Application Security

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Application Security is the process of developing, adding, and testing security features within applications to prevent security Vulnerabilities against cyberthreats such as unauthorized access and modification.

Application Security describes security measures at the Application level that aim to prevent data or code within the app from being stolen or hijacked. It encompasses the security considerations that happen during application development and design, but it also involves systems and approaches to protect apps after they get deployed.

Application Security may include Hardware (H/W), Software (SW), and Business Processes that identify or minimize security Vulnerabilities. A router that prevents anyone from viewing a computer's Internet Protocol Address (IP Address) from the Internet is a form of hardware **Application Security**. But security measures at the application (**Note:** NOT to be confused with OSI Application Layer or the TCP/IP Conceptual Model Application Level) are also typically built into the software, such as an Application firewall that strictly defines what activities are allowed and prohibited. Business Processes can entail things like an **Application Security** routine that includes protocols such as regular testing.

Source: https://www.vmware.com/topics/glossary/content/application-security

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Last update: **2022/01/19 10:51**