

AAAv6

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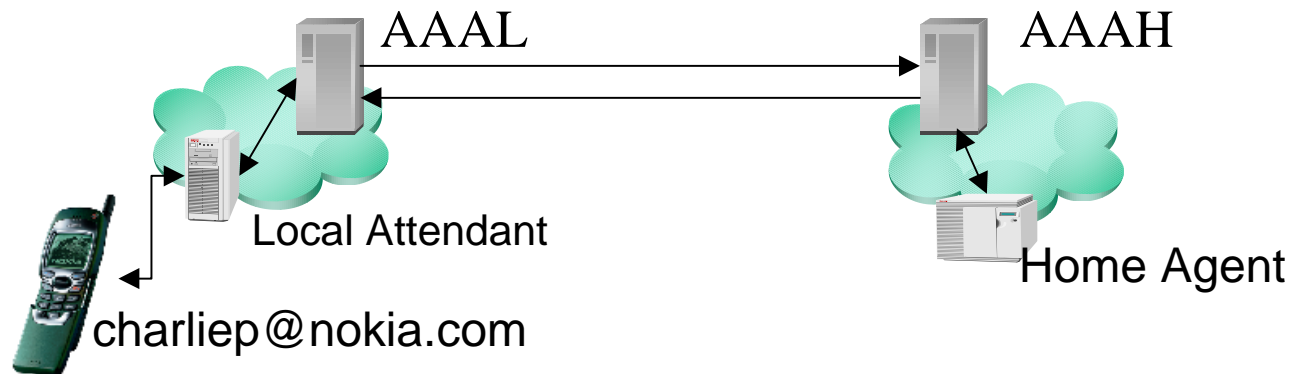
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# Conformance to IPv4 model

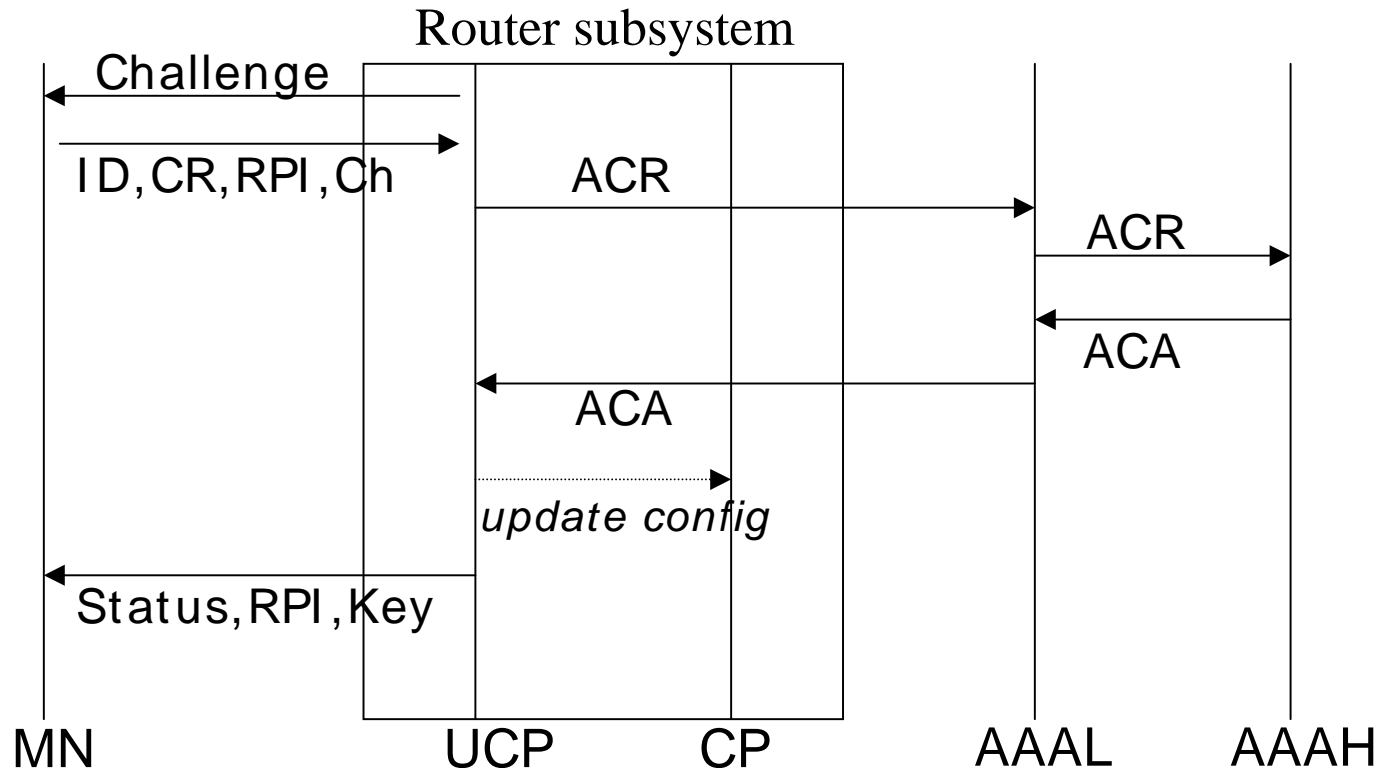
- Basic DIAMETER doesn't need changes
- AAA servers in home and local domain
- Attendant at local point of attachment
- Node desiring authorization supplies identification and credentials to attendant

# AAA & Mobile IP protocol overview



- Advertisement from local attendant (e.g., router)
- Connectivity request from Mobile Node
- Local Attendant asks AAAL for help
- AAAL parses ID (MN-NAI's realm) to contact AAAH
- AAAH authenticates & authorizes, starts accounting
- AAAH, optionally, allocates a home address
- AAAH contacts & initializes Home Agent

# General AAAv6 protocol overview



- Default router/access router has uncontrolled and controlled “parts” (UCP and CP)

## Using AAAv6

- CP can be realized by controlling insertion of new entries into the Neighbor Cache
- Is the attendant function located in the default router?
- Can IPv6 address eliminate need for NAI?
- Should DHCPv6 attendant be the DHCPv6 relay?
- ICMP, UDP, or Dest. Opt. to/from the attendant?
- Challenge value Request/Response (e.g., for EAP)
- Additional info (e.g., port #) before authorization?

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