DeFiインフラとしてのブリッジ

Dr Alexander Ressos, TEP
Attorney-at-Law (Switzerland and Germany),
Solicitor (England & Wales and Hong Kong)
Of Counsel, KGP Legal LLC
alexander.ressos@kgplegal.com.sg
www.ressos.com.sg

第I章ではブリッジを技術面から説明しました。DeFiの文脈では、ブリッジは最大の損失が生じる箇所です。2022年3月のRoninブリッジの攻撃（6億2,500万米ドル）、2022年2月のWormholeの攻撃（3億2,500万米ドル）、2022年8月のNomadの攻撃（1億9,000万米ドル）は、デジタルアセットの歴史の中でも最大級の盗難事件です。いずれも、そのセキュリティが少数の鍵や欠陥のあるコントラクトに依存していたブリッジで起きました。[1]ブリッジが攻撃を受けた後の法的な問題は、ラップドトークンの保有者に対して誰が義務を負っていたのか、そもそも誰かが負っていたのか、という点です。RoninにおけるSky Mavisのように、ブリッジを会社が運営している場合、保有者はその会社に対して契約上または不法行為上の請求権を有します。ブリッジが仮名のバリデーターによるマルチシグの集合である場合、保有者は、第VII章で論じる単純組合と本人特定の問題に直面します。

© 2026 Dr Alexander Ressos. General information only, not legal, tax or investment advice. No client relationship is created. All Singapore law advice is provided by a duly licensed and regulated firm of Singapore advocates and solicitors only on the basis of an express written letter of engagement. More information at SingaporeIQ.com and ressos.com.sg.

注

1. 数値は各プロジェクトおよびChainalysis, Crypto Crime Report 2023のDeFiハッキングに関する章による報告に基づきます。攻撃の刑法上の分類は第H部第I章で扱います。 ↩

Disclaimer

This article is provided for general information only. It is based on publicly available sources as at its date of publication. These sources have not been independently verified against licences, regulatory registers or the records of the entities concerned. It is not legal, tax, financial or investment advice. Nor is it a recommendation to invest in, transact with or use the services of any entity mentioned. Law and regulation change frequently, so the content may be incomplete or outdated. To the fullest extent permitted by law, Dr Alexander Ressos and the publisher of SingaporeIQ exclude all liability for loss or damage arising from the use of or reliance on this article. Readers should obtain advice on their specific circumstances before acting or refraining from action.

Names and trademarks of the entities discussed belong to their owners and are used for identification only. Their mention implies no endorsement, affiliation or allegation of wrongdoing. All Singapore law advice is provided by a duly licensed and regulated firm of Singapore advocates and solicitors only on the basis of an express written letter of engagement. Corrections and updates: contact@ressos.com.

© 2026 Dr Alexander Ressos. This article may be quoted with attribution to SingaporeIQ (SingaporeIQ.com). Reproduction in full and any commercial use require prior written consent. The Legal Terms at https://singaporeiq.com/legal-terms apply.

Author contact: Dr Alexander Ressos, TEP · contact@ressos.com