

NICE

NATIONAL INITIATIVE FOR **CYBERSECURITY** EDUCATION



Cybersecurity Workforce Structure Overview

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Angela Curry, DHS/NCSD/CEO

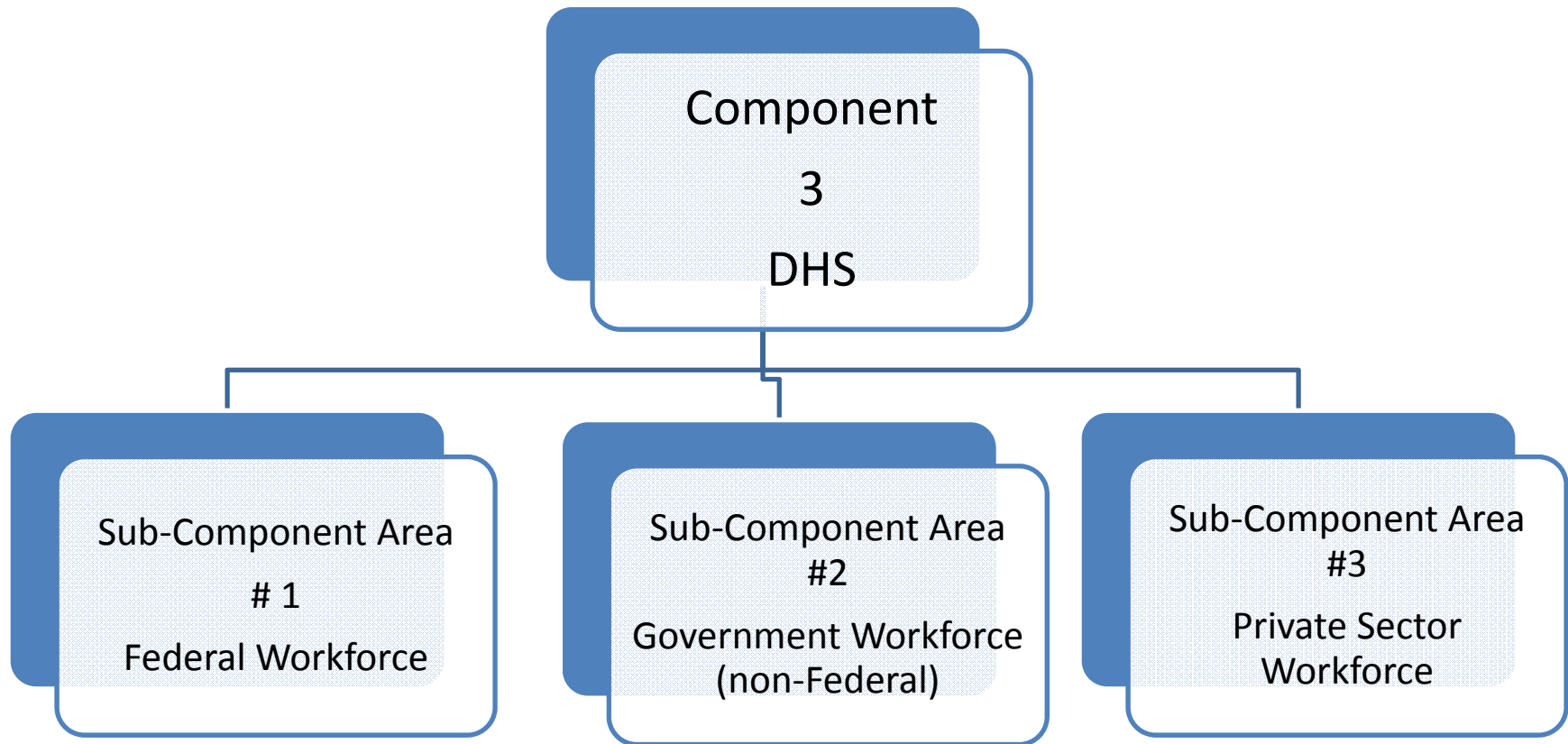
Professionalization

- A profession arises when any trade or occupation transforms itself through *"the development of formal qualifications based upon education, apprenticeship, and examinations, the emergence of regulatory bodies with powers to admit and discipline members, and some degree of monopoly rights.*
 - Alan Bullock & Stephen Trombley, *The New Fontana Dictionary of Modern Thought*, London: Harper-Collins, 1999, p.689.

Goal of Component 3

Define cybersecurity as a profession, attract, recruit, retain, and establish career paths.

Cybersecurity Workforce Structure



Component 3 Tasks

Task 1 – Integrate with C4, disseminate framework, assess workforce

Task 2 – Cybersecurity Workforce “As Is”

Task 3 – Tracking Cybersecurity Workforce Pipeline & Changes
(Envisioned capabilities)

Task 4 – Cybersecurity Workforce “To Be” (Gap Analysis)

Task 5 – Tracking Workforce Recruitment & Retention Effectiveness

Task 6 – Recommend & Plan to Close Workforce Recruitment & Retention Gaps