

# Use cases for operating networks in the overlay model context

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**draft-ceccadedios-ccamp-overlay-use-cases-05**

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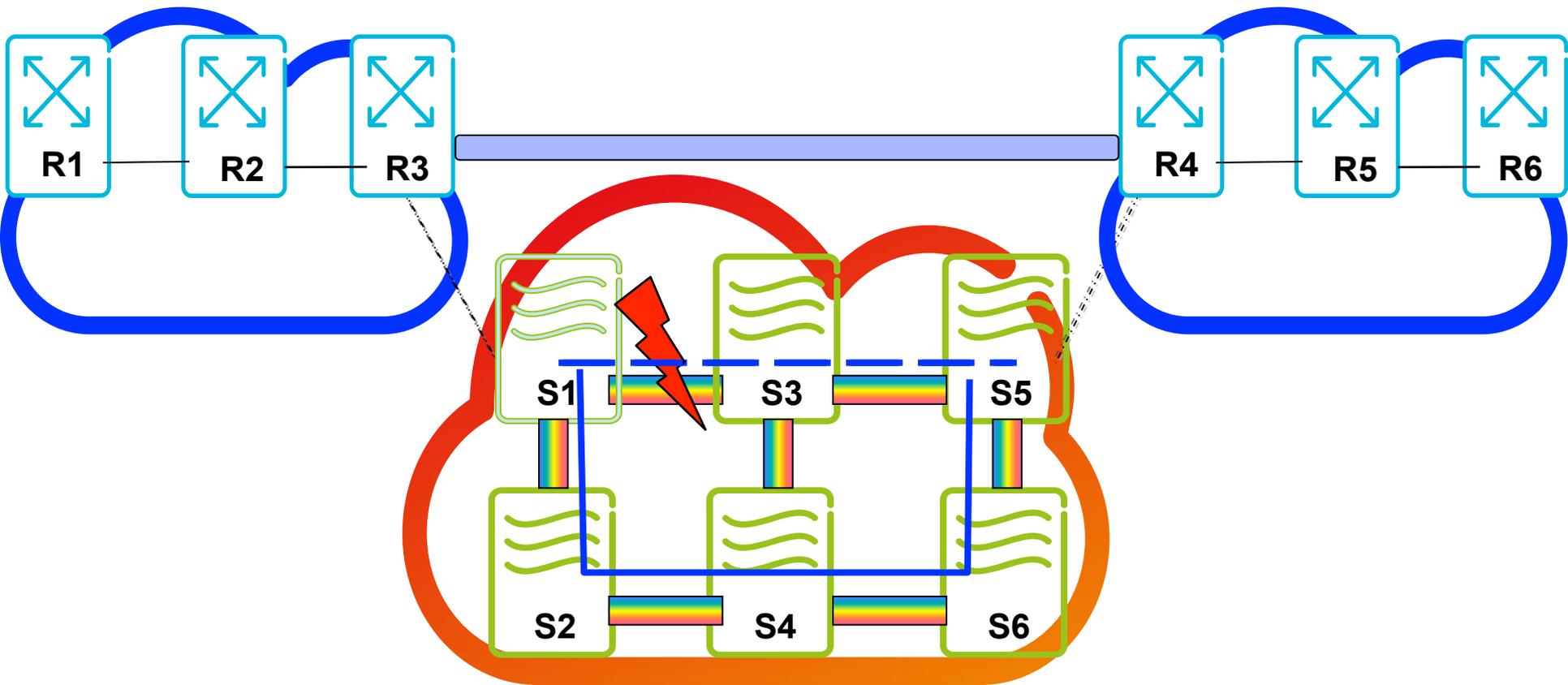
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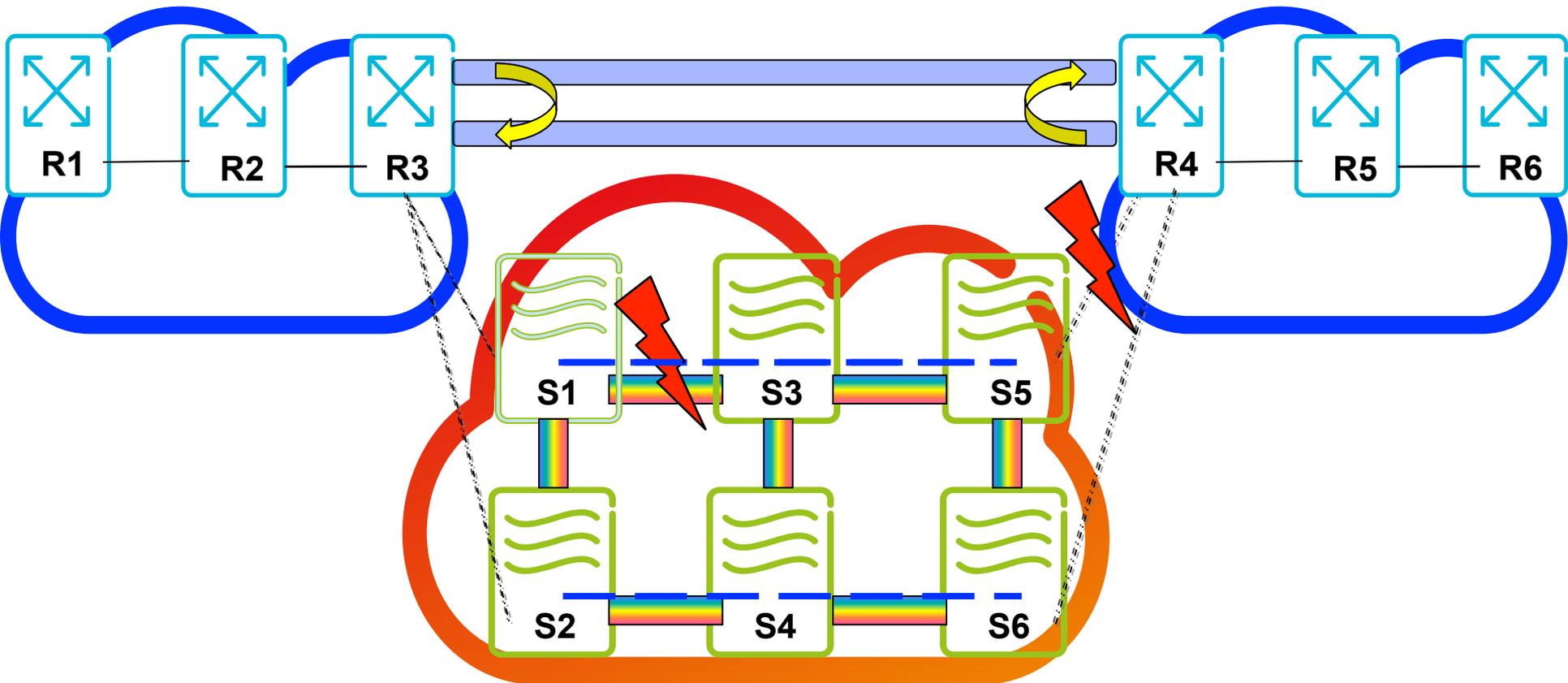
# The draft would like to...

- ...define use cases for operating overlay networks
- ...define a set of assumptions to be used as the basis for the design of use cases
- ...trigger discussion on which ones are needed and which ones are not

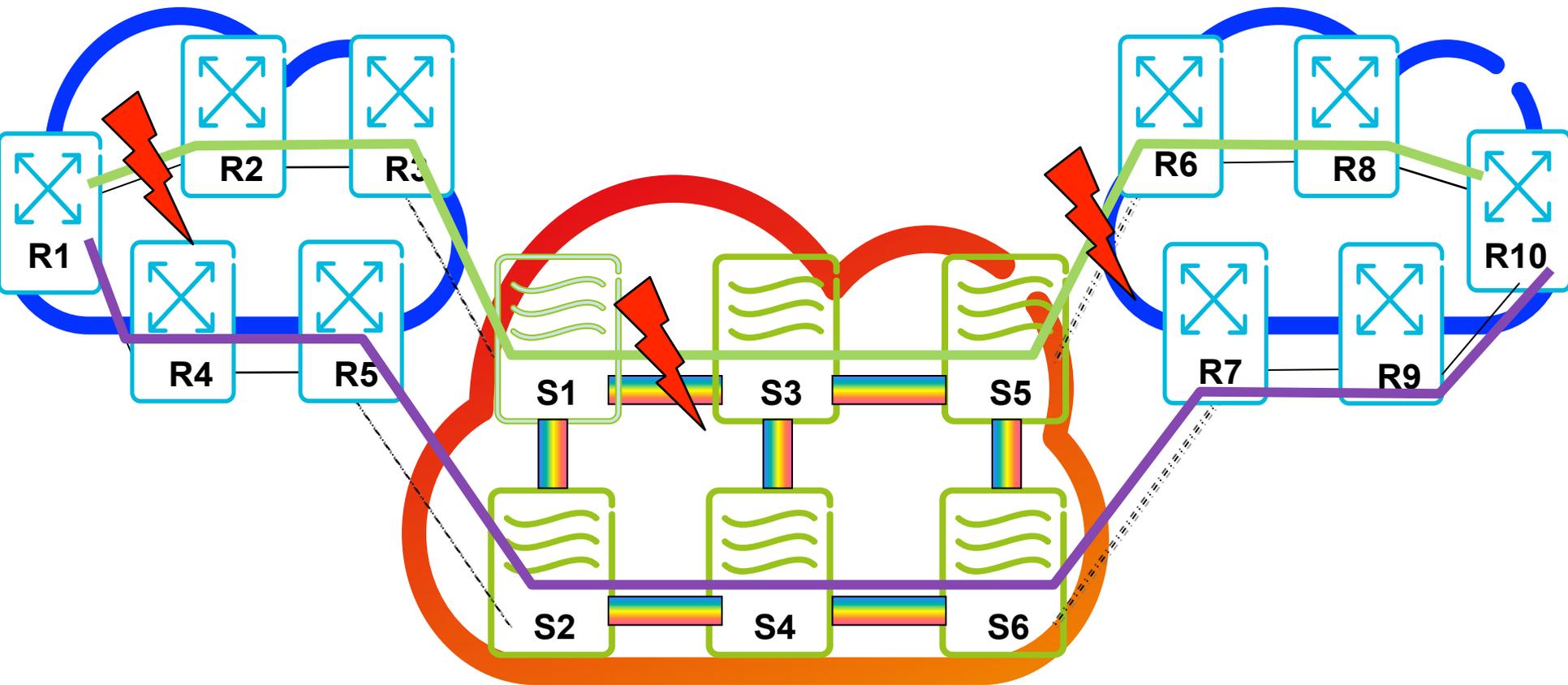
# Diversity use cases: Single homing



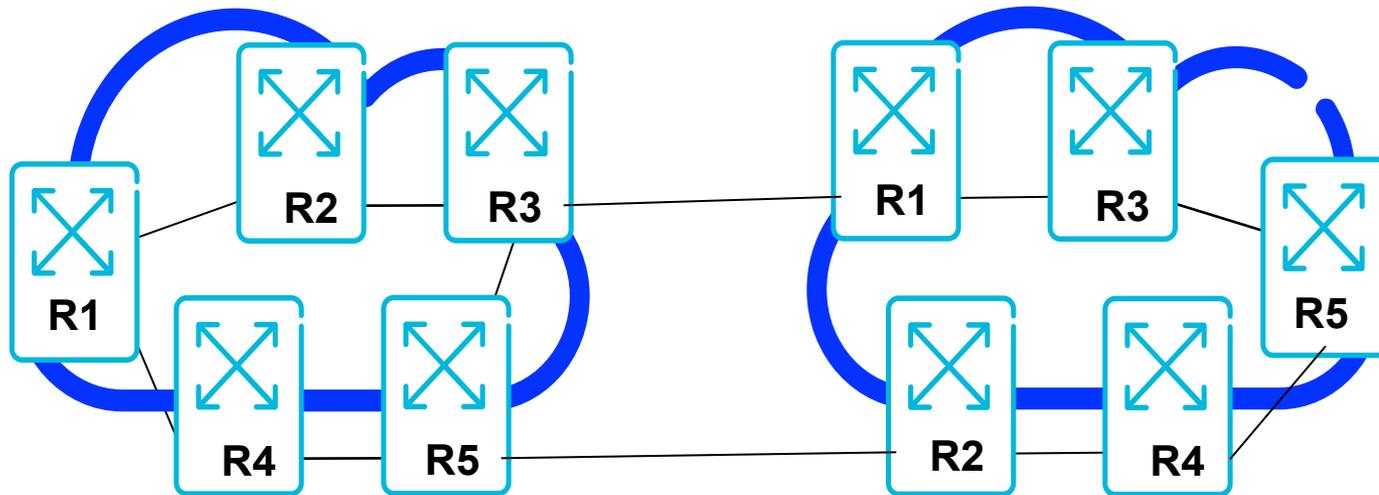
# Diversity use cases: Dual homing



# Diversity use cases: LSPs with different source and/ or destination address



# Diversity use cases: single & multi-domain



# Use cases & requirements

- UC 1 - Provisioning
- UC 2 - Provisioning with optimization
- UC 3 - Provisioning with constraints
- UC 4 - Diversity
- UC 4A - Service Affinity
- UC 5 - Concurrent provisioning
- UC 6 – Reoptimization
- UC 7 - Query
- UC 8 - Availability check
- UC 9 - P2MP services
- UC 10 - Privacy
- UC 12 - Stacking of overlay interfaces
- UC 13 - Server layer resiliency parameters

# Next Step

- Consolidate agreed use cases
- Discard not relevant ones
- Keep alignment with framework and terminology drafts
- Right place for “diversity” use cases & requirements?