

# TAHI NEMO Tester

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TAHI Project

# Contact Point

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# Approach

- TAHI already have complete MIPv6 Tests
- Extending MIPv6 Tests
  - Almost all tests except RR will be recycled
    - MN(MIPv6) => MR(NEMO)
    - HA(MIPv6) => HA(NEMO)
  - Add some tests specialized to NEMO
- For BU/BA
  - Supports both Implicit and Explicit modes
  - Supports both Ingress and Egress address registration

# New tests

- (R)bit in BU/BA
- BU Explicit Mode
- Forwarding
- (R)bit in DHAAD
- (R)bit in Home Agent Information Option
- Nested Mobility Network
  - MR jump-in the link under another MR
  - Node under nested MR transmits Double-tunneled packets
- Etc..

# Development Priority

1. Mandatory Functions
2. Real Home Link
3. DHAAD
4. MPD
5. IKE



Internal  
Priority

# Schedule(Hopefully)

	2005 Aug.	Sep.	Oct.	Nov.	Dec.	2006 Jan.	Feb.	Mar.	Apr.
Step1	→			⋮		TAHI Test Event			⋮
Step2			ETSI Plugtests	→			⋮	Not Sure...	
Step3						⋮	→		

## Step1

- ✓ MR(total 110 tests)
  - Mandatory Functions
  - Real Home Link
- ✓ HA(total 200 tests)
  - Mandatory Functions

## Step2

- ✓ MR (total 140 tests)
  - Step1
  - DHAAD/MPD/IKE
- ✓ HA (total 360 tests)
  - Step1
  - Real Home Link/DHAAD/MPD/IKE

## Step3

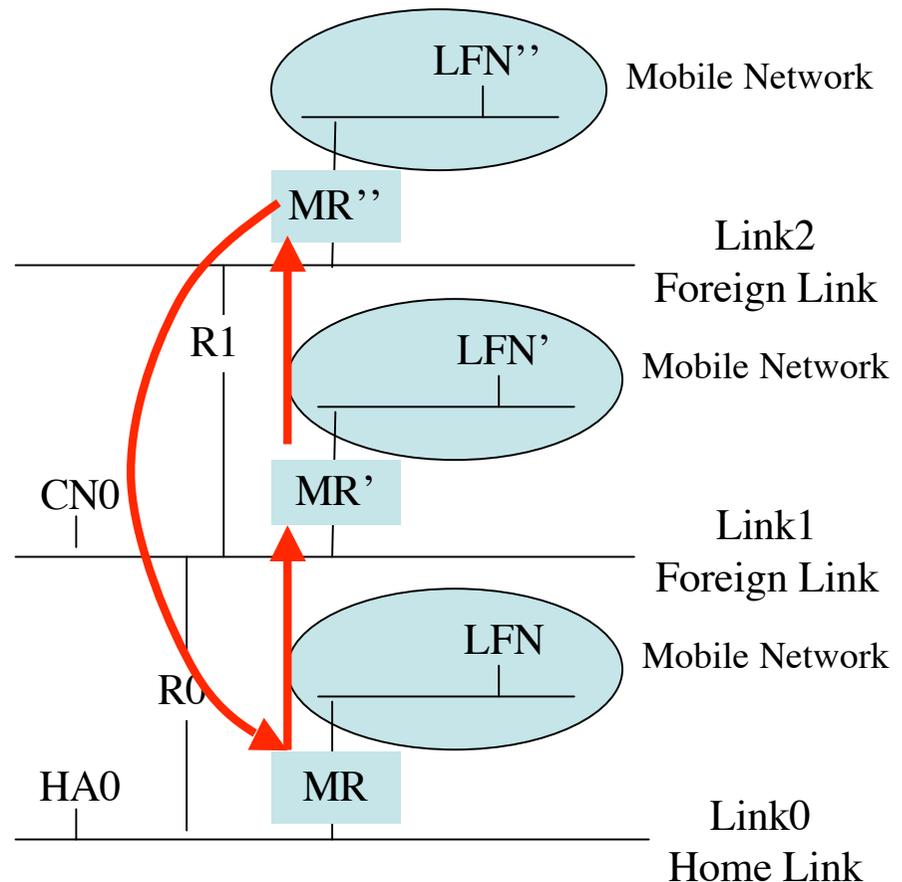
Official Release

# Interoperability test scenario

- Basic Scenario
- Nested MR
- Multi-Link
- MR
- Handover Protocol
- Etc...

**Under Discussion**

## Basic Scenario



# Test Event

- You have TWO chances for NEMO Testing
  - ETSI IPv6 Plugtests(6th) associated TAHI Test Event(7th)
    - When: Oct. 17-21, 2005
    - Where: NICE(Come back to South France)
    - You can register now
  - 8th TAHI Test Event
    - When: Jan. 23-27, 2006
    - Where: CHIBA(Japan)
    - Low Price

# TAHI Test Event



*Associated*

## ● NEMO

- Conformance Test
  - MR and HA **NEW**
- Interoperability Test

## ● MIPv6

- Conformance Test
  - MN, HA and CN **UPDATED**
- Interoperability Test

# ETSI Plugtests



*Supported by*



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- When
    - Oct. 17-21, 2005
  - Where
    - Nice, France  
(Sophia Antipolis)

Let's JOIN and MEET OTHERS!!  
<http://www.etsi.org/plugtests/IPv6.htm>