Otemachi Research Center

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Organization

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Yoshihiko Kanaumi (NEC), Shinsuke Suzuki (Alaxala
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Satoshi Uda (JAIST), Akira Kato (The Univ. of Tokyo),
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Subjects of Research and Development on JGN2 R&D Project
Support tools for the next generation Internet configuration and operation
IRIDES network architecture
Evaluation methods and tools for the IPv6 equipment
Connectivity management technology for highly reliable wide-area networks

We work on several networking tools (e.g. traffic analysis and routing protocol measurement) to support the configuration and operation of the next generation Internet infrastructure (e.g. MPLS, traffic management,DNS).

IRIDES (Invitation Routing Information aDvertisement for path Engineering System) expands the concept of "anycast" to control network paths in the Internet. We work on Layer-3 technologies related to IRIDES, protocols and operation for its practical deployment .

We work on evaluation methods and tools check interoperability of various kinds of IPv6 equipment using IPsec, IKE, MPv6, SIP and routing protocols etc., which contributes to the stability of the IPv6 Internet.

We work on tools and equipment for the IPv6-based sensor-network architecture, protocols, and operations.

Feedback

Otemachi Research Center

Development of Measurement tools and Traffic generation tools

Router

Router

Chugoku Research Center

Vendor

In-kind

Development of evaluation specification/tools