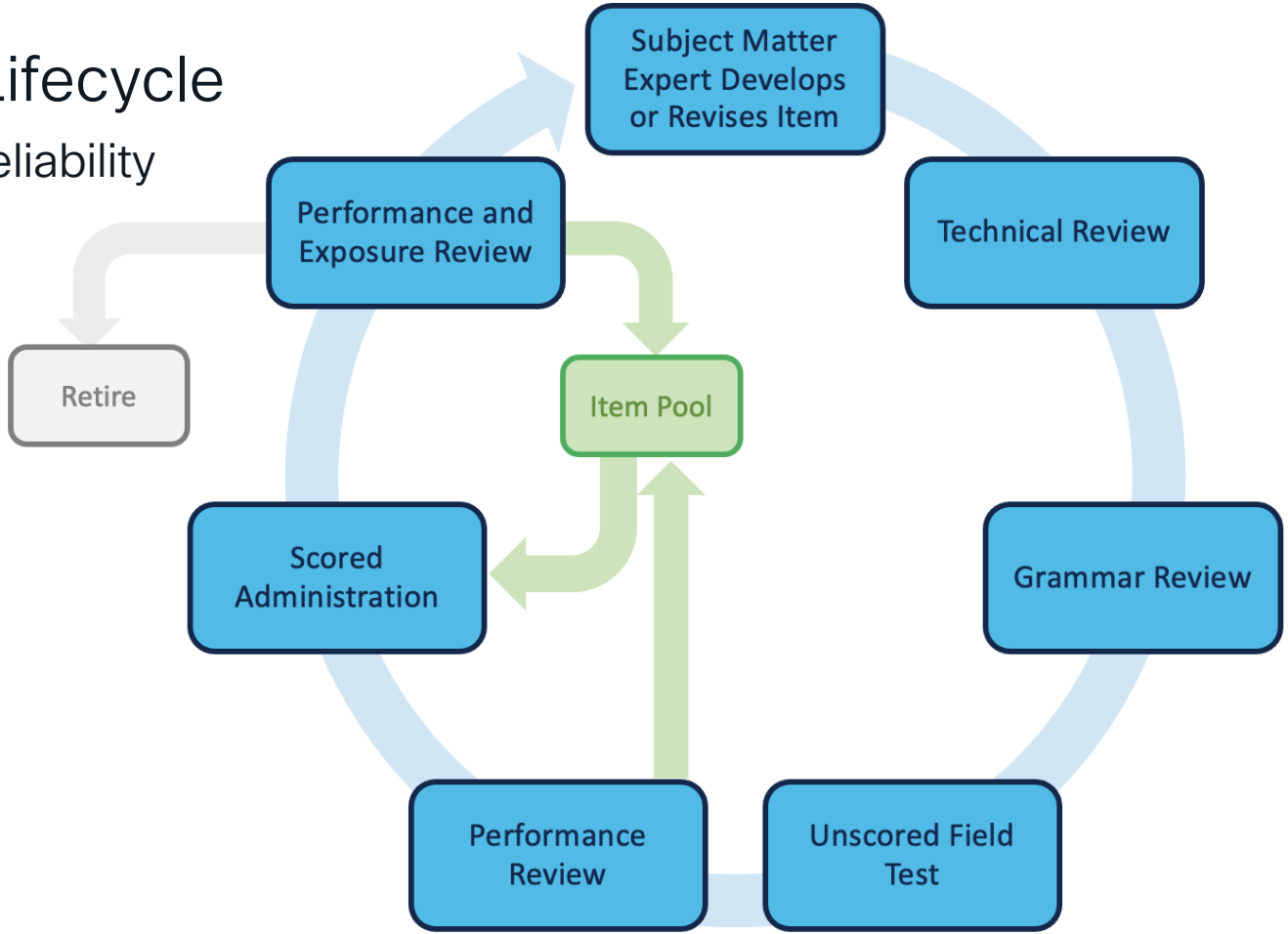


Taxonomy Description

© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

Exam Item Lifecycle

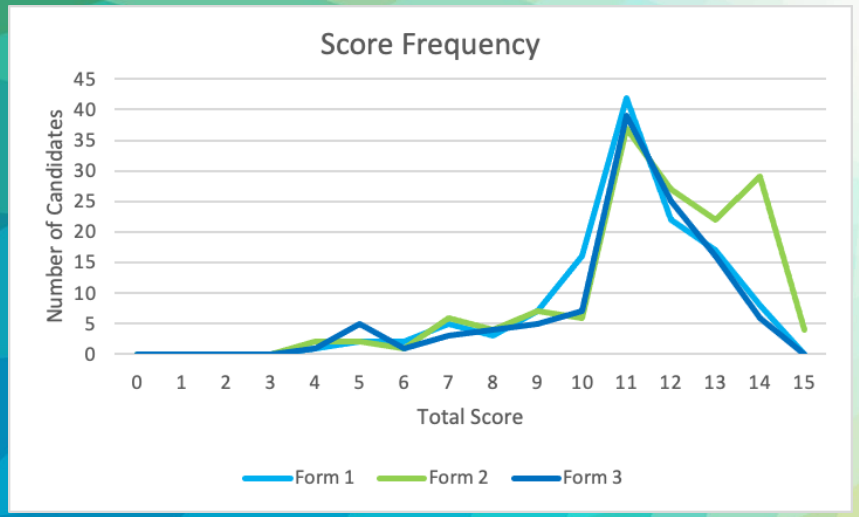
Goal: Provide Reliability

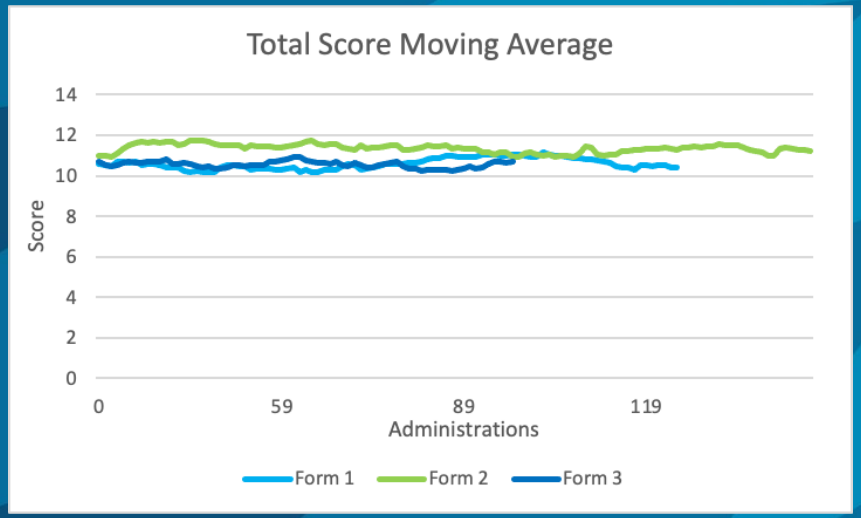


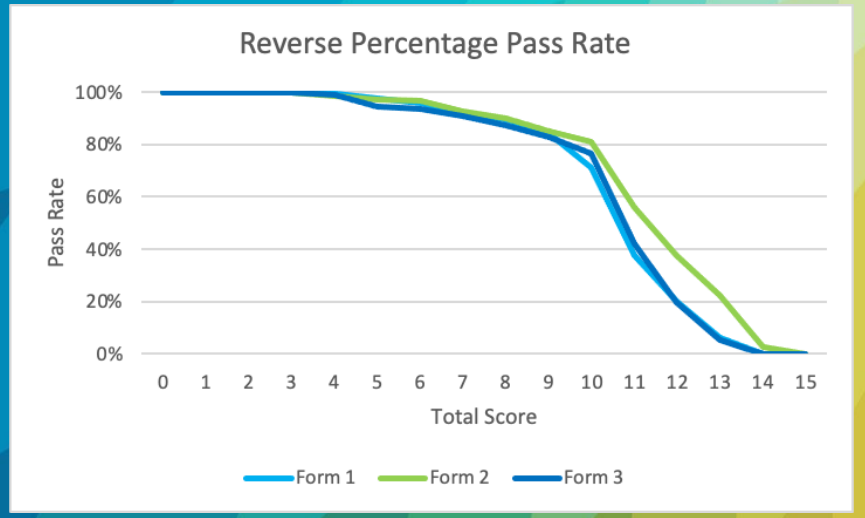
© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

Exam Performance

	Form 1	Form 2	Form 3
Exam Count	125	147	98
Exam Length	15	15	15
Mean Score	10.56	9.56	10.35
Score Standard Deviation	1.96	2.10	1.98
Mean Time Spent	17.87	13.58	11.45
Time Spent Standard Deviation	6.76	5.61	3.96
Median	11.00	9.75	10.75
Mode	11.50	9.75	10.75
Standard Error of the Mean	0.18	0.17	0.20
95% Confidence Level +/-	0.34	0.34	0.39
Minimum	3.75	3.00	2.75
Maximum	14.00	13.75	12.75
Skewness	-0.32	-0.19	-0.41
Alpha Reliability	0.22	0.23	0.23
SEM	0.70	0.63	0.62
95% Confidence Level +/-	1.37	1.24	1.21
Pass Rate	65.60%	72.11%	61.22%







Item Performance

Item Name	Item Status	Score Weight	Count	Median Time (Seconds)	Avg. Item Score	Item Score Correlation	Item Reliability	Difference (End - Start Average)
1	Scored	1	125	57	0.832	0.240	0.090	0
2	Scored	1	125	28	0.528	0.061	0.030	0.02
3	Scored	4	125	502	0.720	0.442	0.497	0.46
4	Scored	1	125	39	0.744	0.540	0.237	0.02
5	Scored	1	125	28	0.824	0.535	0.204	0.04
6	Scored	1	125	21	0.752	0.685	0.297	-0.08
7	Scored	1	125	96	0.640	0.312	0.150	-0.14
8	Scored	1	125	30	0.776	0.337	0.141	0.12
9	Scored	1	125	19	0.896	0.653	0.200	0.02
10	Scored	1	125	44	0.848	0.389	0.140	0.06
11	Scored	1	125	32	0.952	0.212	0.046	0.02
12	Scored	1	125	21	0.888	0.491	0.155	0.06
13	Unscored	1	125	116	0.248	0.106	0.046	0.08

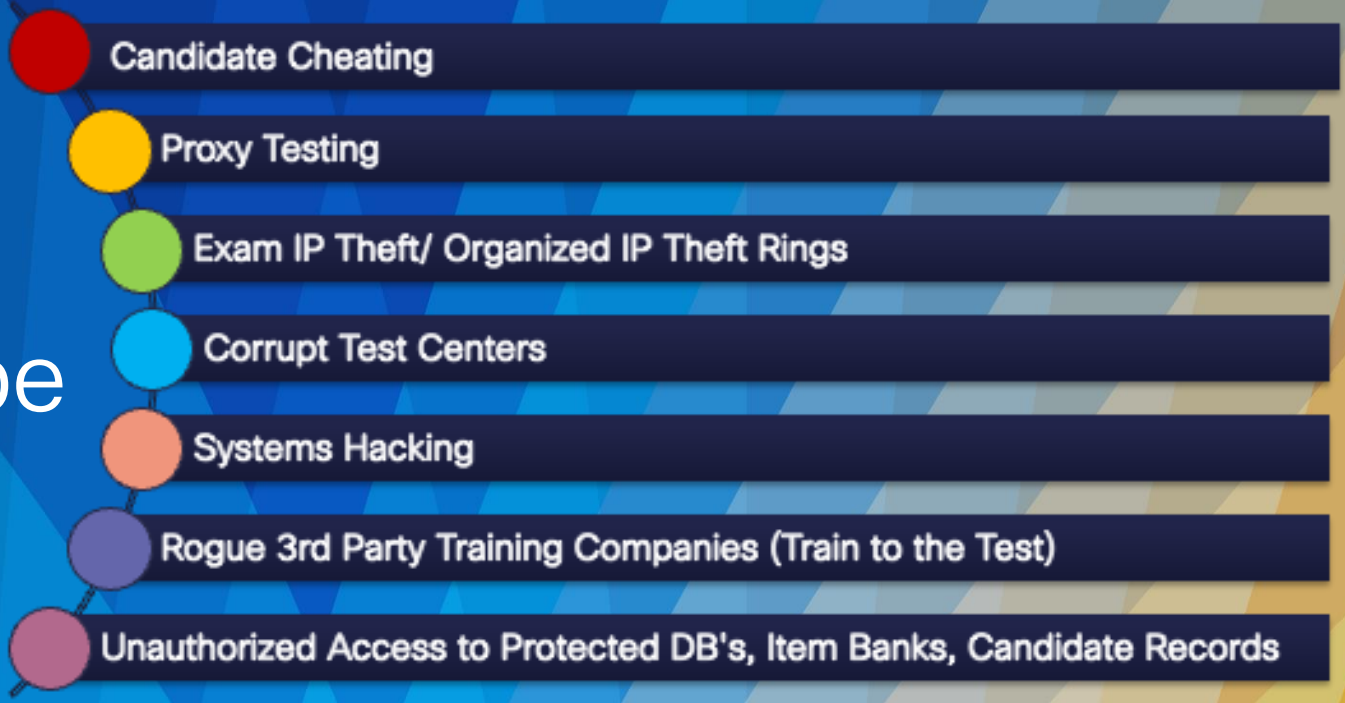
© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

Exam Security's Top 5 Program Priorities

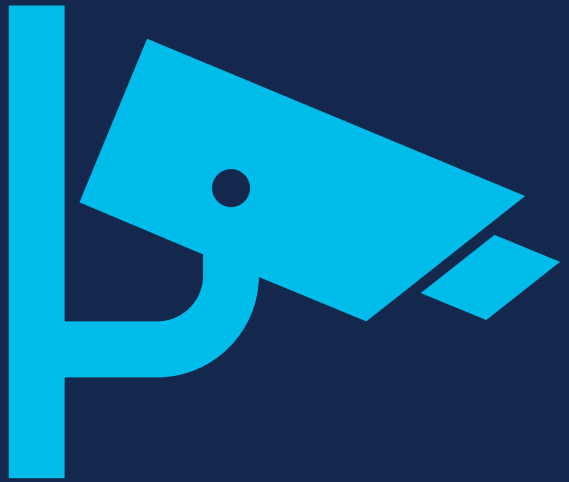
1. Maintain Master Security Plan Ensuring Layered Protections
2. Monitor the Internet for Exam Exposure
3. Enact Legal Protections
4. Administer Program Enforcement Actions
5. Drive Internal Advancements for New Exam Security Protections

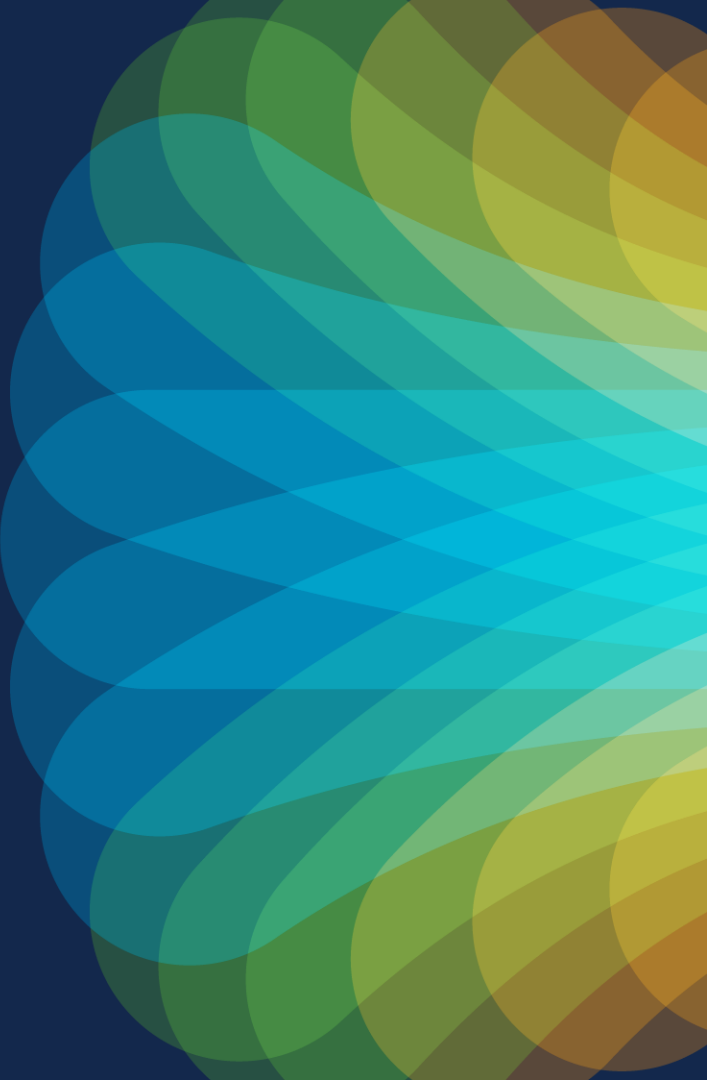
© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

Current Threatscape



Security Hunt





Fill out your session surveys!

Attendees who fill out a minimum of four session surveys and the overall event survey will get **Cisco Live-branded socks** (while supplies last)!

Attendees will also earn 100 points in the **Cisco Live Challenge** for every survey completed.

These points help you get on the leaderboard and increase your chances of winning daily and grand prizes

© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

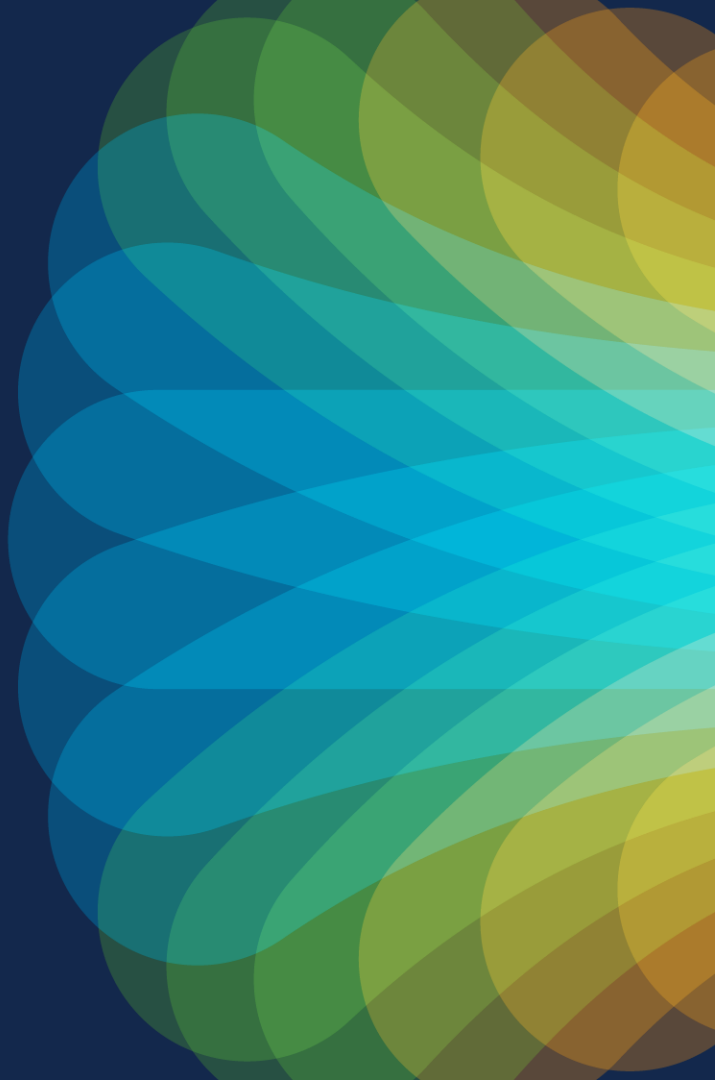
Continue your education

- Visit the Cisco Showcase for related demos
- Book your one-on-one Meet the Engineer meeting
- Attend the interactive education with DevNet, Capture the Flag, and Walk-in Labs
- Visit the On-Demand Library for more sessions at www.CiscoLive.com/on-demand

© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

The bridge to possible

Thank you



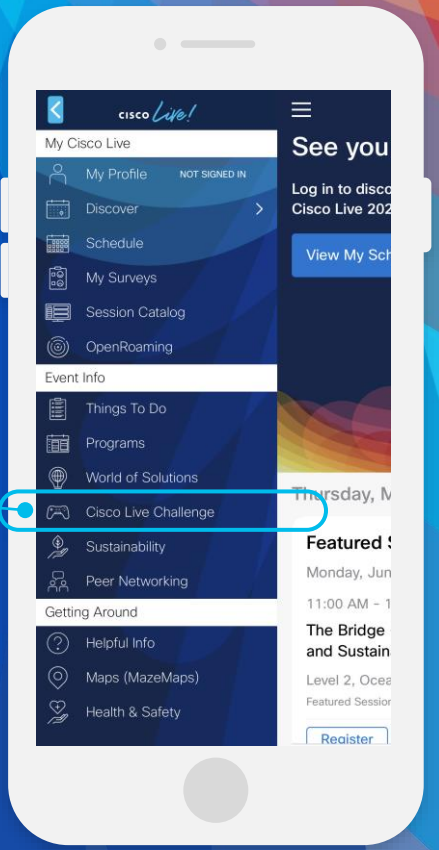
Cisco Live
Challenge

Gamify your Cisco Live experience!

Get points for attending this session!

How:

1. Open the Cisco Events App.
2. Click on 'Cisco Live Challenge' in the side menu.
3. Click on View Your Badges at the top.
4. Click the + at the bottom of the screen and scan the QR code:



© 2023 Cisco and/or its affiliates. All rights reserved. Cisco Public

cisco Live!
Let's go
#CiscoLive