






Z E R O

FUNCTION	TRADITIONAL	ADVANCED	OPTIMAL
Access Authorization	Agency's access to applications is primarily based on local authorization and static attributes.	Agency's access to applications relies on centralized authentication, authorization, monitoring, and attributes.	Agency continuously authorizes access to applications, considering real-time risk analytics.
Threat Protection 	Agency threat protections have minimal integration with application workflows, applying general purpose protections for known threats.	Agency has basic integration of threat protections into application workflows, primarily applying protections for known threats with some application-specific protections.	Agency strongly integrates threat protections into application workflows, with analytics to provide protections that understand and account for application behavior.
Accessibility 	Some critical cloud applications are directly accessible to users over the internet, with all others available through a virtual private network (VPN).	All cloud applications and some on-premises applications are directly accessible to users over the internet, with all others available through a VPN.	All applications are directly accessible to users over the internet.
Application Security 	Agency performs application security testing prior to deployment, primarily through static and manual testing methods.	Agency integrates application security testing into the application development and deployment process, including the use of dynamic testing methods.	Agency integrates application security testing throughout the development and deployment process, with regular automated testing of deployed applications.
Visibility and Analytics Capability 	Agency performs application health and security monitoring in isolation of external sensors and systems.	Agency performs application health and security monitoring in context with some external sensors and systems.	Agency performs continuous and dynamic application health and security monitoring with external sensors and systems.
Automation and Orchestration Capability 	Agency establishes application hosting location and access at provisioning.	Applications can inform device and network components of changing state.	Applications adapt to ongoing environmental changes for security and performance optimization.