By separating the service function of the network from the basic transfer function, it is possible to construct a flexible network in accordance with demand. We plan to develop a service functions menu and a network that can be customized by flexible selecting various services via APIs from Service Providers.

**Features**

- Function provision and scale performance ensured by virtualization technology (virtual machine placement, resource monitoring) that enables dynamic and flexible correspondence
- Providing APIs for service providers that enable traffic flow measurement, bandwidth control service, etc.
- Functions such as traffic measurement and analysis can be managed from the policy control server
- Achieving flexible construction and operation by separating and virtualizing SBC functions from edge routers

**Application Scenarios**

- Traffic visualization and analysis
- Heavy user notification and rate limits
- Proposal based user traffic analysis using opt-in
- Turbo service

*1 DPI: deep packet inspection
*2 SBC: session border controller

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