(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国 际 局

(43) 国际公布日
2025 年 10 月 2 日 (02.10.2025)

WIPO | PCT

(10) 国际公布号
WO 2025/202746 A1

(51) 国际专利分类号:
H04L 9/32 (2006.01) *H04L 41/0894* (2022.01)

(21) 国际申请号: PCT/IB2025/051584

(22) 国际申请日: 2025 年 2 月 14 日 (14.02.2025)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
202410346511.2 2024年3月25日 (25.03.2024) CN

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根据细则4.17的声明:
— 关于申请人有权要求在先申请的优先权(细则4.17(iii))

WO 2025/202746 A1

(54) **Title:** CONTAINER ISOLATION METHOD, APPARATUS AND SYSTEM, ELECTRONIC DEVICE, AND STORAGE MEDIUM

(54) 发明名称: 容器隔离方法、装置、系统、电子设备及存储介质

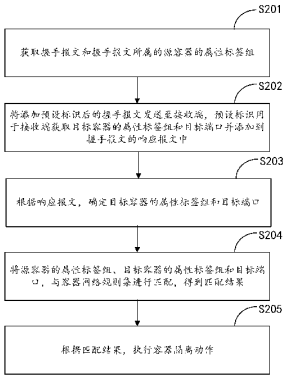

图 2

S201 Acquire a handshake packet and an attribute tag group of a source container to which the handshake packet belongs
S202 Send to a receiving end the handshake packet to which a preset identifier has been added, wherein the preset identifier is used by the receiving end to acquire an attribute tag group of a target container and a target port and add same to a response packet of the handshake packet
S203 On the basis of the response packet, determine the attribute tag group of the target container and the target port
S204 Perform matching on the attribute tag group of the source container, the attribute tag group of the target container, and the target port by means of a container network rule set to obtain a matching result
S205 Execute a container isolation action on the basis of the matching result

(57) Abstract: The present disclosure relates to the technical field of network security, and provides a container isolation method, apparatus and system, an electronic device, and a storage medium. In embodiments of the present disclosure, a handshake packet is modified, a preset identifier is added, and an attribute tag group of a target container of and a target port of a network peer are carried in a response packet of the handshake packet, thereby achieving container identity confirmation of both parties of a network connection. Without affecting handshake performance, rule matching is performed by means of a container network rule set, so as to execute a container isolation action. The present invention does not depend on a network plug-in of a container network, and can achieve container isolation in environments where network plug-ins cannot provide support.

(57) 摘要: 本公开提供了一种容器隔离方法、装置、系统、电子设备及存储介质，涉及网络安全技术领域，本公开实施例中，通过改造握手报文，添加预设标识，在握手报文的响应报文中携带网络对端的目标容器的属性标签组和目标端口，从而实现网络连接两方的容器身份确认。在对握手性能无影响的情况下，通过容器网络规则集进行规则匹配，执行容器隔离动作。不依赖容器网络的网络插件，可以在网络插件不支持的环境下实现容器隔离。

[见续页]

本国际公布:
— 包括国际检索报告(条约第21条(3))。