

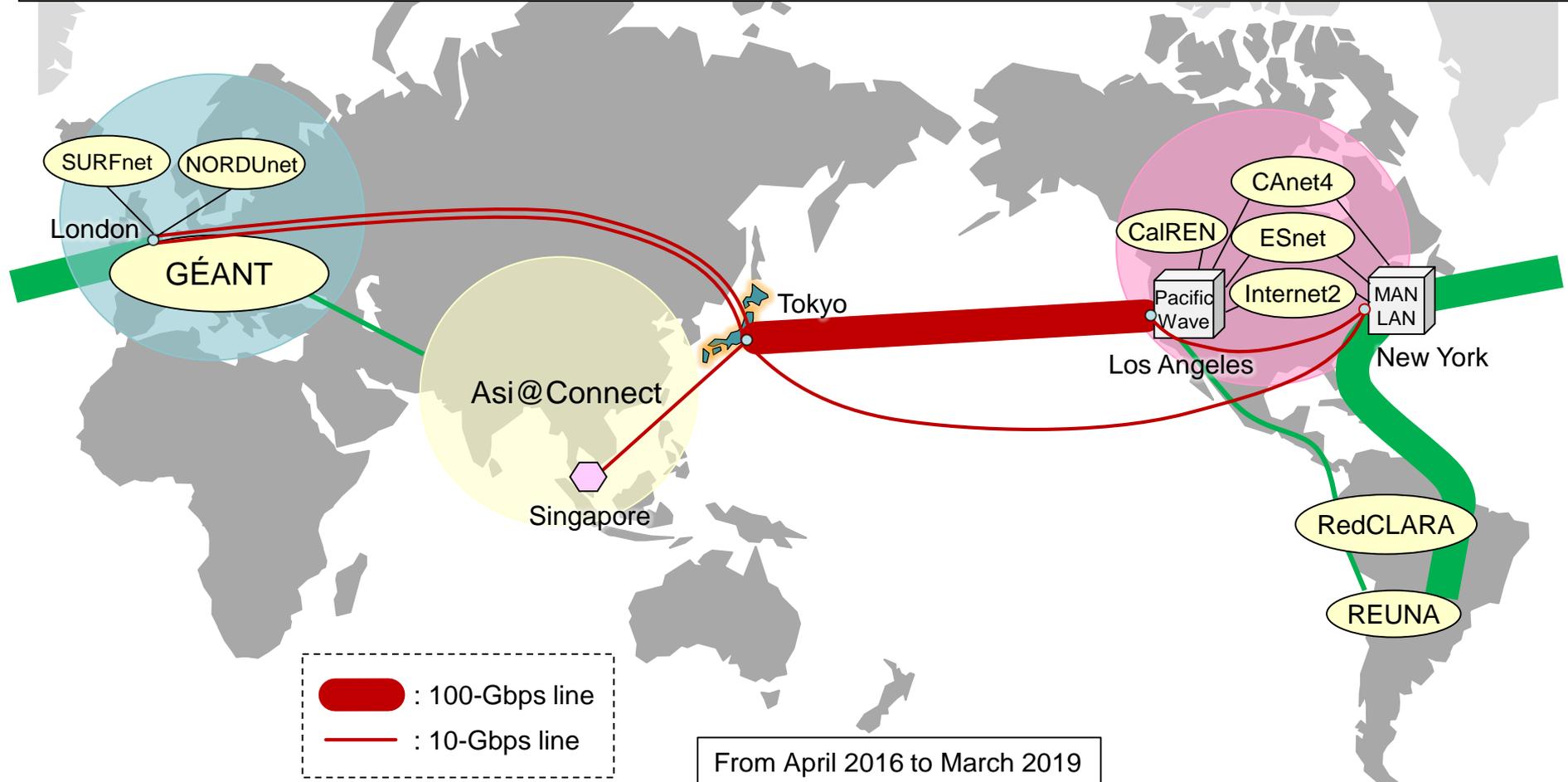
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SINET5 Update

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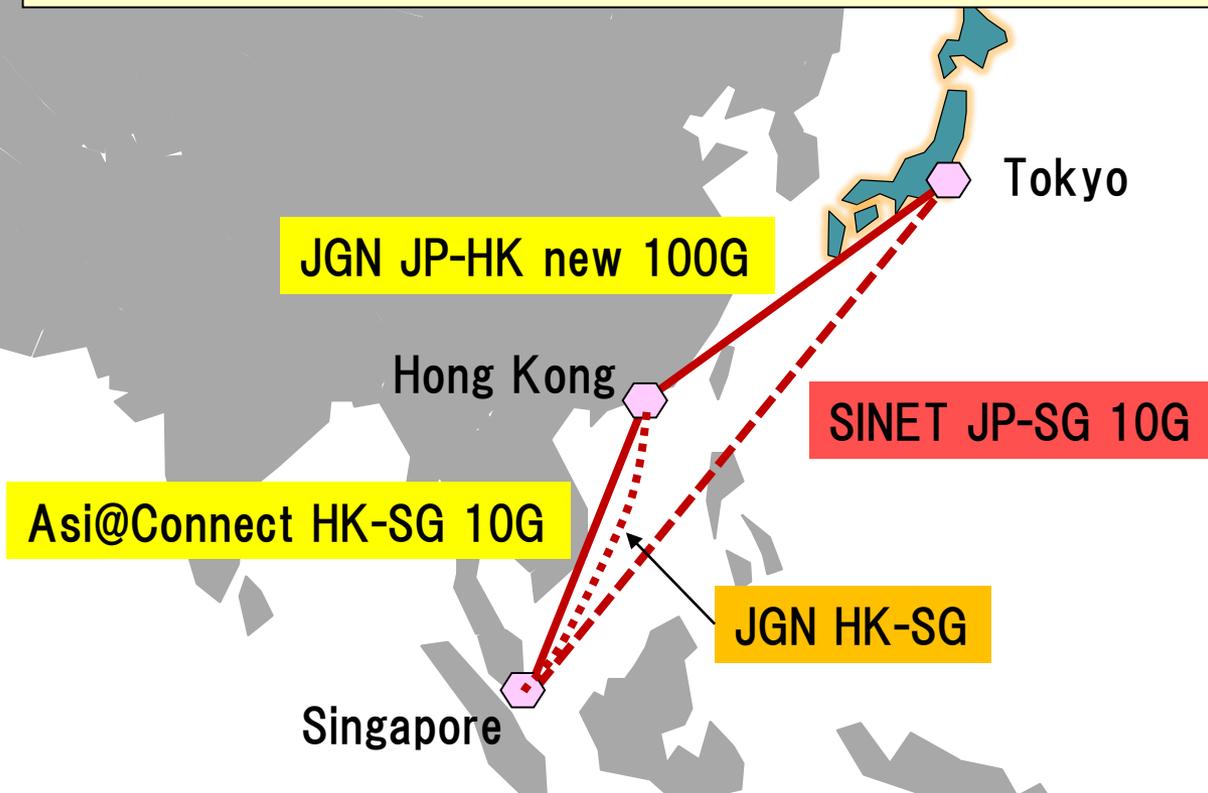
Current International Lines

- ◆ SINET5 has direct international lines to Europe, USA, and Asia.
 - Europe: Two 10-Gbps lines to London for small latency via Russia
 - USA: 100-Gbps line to Los Angeles, 10-Gbps line to New York, and 10-Gbps backup line
 - Asia: 10-Gbps line to Singapore



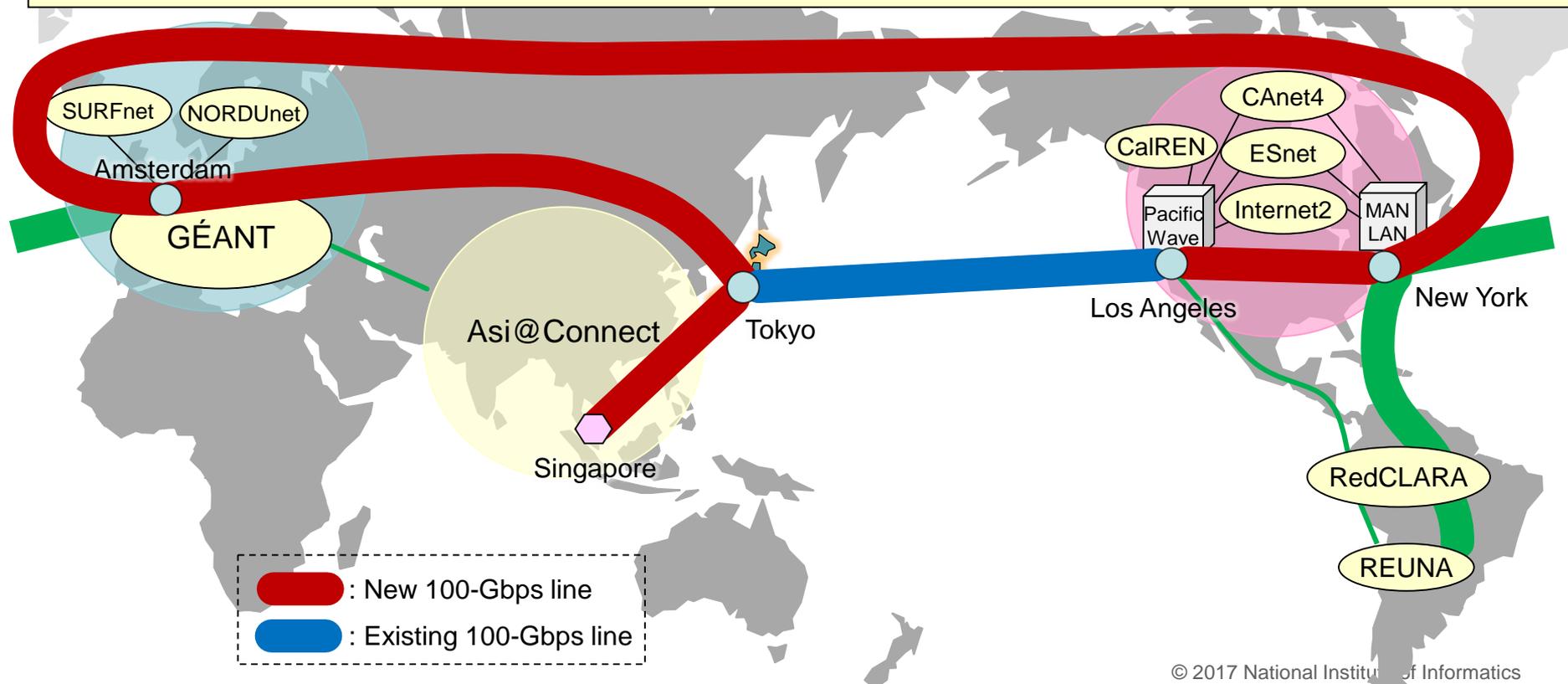
JP-SG cable cut

- ◆ SINET JP-SG 10G link was affected during 8th Nov. 2017 - 11th Dec. 2017 (about 33days 8hours)
- ◆ Rerouted via JP-HK-SG
 - JP-HK was supported by JGN new 100G link (mutual cooperation)
 - HK-SG was supported by Asi@Connect 10G link
 - JGN HK-SG was working for upgrading to 100G



Upgrade Plan in 2019

- ◆ SINET will upgrade the Europe-Japan line to 100 Gbps (to Amsterdam)
- ◆ SINET will also have a 100-Gbps line from Tokyo to New York via Los Angeles
 - Direct 10-Gbps Tokyo-New York line will be terminated
- ◆ SINET will probably have a 100-Gbps line between Amsterdam and New York
- ◆ **SINET will have a 100-Gbps Tokyo-Singapore line (upgrade from 10 Gbps)**
- ◆ The Europe-Japan line will be operational in February 2019 and the other lines **in March 2019**.





Thank you very much!