

Distribution of link lengths & Connectors Number

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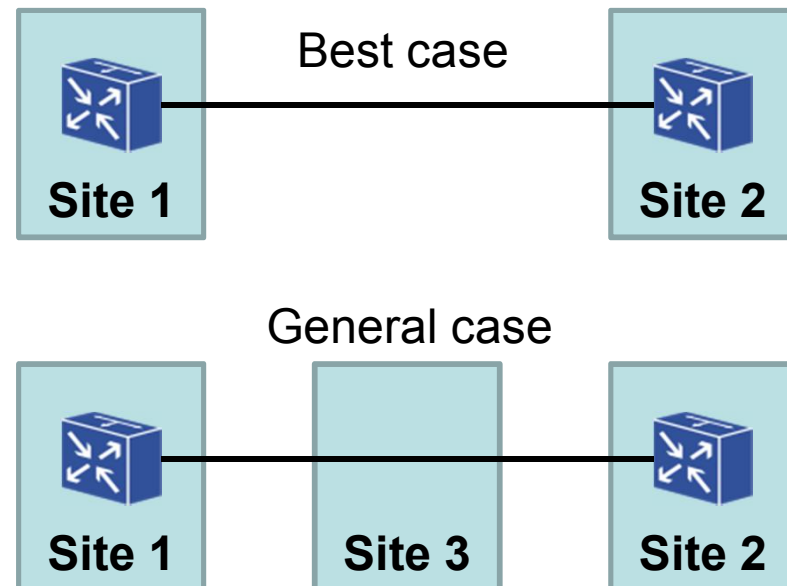
Deployment environment of 40GE-ER4

Distribution of link lengths

- In our network, we plan to use 40GE-ER4 mainly for the aggregation ring of the metro PTN network. The following data is from links between aggregation nodes.
- We calculate the distribution of link lengths in Beijing, the result is:
 - For urban area, 60% less than 10km, 20% between 10~20km, 20% between 20~40km
 - For suburban area, the link length will be a little more than urban area
- The other provinces have the similar distribution. For all provinces, the length of 90~95% links are less than 40km.

Connectors number

- Because of using ODF, each site will introduce at least 2 connectors
- For the best case, there will be 4 connectors between nodes
- Generally, the link between two nodes will go across some other sites, so there will be at least 6 connectors



Thank you
Q&A