

1. What ideas would you like to see included in the Strategy to make Australia the most cyber secure nation in the world by 2030?

We have the experience and exposure internationally in the area of Cyber security posture models, services and product/platforms that are going to be future demand globally and in Australia.

We suggest that a "Zero Trust Architecture" be adopted as a key mechanism to achieve cyber resilience and as a measure

As a lead in please find below a description of "ZTA" relevant at a national level.

Zero Trust Architecture (ZTA) is a security framework that requires strict identity verification for every person or device seeking access to a network or application, regardless of whether they are inside or outside the network perimeter.

Traditionally, security architectures have relied on a "trust but verify" approach, where users and devices inside the network are trusted by default, and security measures are focused on preventing external threats from entering the network.

In contrast, a ZTA assumes that no one and nothing can be trusted by default, and thus access to resources is granted only after verifying the identity of the user or device and their level of authorization. ZTA also emphasizes the principle of least privilege, which means that users and devices should only have access to the minimum amount of resources required to perform their tasks.

ZTA involves a combination of technologies and best practices, including multifactor authentication, encryption, micro-segmentation, and continuous monitoring, among others. The goal is to create a security architecture that is more

resilient and adaptive to changing threats, while providing better visibility and control over network activity.

2. How should the Strategy evolve to address the cyber security of emerging technologies and promote security by design in new technologies?

Australia should adopt a innovate and bolt on strategy based on the zero trust paradigm and integrate with fading technologies. Literally 100's of products are being developed and sed globally to monitor and protect all layers of the IT architecture in complex business models. A seamlessly integrated platform with adaptive capability should be the way forward.