

## NICE Workforce Framework Dashboard:

# Communication Toolkit

AustCyber is committed to establishing Australia as the leading centre for cyber education.

We believe using a consistent workforce framework for cyber security will help to create a common understanding of the work roles as well as the knowledge, skills, abilities and tasks that underpin them. Achieving this will have a tremendous impact on the workforce shortage in our sector.

A common framework will provide:

- a) **The future and existing workforce** with a resource to understand a career in cyber security to explore the various work roles and the knowledge, skills abilities and tasks that underpin them.
- b) **Education and training providers** with an international standard to map cyber security program offering to ensure alignment of teaching/training outcomes to cyber work roles.
- c) **Employers** with greater transparency on which education and training providers they should partner with to access talent for specific cyber security work roles.
- d) **Policy makers** with the means to access data that measures skills and the skills gaps relevant to work roles across the economy, ensuring government policy is targeted towards initiatives that close the skills gaps.

Internationally, there are a number of workforce frameworks for cyber security. We believe the National Initiative for Cybersecurity Education (NICE) Workforce Framework is the best and provides most detailed breakdown of cyber security work roles.

The NICE Workforce Framework includes:

- 7 categories of work – A high-level grouping of common cyber security functions.
- 33 specialty areas – Distinct areas of cyber security work.
- 52 work roles – The most detailed groupings of cyber security work comprised of specific knowledge, skills, and abilities required to perform tasks in a work role.
- Tasks – Specific work activities that could be assigned to a professional working in one of the NICE Workforce Framework work roles.
- Knowledge, skills and abilities (KSAs) – skills needed to perform tasks, usually demonstrated through relevant experience or performance-based education and training.

The NICE Workforce Framework gives us a common way of thinking and talking about the cyber security workforce and is a great resource for people looking to pursue a career in cyber security.

## Dashboard



AustCyber has developed an interactive dashboard to help people interested in cyber security to explore the various technical and non-technical work roles described in the NICE Workforce Framework.

The dashboard is comprised of the following components:

- Workforce categories
- Specialty areas
- Work roles
- Knowledge, skills, abilities and tasks

## Explainer video



AustCyber has also developed an 'explainer video' to accompany the dashboard with detailed instructions that shows you how to navigate and get the most from the tool.

## How you can spread the word

We would appreciate your help in promoting the dashboard and explainer video to your networks. This information could be shared via email, through a newsletter or on social media.

### Sharing on social media

Below you will find social media posts for both Twitter and LinkedIn, which you are encouraged to share across your channels. These are accompanied by links to a page on AustCyber's website which hosts the dashboard and video.

Please tag @AustCyber and @NISTCyber in your posts and use the hashtag #OzCyber to raise awareness and continue the conversation.

AustCyber will be posting across Twitter and LinkedIn to promote the video. We encourage you to share and retweet these posts.

#### Twitter

Copy	Link
Interested in joining the #CybersSecurity workforce? Use @AustCyber's interactive dashboard to explore the skills you'll need according to the @NISTCyber NICE Framework – <a href="https://bit.ly/2Y24UQe">https://bit.ly/2Y24UQe</a> #OzCyber #NICEFramework #GameOn	<a href="https://bit.ly/2Y24UQe">https://bit.ly/2Y24UQe</a>
@AustCyber's dashboard explores #CyberSecurity work roles using the #NICEWorkforce Framework. You can also learn the skills & abilities required to perform tasks within each work role – <a href="https://bit.ly/2Y24UQe">https://bit.ly/2Y24UQe</a> #OzCyber #GameOn	<a href="https://bit.ly/2Y24UQe">https://bit.ly/2Y24UQe</a>

#### LinkedIn

Copy	Link
If you work (or would like to work) in cyber security, check out @AustCyber's #NICE Workforce Framework dashboard. It's designed to help students, cyber security professionals and recruiters to learn about potential roles in #CyberSecurity and the knowledge, skills, abilities and tasks that underpin them. <a href="https://bit.ly/2Y24UQe">https://bit.ly/2Y24UQe</a> #OzCyber #GameOn	<a href="https://bit.ly/2Y24UQe">https://bit.ly/2Y24UQe</a>
Want to learn more about the #CyberSecurity workforce and the different roles available? @AustCyber's #NICE Workforce Framework allows users to explore the different cyber security work roles. Users can follow the three-step process to explore the different cyber security work roles as well as the knowledge, skills, abilities and tasks recommended for each. <a href="https://bit.ly/2Y24UQe">https://bit.ly/2Y24UQe</a> #OzCyber #GameOn	<a href="https://www.youtube.com/watch?v=C-geoEH9Mhs&amp;t=">https://www.youtube.com/watch?v=C-geoEH9Mhs&amp;t=</a>

### Useful links

NICE Workforce Framework explainer video – <https://www.youtube.com/watch?v=C-geoEH9Mhs&t=>

NICE Workforce Framework interactive dashboard – <https://bit.ly/2Y24UQe>



If you have any questions about how to use this toolkit, please contact [info@austcyber.com](mailto:info@austcyber.com).