



Intelligent Programmatic Peering Summary Report

Alliance for Telecommunications Industry Solutions
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Abstract

The TOPS Council's Intelligent Programmatic Peering Landscape Team (IPLT) completed an assessment of several possible near-term mechanisms that would enable automated service provider coordination across peering interfaces to quickly mitigate the impact of Distributed Denial of Service (DDoS) attacks. Possible operational limitations were discussed, and potential protocol work identified.

Foreword

As a leading technology and solutions development organization, the Alliance for Telecommunications Industry Solutions (ATIS) brings together the top global ICT companies to advance the industry's most pressing business priorities. ATIS' nearly 200 member companies are currently working to address the All-IP transition, 5G, network functions virtualization, big data analytics, cloud services, device solutions, emergency services, M2M, cyber security, network evolution, quality of service, billing support, operations, and much more. These priorities follow a fast-track development lifecycle – from design and innovation through standards, specifications, requirements, business use cases, software toolkits, open source solutions, and interoperability testing.

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