

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

No. 3-1/2011-NT/Vol.II

Date : 30th May 2012

Minutes of Meeting dated 16th May 2012 : IPv6 implementation in Central Govt. Dept. - Progress and Review



IPv6

Participation:

- a) Officers of Dept. of telecommunications & TEC.
- b) Members of Core Committee
- c) Nodal officers of Central Govt. Organisations
- d) Representatives of Empanelled Consultants.

(Detail are listed in Annexure -1)



IPv6

Proceeding and Points Discussed:

Shri N RAM, Dir (NT) welcomed all participants. Shri R M Agrawal DDG (NT) said in the opening address that IPv6 offers a number of advantages in addition to huge address space. we need to ensure 100% migration of all the websites of the Central Government Departments. Some organisations like BHEL, BARC, M/o Urban Development etc. have done good works in migration, Projects and Case Studies & Tests. He further said that very few department participated in the meeting, despite regular persuasion from this office and only few have submitted IPv6 activity sheet, in spite of a **D O letter by Secretary (T) to all Secretary, Govt of India (List of Departments who have not submitted activity sheet is attached at Annexure -2 and List of Departments from where both activity sheet and nomination of Nodal officer have Not been received is attached at Annexure -3)**

2. Shri N Ram, Dir (NT) gave presentation regarding Government of India Guidelines, IPv6 implementation status, Activity Sheet etc of Central Government Organisations. The Activity Sheets submission by Central Government Dept./Organisation was discussed.
3. Participants discussed auditing of Equipments and it was clarified that the auditing of equipments was the identification and decision upon the equipment for IPv6 migration. It was also suitably clarified that IPv6 migration is not synonymous to Hardware replacement. Hardware upgradation might be a separate routine activity in the Department/Organisation.
4. While discussing IP address allocation policy, It was decided that if hardware is ready for IPv6 service, NIC should allocate IPv6 addresses. Shri R S Mani, Sr. Tech. Director, NIC, said that the NIC would allocate address space to each department/organisation wherever it is serving. It has already allocated IPv6 address for SWAN. DDG (NT) said that the NIC should make a plan in this regard and update the DoT also in this regard.
5. Col R S Kang, Dir (ICT), MoD, said that in case of defence organisation, there was need to find ways to define the requirement of IPv6 Address Space. DDG (NT) said that we should always take care of future requirement. A template plan may be given to NIR. As time passes, there are chances of getting lower address space. If required, we can have separate meeting in this regard.
6. Activity Sheet and progress of IPv6 migration activity was discussed with each nodal officer of the Dept/Organisation.

7. Shri Manish Garg, DGM, BHEL presented their case for migration to IPv6. He said that the organisation followed the activity sheet provided by the DoT. Their scope of work were limited to router, firewall, and network equipments. All new equipment purchase were essentially specified with IPv6 compliance. the learning for the IPv6 migration were done through DoT websites, TEC Websites and youtube tutorials. At different places, The service providers were pursued for extending IPv6 service to the organisation.
8. Shri R S Mundada and Shri Sunil Mathur of BARC presented projects being carried out at BARC, Mumbai and BARC Centre at Indore. Fire walls and Security relates tests are being carried out at the BARC.
9. Representatives of Empanelled Consultant presented their activity and scope of work. TCIL, TechMahindra NIT Hamirpur, TCS, CDOT, HCL Infosystems, Neosixth Technologies appraised all the participants of their consultancy.
10. Shri R S Mani, Sr. Tech. Director, NIC, said that the NIC was working to migrate all the websites of Government Organisation on dual stack. Some of the websites were migrated and hopefully all remaining would be migrated in next three months.

Meeting ended with vote of thanks.

(S K Madhukar)

ADG (NT)

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Copy for Information please:

1. All Secretaries, Govt. of India.
2. Sr. PPS to Member (T)
3. DG, NIC.
4. ED, C- DOT.
5. Jt. Secretary, DIT.
6. Sr. DDG (TEC).

Copy for information and necessary action to:

1. All Nodal Officers, Central Govt. Department.
2. All the participants.

(S K Madhukar)

ADG (NT)

E-mail: adgnt.hq-dot@nic.in

Annexure -1

Sl. No.	Name	Designation	Organization
1	R M Agarwal	DDG (NT)	DoT
2	N Ram	Dir (NT)	DoT
3	S k Madhukar	ADG (NT)	DoT
4	Manish Kr Agarwal	Director	TEC, DoT
5	R S Mani	Sr. T. Director	NIC
6	R S Mundada	Head Computer Division	BARC
7	Sunil Mathur	Sc Officer F	BARC
8	Sonia Tolani		CDOT, CDOT Campus, New Delhi
9	B K Trikha	Under Secretary	M/o New & Renewable Energy
10	Col R Sreejeth	Comdt	AHCC / DG Sigs, Army HQ
11	Asim Sayeed	Manager	Airport Authority of India
12	A Sharma	Jt GM (IT)	Airport Authority of India
13	Ashok Kumar Gupta	S C Manager	BBMB, Chandigarh
14	Manish Garg	DGM	BHEL, M/o HI&PE
15	Milli Gupta	SFO (T)	Cabinet Secretariat
16	Aurindam Bhattacharya	Sr Manager	CDOT, CDOT Campus, New Delhi
17	Dr RD Godmal	Scientist E1	Central Pulp & Paper Research Institute, Saharan Pur
18	N K Naik	T O B	Central Pulp & Paper Research Institute, Saharan Pur
19	Ram Singh	Under Secretary	Dept of Economic Affair, M/o Finance
20	Lt Col BS Dhanda	GSOI Comn	DGSIGS Sena Bhawan
21	S C Sharu	Under Secretary	DoPT
22	Dr K Kamal	Adviser & Head ITeG	DSIR, Min. of S&T, Technology Bhawan
23	Vimal Kumar Varun	Scientist F & Nodal Officer	DSIR, Min. of S&T, Technology Bhawan
24	Col R S Kang	Dir (ICT)	HQ IDS, MoD
25	R K Kundi	Dy. Director	ISTM, DoPT
26	Mukesh Kumar	S O	M/o Parliamentray Affair, G3 Parliament House.
27	S S Patra	S O	M/o Parliamentray Affair, G3 Parliament House.
28	Surendra Kumar	S O (e-Gov)	M/o Water Resource
29	H M Kundlia	Under Secretary	M/o Youth Affairs and Sports
30	D K Srivastava	Under Secretary	MEA, JNA, New Delhi
31	Y V Ramana	PSA	NIC- DoPT
32	S N Khan	PSA	NIC, M/o Mines
33	B Koti Reddy	PSA	NIC, M/o Water Resource
34	V K Selvaraju	PSA	NIC, M/o WCD
35	Dr SS Singh	Tech Director	NIC, M/o Women & Child Development
36	B C Mishra	Scientist D	NIC, President's Secretariat (Rastrapati Bhawan)
37	A K Dhyan	Sr Security Officer	Special Protection Group
38	Abhishek Navneet	Acc. Manager	HCL InfoSystems Limited
39	Amey Singh	Sol. Consultant	HCL InfoSystems Limited
40	G Srinivas	Director	Neosixth Technology
41	Dr Kamlesh Dutta	Head CCED	NIT, Hamirpur
42	Monica Arya	Manager	TCIL
43	Anup Kumar	Sr. Manager	TCIL
44	Sri Ganesh Rao	Head Telecom	TCS
45	Neeraj Mangal	GM Sales	TCS
46	Ravindra Singh	Manager	Tech Mahindra
47	Ramakrishna	Sr Manager	Tech Mahindra

Annexure -2

List of Departments who have not submitted activity sheet

Ministry		Department		Nominations of Nodal Officers	Activity Sheet Status
S No.	Ministry	S No	Department		
1	Ministry of Agriculture	1	Agriculture & Cooperation	Received	Not Received
		2	Agri. Res. & Education,	Received	Not Received
2	Ministry of Chemicals & Fertilizers	3	Deptt of Fertilizers	Received	Not Received
		4	Deptt of Pharmaceuticals	Received	Not Received
3	Ministry of Civil Aviation	5		Received	Not Received
4	Ministry of Commerce & Industry	6	Deptt. of Commerce	Received	Not Received
5	Ministry of Communications and Information Technology	7	D/o Telecommunications	Received	Not Received
		8	Department of Posts	Received	Not Received
		9	D/o Information Technology	Received	Not Received
6	Ministry of Culture	10		Received	Not Received
7	Ministry of Defence	11	Integrated HQ of MoD(ARMY)	Received	Not Received
		12	Integrated HQ of MoD(NAVY)	Received	Not Received
		13	Integrated HQ of MoD(AIRFORCE)	Received	Not Received
		14	Integrated HQ of MoD(NAVY)	Received	Not Received
		15	Integrated HQ of MoD(IDS)	Received	Not Received
		16	Deptt. of Defence finance	Received	Not Received
8	Ministry of Environment and Forests	17		Received	Not Received
9	Ministry of Finance	18	Deptt. of Economic Affairs	Received	Not Received
		19	Deptt. of Revenue	Received	Not Received
		20	Food Processing Industries	Received	Not Received
		21	Health & Family Welfare	Received	Not Received
10	Ministry of Health & Family Welfare	22	Deptt. of Public Enterprises	Received	Not Received
11	Ministry of Heavy Industry & Public Enterprises	23	Home Secretary	Received	Not Received
		24	Department of Official Language	Received	Not Received

Ministry		Department		Nominations of Nodal Officers	Activity Sheet Status
S.No.	Ministry	S.No	Department		
12	Ministry of Home Affairs	25	Border Management	Received	Not Received
		26	School Education & Literacy	Received	Not Received
13	Ministry of Human Resource Development	27		Received	Not Received
		28		Received	Not Received
14	Ministry of Information and Broadcasting	29	Deptt. of Legal Affairs	Received	Not Received
15	Ministry of Labour & Employment	30	Legislative Deptt.	Received	Not Received
16	Ministry of Law & Justice	31		Received	Not Received
		32		Received	Not Received
17	Ministry of Micro, Small and Medium Enterprises	33	Overseas Indian Affairs	Received	Not Received
18	Ministry of New & Renewable Energy	34		Received	Not Received
19	Ministry of Personnel, Public Grievances and Pension	35	Petroleum & Natural Gas	Received	Not Received
20	Ministry of Rural Development	36	D/o Drinking Water Supply	Received	Not Received
21	Ministry of Shipping Road Transport & Highways	37	Scientific & Industrial Research	Received	Not Received
22	Ministry of Social Justice & Empowerment	38		Received	Not Received
		39		Received	Not Received
23	Ministry of Tribal Affairs	40		Received	Not Received
24	Ministry of Urban Development & Poverty Alleviation	41		Received	Not Received
25	Ministry of Water Resources	42		Received	Not Received
26	Ministry of Youth Affairs & Sports	43	Principal Secy. to PM	Received	Not Received
27	President's Secretariat	44	Secretary	Received	Not Received
28	Prime Minister's Office	45	Secretary (PG & Coord.)	Received	Not Received
29	Cabinet Secretariat	46	Secretary (RAW)	Received	Not Received
		47	Security., Cabinet Sectt.	Received	Not Received

Annexure -3

List of Departments from where both Activity Sheet and nomination of Nodal Officer is not received.

Department		Nominations of Nodal Officers	Activity Sheet Status
S.No	Department		
1	Deptt. of Animal Husbandry & Dairying	NOT RECIEVED	NOT RECIEVED
2	D/o Ex-Servicemen Welfare	NOT RECIEVED	NOT RECIEVED
3	Deptt. of Earth Science	NOT RECIEVED	NOT RECIEVED
4	Deptt. of Expenditure	NOT RECIEVED	NOT RECIEVED
5	Deptt. of Financial Services	NOT RECIEVED	NOT RECIEVED
6	Board for Reconstruction of Public Sector Enterprises	NOT RECIEVED	NOT RECIEVED
7	Deptt. of Higher Education	NOT RECIEVED	NOT RECIEVED
8	Deptt. of Justice	NOT RECIEVED	NOT RECIEVED
9	Deptt. of Rural Development	NOT RECIEVED	NOT RECIEVED
10	Depatt of Road Transport & Highways	NOT RECIEVED	NOT RECIEVED
11	Deptt. of Shipping	NOT RECIEVED	NOT RECIEVED
12	Deptt. of Science & Technology	NOT RECIEVED	NOT RECIEVED
13	Deptt. of Space	NOT RECIEVED	NOT RECIEVED