

Government of India
Ministry of Communications & IT
Department of Telecommunications
NT Cell

No. 3-1/1/ 2013-NT

Date : 27th May, 2013

Subject: IPv6 Review meeting with IPv6 Nodal Officers of Central Government Ministries/Departments –
Minutes of the Meeting Reg.

Participation:

- a) Advisor (T) and Officers of NT Cell, DoT.
- b) Nodal Officers of Central Government Ministries/Departments. (List is placed at Annexure – I)

A meeting under the chairmanship of Advisor (T) was held at DoT HQ on 14th May 2013 for reviewing IPv6 transition across all Central Government Ministries/Departments.

DDG (NT) welcomed all the participants and said that after release of the 'National IPv6 Deployment Roadmap version-II', this meeting is called for apprising the Central Government Ministries/Departments about recommendations and action plan. He added that IPv6 is not just about addresses but provides a safe, secure, open and scalable platform for development of various applications in areas like smart cities, smart grid, tele-education, tele-medicine etc. which have great potential to boost socio-economic development of the country.

Advisor (T) said that IPv4 addresses are on the verge of exhaustion. Besides plentiful addresses, IPv6 provides a number of smart applications such as smart grid, smart transport and traffic system, smart cities etc. Other countries of the world are progressing in this direction and there is no reason why India should be left behind. The whole ecosystem is required to transit to IPv6. Six out of twenty two major Service Providers are ready and remaining are expected to be ready by December 2013. The Roadmap version –II targets everyone in the ecosystem. Expectations and targets for every stakeholder are defined and regular meetings are being held with all the stakeholders in the ecosystem. DoT is acting as facilitator in this process. An IPv6 Centre of Innovation (CoI) as per NTP-2012 is under process of being established.

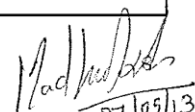
Director (NT-II) gave presentation with regard to 'National IPv6 Deployment Roadmap Version –II' and IPv6 transition across the Central Government Ministries/Departments including status of nodal officers nominations and receipt of activity sheets.

Proceeding with agenda and discussion points, following important points emerged:

1. The Government organisations should prepare a detailed transition plan for complete transition to IPv6 (dual stack) by December 2017 based on the network complexity & equipment/ technological life cycles. The plan should be prepared at the earliest and latest by December 2013.
2. The Government organisations should procure equipments which are also IPv6 Ready (Dual Stack) and go for deployment of IPv6 ready (Dual Stack) networks with end to end IPv6 supported applications. The equipment should be either TEC certified or IPv6 Ready Logo certified. It was discussed that these guidelines need to be reiterated to DGS & D also under Ministry of Commerce as majority of the procurement by Ministries/Departments is through them.
3. Central Government Ministries/Departments pointed out that role of NIC is critical in IPv6 transition but the repose of NIC is not encouraging. They requested DoT to take up the case at their level.

4. In response to queries from many participants, DDG (NT) informed that BSNL provides training for all levels- Basic, Professional & Expert on payment basis. Central Govt. Ministries/Departments are free to contact CGM ALTTC, Ghaziabad (mail id: cgm_alttc@gmail.com, phone no 0120 2710494 and address: CGM ALTTC, ALT Centre, Rajnagar, Gaziabad-201002) in this regard.
5. For decision makers, awareness on IPv6 is necessary and a workshop/ seminar could be organised at the premises of Central Government Ministries/Departments on request basis wherein the experts and speakers can be arranged by NT Cell, DoT. It was felt that Government Ministries/Departments could go for such workshops for the benefit of key decision makers. The date could be finalised on receipt of any specific request from Government Ministries/Departments.
6. It was discussed that Ministry of Power is undertaking around 14 pilot projects on smart grid. Interoperability and scalability can be major issues if propriety based implementation is done. To avoid this, it is advisable to go for IPv6 based open system for such implementations.
7. The nodal officer nomination is pending from five Ministries/Departments as per list at Annexure-II.
8. The activity sheet is pending from a number of Government Ministries/Departments even after repeated reminders as per the list attached as Annexure III. The concerned Ministries/Departments are requested to send the same at the earliest.
9. It was also pointed out that Nodal Officers from Ministries/Departments should attend the meeting instead of indirect participation through officers from NIC.
10. One of the suggestions was that DoT should evolve one application in its website where nodal officers from different Ministries/Departments can update their contact details.
11. A common format for plan should be developed by DoT and circulated to all Central Government Ministries/Departments before next meeting due in July 2013.
12. There was no participation this time from some of the Government Ministries/Departments as per the list at Annexure IV. Minutes are being forwarded to them also so that they can catch up with others.

The meeting concluded with thanks giving.


27/05/13
(S K Madhukar)

ADG (NT)

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Copy to:

1. Advisor (T), DoT for information please.
2. Secretary, Central Ministries/Departments, Government of India.
3. IPv6 Nodal Officers , Central Ministries/Departments for necessary action please
4. Director (IT), with a request to upload the same on DoT website under IPv6 activity.

Annexure-I			
S.No.	Name	Designation	Ministry/Department
1	Sh. R.K. Bhatnagar	Adv(T)	DoT
2	Sh. R.M.Agarwal	DDG(NT)	DoT
3	N.Ram	DIR.(NT-I)	DoT
4	Manish K. Agarwal	DIR(NT-II)	DoT
5	S.K.Madhukar	ADG(NT)	DoT
6	A.K. Gupta	System Software Manager	B.B.M.B. , Chandigarh
7	Vedantam Giri	Director	PESB, New Delhi
8	P K Dixit	Dy. Secy	Cabinet Secretariat, New Delhi
9	S.N.Sowpari	Sr. Tech. Dir	NIC-DoPT Computer Centre
10	S.C. Sharu	Under Secy.	DoPT
11	Tarunendra Nayal	Pr. System Analyst	NIC- M/o Food Processing Industries
12	Vimal Kumar Varun	Scientist 'F' and Nodal Officer	Dept of Scientific and Industrial Research
13	Dr. K. Kamal	Advisor	DSIR, Delhi
14	Subodh Shukla	Sr. Tech Dir.	NIC, Min of I&B N. Delhi
15	P.K.Sharma	JS/CIC	CIC
16	S. Paul	Scientist -D	CIC
17	A.K.Saha	Asst. Gen. Mgr.	Air India-IT Mumbai
18	Anil K Bhardwaj	Director	Min. of Corp Affairs
19	S.K.Sinha	Technical Dir.	Min. of Parl. Affairs , New Delhi
20	S.K.Gandhi	Under Secy	D/o Financial Services
21	Pramod Kr. Singh	Under Secy(IT)	D/o Agriculture and Cooperation
22	Dharmandra Rai	Sr. Consultant	Directorate of Information Tech Maharashtra.
23	Achin Gupta	Manager	Ernst & Young, Delhi
24	Ajay Kumar Azad	S.O.(Comp.)	CAT
25	B.C. Mishra	Scientist –D	NIC cell, President's Sectt., Rashtrapati Bhawan
26	Vandana Sethi	Director	Staff Selection Commission
27	A.K.Sharma	Jt. GM(IT)	Airports Authority of India
28	Asim Sayeed	Manager(IT)	-Do-
29	H.K.Wadhwa	Under Secy.	Ministry of Steel
30	Anju Sondhi	Principal System Analyst	NIC- Ministry of Steel
31	C.K.Shukla	Tech Dir.	NIC- M/o Power
32	Mahesh Chand	SSA	NIC,M/o Coal , Deptt., of Chemical & Petro Chemicals
33	Kailash	Consultant (IT)	Deptt., of Chemical & Petro Chemicals
34	Jagdish Kumar	DS	M/o Coal
35	Dr. Sudeep Marwaha	Sr. Scientist	IASRIC (ICAR), DARE, Min of Agriculture
36	Prerna Sharma	Scientist –'D'	M/o Culture
37	Chhavi Tirkey	Astt. Advisor	CVC
38	Santosh Kumar Gupta	Astt. Director	Deptt. of AYUSH, Min of Health and FW

Annexure-II

List of Ministries / Departments From Which Nodal Officer Nomination is Pending

Ministry	Department
Ministry of Law & Justice	Deptt. of Justice
Ministry of Rural Development	Deptt. of Rural Development
Ministry of Shipping, Road Transport & Highways	Road Transport & Highways
	Deptt. of Shipping
Ministry of Tribal Affairs	Ministry of Tribal Affairs

Annexure-III

List of Ministries / Departments From Which Activity Sheet is Pending	
Ministry	Department
Ministry of Agriculture	Agriculture Reserch & Education,
Ministry of Chemicals & Fertilizers	Deptt of Fertilizers
Ministry of Civil Aviation	Ministry of Civil Aviation
Ministry of Commerce & Industry	Deptt. of Commerce
Ministry of Communications and Information	Department of Posts
Ministry of Culture	Ministry of Culture
Ministry of Defence	Integrated HQ of MoD(ARMY)
	Integrated HQ of MoD(NAVY)
	Integrated HQ of MoD(AIRFORCE)
	Integrated HQ of MoD(NAVY)
	Integrated HQ of MoD(IDS)
	Deptt. of Defence finance
Ministry of Environment and Forests	Ministry of Environment & Forests
Ministry of Finance	Deptt. of Economic Affairs
	Deptt. of Expenditure
	Deptt. of Revenue
	Deptt. of Financial Services
Ministry of Food Processing Industries	Food Processing Industries
Ministry of Health & Family Welfare	Health & Family Welfare
Ministry of Heavy Industry & Public Enterprises	Deptt. of Public Enterprises
Ministry of Home Affairs	Home Secretary
	Department of Official Language
	Border Management
Ministry of Human Resource Development	School Education & Literacy
	Deptt. of Higher Education
Ministry of Information and Broadcasting	Ministry of I & B
Ministry of Labour & Employment	Ministry of Labour & Justice
Ministry of Law & Justice	Deptt. of Legal Affairs
	Legislative Deptt.
	Deptt. of Justice
Ministry of Minority Affairs	Ministry of Minority Affairs
Ministry of Micro, Small and Medium Enterprises	Ministry of Micro, Small and Medium Enterprises
Ministry of Overseas Indian Affairs	Overseas Indian Affairs
Ministry of Personnel, Public Grievances and	Staff Selection Commission
Ministry of Petroleum and Natural Gas	Petroleum & Natural Gas
Ministry of Rural Development	Deptt. of Rural Development
	D/o Drinking Water Supply
Ministry of Shipping Road Transport & Highways	Road Transport & Highways
	Deptt. of Shipping
Ministry of Social Justice & Empowerment	Ministry of Social Justice & Empowerment
Ministry of Statistics and Programme Implementation	Ministry of Statistics and Programme Implementation

Ministry of Steel	Ministry of Steel
Ministry of Textiles	Ministry of Textiles
Ministry of Tribal Affairs	Ministry of Tribal Affairs
Ministry of Water Resources	Ministry of Water Resources
Prime Minister's Office	Principal Secy. to PM
	Secretary
	Secretary (PG & Coord.)
	Secretary (RAW)
Cabinet Secretariat	Security., Cabinet Sectt.

List of Ministries / Departments Who did not participate in the meeting

S.No.	Ministry	S.No	Department
1		1	Department of Atomic Energy
2	Ministry of Chemicals & Fertilizers	2	Deptt of Fertilizers
		3	Deptt of Pharmaceuticals
3	Ministry of Civil Aviation	4	Ministry of Civil Aviation
4	Ministry of Coal & Mines	5	Deptt. of Mines
5	Ministry of Commerce & Industry	6	Deptt. of Commerce
		7	D/o Industrial Policy & Promotion
6	Ministry of Communications and Information Technology	8	Department of Posts
7	Ministry of Consumer Affairs, Food & Public Distribution	9	D/o Food & Public Distribution
		10	Deptt. of Consumer Affairs
8	Ministry of Defence	11	Integrated HQ of MoD(ARMY)
		12	Integrated HQ of MoD(NAVY)
		13	Integrated HQ of MoD(AIRFORCE)
		14	Integrated HQ of MoD(NAVY)
		15	Integrated HQ of MoD(IDS)
		16	Deptt. of Def. Production
		17	D/o Def. Research & Dev.
		18	Deptt. of Defence finance
9	Ministry of Development of North Eastern Region	19	DoNEAR
10	Ministry of Environment and Forests	20	Ministry of Environment & Forests
11	Ministry of External Affairs	21	Foreign Secretary
12	Ministry of Finance	22	Deptt. of Economic Affairs
		23	Deptt. of Expenditure
		24	Deptt. of Revenue
		25	Deptt. of Disinvestment
13	Ministry of Health & Family Welfare	26	Health & Family Welfare
14	Ministry of Heavy Industry & Public Enterprises	27	Deptt. of Heavy Industries
		28	Deptt. of Public Enterprises
15	Ministry of Home Affairs	29	Home Secretary
		30	Department of Official Language
		31	Border Management
		32	Secy. Inter State Council Sectt.
16	Ministry of Human Resource Development	33	School Education & Literacy
		34	Deptt. of Higher Education

S.No.	Ministry	S.No	Department
17	Ministry of Labour & Employment	35	Ministry of Labour & Justice
18	Ministry of Law & Justice	36	Deptt. of Legal Affairs
		37	Legislative Deptt.
		38	Deptt. of Justice
19	Ministry of Minority Affairs	39	Ministry of Minority Affairs
20	Ministry of Micro, Small and Medium Enterprises	40	Ministry of Micro, Small and Medium Enterprises
21	Ministry of New & Renewable Energy	41	Ministry of New & Renewable Energy
22	Ministry of Overseas Indian Affairs	42	Overseas Indian Affairs
23	Ministry of Panchayati Raj	43	Ministry of Panchayati Raj
24	Ministry of Personnel, Public Grievances and Pension	44	Department of Administrative Reforms & Public Grievances
		45	Department of Pensions & Pensioners' Welfare
25	Ministry of Petroleum and Natural Gas	46	Petroleum & Natural Gas
26	Ministry of Rural Development	47	Deptt. of Rural Development
		48	Deptt. of Land Resources
		49	D/o Drinking Water Supply
27	Ministry of Shipping Road Transport & Highways	50	Road Transport & Highways
		51	Deptt. of Shipping
28	Ministry of Science & Technology	52	Deptt. of Science & Technology
		53	Dept of Bio Technology
29	Ministry of Social Justice &	54	Ministry of Social Justice &
30	Ministry of Statistics and Programme Implementation	55	Ministry of Statistics and Programme Implementation
31	Ministry of Textiles	56	Ministry of Textiles
32	Ministry of Tourism	57	Ministry of Tourism
33	Ministry of Tribal Affairs	58	Ministry of Tribal Affairs
34	Ministry of Urban Development & Poverty Alleviation	59	Deptt. of Urban Development
		60	Housing Urban & Poverty Alleviation
35	Ministry of Water Resources	61	Ministry of Water Resources
36	Ministry of Women & Child Development	62	Deptt. of Women & Child Development
37	Ministry of Youth Affairs & Sports	63	Ministry of Youth Affairs & Sports
38	Prime Minister's Office	64	Principal Secy. to PM
39	Cabinet Secretariat	65	Secretary (PG & Coord.)
		66	Secretary (RAW)
		67	Security., Cabinet Sectt.
		68	Geological Survey of India