

Research and development of Gadget Chain to exploit the Insecure Deserialization vulnerability in PHP Framework.

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Abstract: This topic focuses on analyzing and remediating security vulnerabilities caused by insecure deserialization in PHP framework applications. Through theoretical research combined with experimentation, we have developed Gadget Chain - an optimal solution to prevent exploitation by attackers. The project's objective is to provide developers with knowledge and tools to enhance system security. The expected outcomes of this topic will significantly contribute to the field of application security, improving defense capabilities against attacks through insecure deserialization.

Keywords: Insecure Deserialization, PHP Framework, Gadget Chain, Application Security, Experimental Research