

# RFC 2002bis

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# Changes from RFC 2002

- Foreign agents SHOULD support Reverse Tunneling
- Advertisements MAY be issued more often than once per second
- SPI number MUST be included as part of authentication calculation

# New appendices

- Added new appendix with existing and proposed number assignments
- Added new appendix with change information
- Added new appendix with overall packet format examples for advertisement and registration messages

# ARP limitations

- Mobile node **MUST NOT** use ARP when away from home
- Mobility agents **SHOULD NOT** advertise other default routers
- Foreign agent **MUST NOT** broadcast ARP for mobile node's IP address

# Bits

- Home agent MUST ignore ‘V’ bit
- Home agent MUST ignore ‘B’ bit if it does not support broadcast (instead of rejecting the registration)
- Registrations with unknown care-of address and ‘D’ bit zero MUST be rejected
- Mobile node MUST ignore reserved bits in advertisements

# More changes

- Mobile node MAY use care-of address with multicast
- Mobile node MAY use source IP address of advertisement as default router
- Foreign agent MAY limit number of pending registrations (typically 5?)