

# Distributed Mobility Management Working Group

IETF#94

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# Before the Meeting

- Note well
- Blue sheets
- Minutes takers
- Jabber scribe

WG Link: <http://datatracker.ietf.org/wg/dmm/>

# Current Status: Working Group Documents

Document	Date	Status	IPR	AD / Shepherd
<b>Active Internet-Drafts</b>				
<a href="#">draft-ietf-dmm-4283mnids-01</a> <b>MN Identifier Types for RFC 4283 Mobile Node Identifier Option</b>	2015-10-19 8 pages	I-D Exists <b>New</b> In WG Last Call: Proposed Standard <i>Apr 2015</i>		
<a href="#">draft-ietf-dmm-fpc-cpdp-01</a> <b>Protocol for Forwarding Policy Configuration (FPC) in DMM</b>	2015-07-06 32 pages	I-D Exists WG Document: Proposed Standard <i>Feb 2015</i>		
<a href="#">draft-ietf-dmm-ondemand-mobility-00</a> <b>On Demand Mobility Management</b>	2015-05-06 10 pages <b>Expires soon</b>	I-D Exists WG Document: Proposed Standard <i>May 2015</i>	<b>1</b>	
<b>RFCs</b>				
<a href="#">RFC 7333</a> (was draft-ietf-dmm-requirements) <b>Requirements for Distributed Mobility Management</b>	2014-08 24 pages	Informational RFC		<a href="#">Brian Haberman</a> <a href="#">Pete McCann</a>
<a href="#">RFC 7429</a> (was draft-ietf-dmm-best-practices-gap-analysis) <b>Distributed Mobility Management: Current Practices and Gap Analysis</b>	2015-01 34 pages	Informational RFC		<a href="#">Brian Haberman</a> <a href="#">Jouni Korhonen</a>

- **Two RFCs: DMM Requirement, Current Practices and Gap Analysis**
- **Three Working Group Documents**

# Current Status: Individual Drafts(1)

Document	Date	Status	IPR	AD / Shepherd
<b>Related Internet-Drafts</b>				
<a href="#">draft-bernardos-dmm-cmip-04</a> <b>An IPv6 Distributed Client Mobility Management approach using existing mechanisms</b>	2015-09-11 14 pages	I-D Exists		
<a href="#">draft-bernardos-dmm-distributed-anchoring-06</a> <b>PMIPv6-based distributed anchoring</b>	2015-09-08 26 pages	I-D Exists	1	
<a href="#">draft-bernardos-dmm-pmip-05</a> <b>A PMIPv6-based solution for Distributed Mobility Management</b>	2015-09-11 20 pages	I-D Exists		
<a href="#">draft-chan-dmm-distributed-mobility-anchoring-05</a> <b>Distributed Mobility Anchoring</b>	2015-10-15 17 pages	I-D Exists		
<a href="#">draft-fu-dmm-vcpe-models-01</a> <b>Motivations, usecases and Models of VCPE</b>	2015-10-19 10 pages	I-D Exists	<b>New</b>	
<a href="#">draft-giust-dmm-cpdp-deployment-00</a> <b>Deployment of Control-/Data-Plane separation in DMM</b>	2015-07-06 9 pages	I-D Exists		
<a href="#">draft-gundavelli-dmm-lma-controlled-mag-params-00</a> <b>LMA Controlled MAG Session Parameters</b>	2015-10-12 12 pages	I-D Exists		
<a href="#">draft-jaehwoon-dmm-pmipv6-04</a> <b>PMIPv6-based Distributed Mobility Management</b>	2015-06-17 8 pages	I-D Exists		
<a href="#">draft-jhlee-dmm-dnpp-00</a> <b>Deprecated Network Prefix Provision</b>	2015-10-08 5 pages	I-D Exists		
<a href="#">draft-kjsun-dmm-deployment-scenarios-multicast-dmm-02</a> <b>Multicast mobility deployment scenarios over distributed mobility management</b>	2015-10-19 10 pages	I-D Exists	<b>New</b>	
<a href="#">draft-kjsun-dmm-multicast-anchoring-01</a> <b>Multicast Anchoring in DMM</b>	2015-10-15 9 pages	I-D Exists		
<a href="#">draft-korhonen-dmm-prefix-properties-04</a> <b>IPv6 Prefix Properties</b>	2015-07-06 12 pages	I-D Exists	1	
<a href="#">draft-liu-dmm-address-selection-02</a> <b>Address Selection for DMM</b>	2015-07-06 7 pages	I-D Exists	1	

23 individual drafts

# Current Status: Individual Drafts

## (2)

<a href="#">draft-liu-dmm-deployment-scenario-05</a> <b>Distributed mobility management deployment scenario and architecture</b>	2015-10-19 14 pages	I-D Exists <b>New</b>	
<a href="#">draft-mccann-dmm-prefixcost-02</a> <b>Communicating Prefix Cost to Mobile Nodes</b>	2015-10-13 9 pages	I-D Exists	<b>1</b>
<a href="#">draft-moses-dmm-dhcp-ondemand-mobility-01</a> <b>DHCPv6 Extension for On Demand Mobility exposure</b>	2015-06-17 8 pages	I-D Exists	
<a href="#">draft-sarikaya-dmm-for-wifi-03</a> <b>Distributed Mobility Management Protocol for WiFi Users in Fixed Network</b>	2015-07-02 18 pages	I-D Exists	
<a href="#">draft-seite-dmm-rg-multihoming-02</a> <b>MAG Multipath Binding Option</b>	2015-10-19 13 pages	I-D Exists <b>New</b>	
<a href="#">draft-sijeon-dmm-deployment-models-01</a> <b>Deployment Models for Distributed Mobility Management</b>	2015-10-19 8 pages	I-D Exists <b>New</b>	
<a href="#">draft-sijeon-dmm-use-cases-api-source-02</a> <b>Use Cases and API Extension for Source IP Address Selection</b>	2015-10-19 7 pages	I-D Exists <b>New</b>	
<a href="#">draft-yan-dmm-hnprenum-03</a> <b>Home Network Prefix Renumbering in PMIPv6</b>	2015-10-11 8 pages	I-D Exists	
<a href="#">draft-yang-dmm-sdn-dmm-04</a> <b>Routing Optimization with SDN</b>	2015-07-06 12 pages	I-D Exists	
<a href="#">draft-yhkim-dmm-enhanced-anchoring-03</a> <b>Enhanced Mobility Anchoring in Distributed Mobility Management</b>	2015-10-19 7 pages	I-D Exists <b>New</b>	

# Current Status : Milestones

## Milestones

Date	Milestone
Mar 2016	'RFC4283bis on MN-IDs as a working group document' submitted to the IESG.
Feb 2016	Submit 'Exposing mobility state to mobile nodes and network nodes' submitted to the IESG.
Nov 2015	Submit 'Forwarding path and signaling management' submitted to the IESG.
Nov 2015	Submit 'Enhanced mobility anchoring' submitted to the IESG.
<b>Done</b>	Submit 'Exposing mobility state to mobile nodes and network nodes' as a working group document(s). <a href="#">draft-ietf-dmm-ondemand-mobility</a>
<b>Done</b>	Submit 'RFC4283bis on MN-IDs as a working group document'. <a href="#">draft-ietf-dmm-4283mnids</a>
<b>Done</b>	Submit 'Forwarding path and signaling management' as a working group document. <a href="#">draft-ietf-dmm-fpc-cdp</a>
Feb 2015	Submit 'Enhanced mobility anchoring' as a working group document.

# Next Step

- Three Working Group documents:
  - Start/Finish WGLC
- Anchoring Enhancement/Deployment Model
  - Working Group Document



# Agenda

## WG Session:

- Tuesday November 3, 2015 (JST)
- 9:00-11:30 Tuesday Morning session I
- Room: 411/412

Time	Topic	Presenter	Time slot
9:00	00.Administrivia & Intro, WG organization & milestones	Chairs	10
DMM track			
9:10	01.AERO, DHCPv6 PD, multi-addressing	Fred Templin	10
9:20	02.Use Cases and API Extension for Source IP Address Selection Draft:draft-sijeon-dmm-use-cases-api-source	Seil Jeon	15
9:35	03.WT Enhanced Mobility Anchoring Draft:draft-chan-dmm-distributed-mobility-anchoring	Anthony Chan	15
9:50	04.WT Exposing mobility state update	Danny Moses	15
10:05	05.Prefix Cost to Mobile Nodes Draft: draft-mccann-dmm-prefixcost	John Kaippallimalil	15
10:20	06.Protocol for Forwarding Policy Configuration Draft: draft-ietf-dmm-fpc-cpdp	Marco Liebsch	20
10:40	07.Distributed mobility management deployment Draft: draft-liu-dmm-deployment-scenario	Zhiheng Liu	15

Time	Topic	Presenter	Time slot
MIP maintenance track			
10 : 55	08.LMA Controlled MAG Session Parameters Draft: draft-gundavelli-dmm-lma-controlled-mag-params	Sri Gundavelli	10
11 : 05	09.MN Identifier Types for RFC 4283 Mobile Node Identifier Option Draft: draft-ietf-dmm-4283mnids	Charlie Perkins	10
11 : 15	10.Adoption calls for MIP maintenance drafts Drafts: draft-yan-dmm-hnprenum-03 draft-seite-dmm-rg-multihoming-02	Chairs	10
11 : 25	AOB		5

Time	Topic	Presenter	Time slot
	Overflow queue (if we got time left)		
	11.Deprecated Network Prefix Provision Draft: draft-jhlee-dmm-dnpp	Jong-Hyouk Lee	5
	12.Motivations, usecases and Models of VCPE Draft: draft-fu-dmm-vcpe-models	Qiao Fu	5