

भारत सरकार GOVERNMENT OF INDIA  
रेल मंत्रालय MINISTRY OF RAILWAYS  
(रेलवे बोर्ड) (RAILWAY BOARD)

SN-21

सं. 2010/Tele/11(7)/1

नई दिल्ली, दिनांक 30/12/2011

The General Manager,  
Northern Railway,  
Baroda House,  
New Delhi.

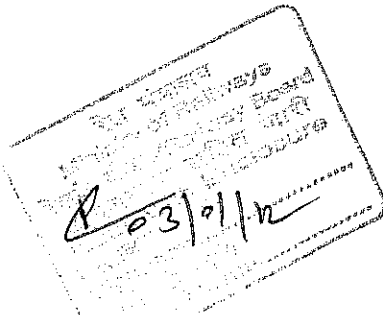
**Sub: Adoption of IPv6 network on Indian Railways.**

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The Enterprise wide Area network of Indian Railways – Railnet – is configured as an L3VPN using the MPLS infrastructure of RailTel Corporation of India Ltd. Now, Railnet has to be migrated to IPv6 from IPv4, the protocol being used currently.

As this will need elaborate planning, Board has decided that Northern Railway should plan the complete migration of Railnet from IPv4 to IPv6.

It is also informed that DoT is empanelling consultants to help in planning and implementation of this migration. It is expected that the list of empanelled consultants will be issued by this month end. Northern Railway may plan to use these consultants for this purpose.



OLC  
राकेश रंजन  
30/12/2011  
(राकेश रंजन)

निदेशक/दूरसंचार

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Copy to: CSTE's/ All Indian Railways.

कृपया जारी करें  
30/12

भारत सरकार / GOVERNMENT OF INDIA  
रेल मंत्रालय / MINISTRY OF RAILWAYS  
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सं./No. -2011/Tele/11(7)/1

नई दिल्ली, दिनांक / New Delhi, Date -24.10.2011

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General Managers/ All Indian Railways,  
All PUs, CORE/ALD,  
DGs/RDSO & Railway Staff College, IG/RPSF,  
CAOs/COFMOW, DCW, IRPMU & New PUs at Chappra & Raebareli,  
Directors/IRISET, IRICEN, IRIEEN, IRIMEE, IRITM,  
Chairman, All India Railway Recruitment Boards,  
Managing Director/ All Railway PSUs.

Sub: IPv6 Adoption on Indian Railways.

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As per "National IPv6 Deployment Roadmap" issued in July'2010 by the Government of India, "All major service providers will offer IPv6 services by December'2011" and "All Central and State Government Ministries and Departments including its PSUs, shall start using IPv6 services by March' 2012."

Department of Telecom Ministry of Communication and Information Technology has informed that the targets as per the "National IPv6 Deployment Roadmap" is to be considered sacrosanct and all efforts are to be made for timely implementation of IPv6 in the Government Sectors.

As a first step all government websites that are available on public IPv6 network should be migrated to IPv6. It is understood that Railways may have to do "content migration from IPv6 to IPv6" as well as IPv6 enabling their network for this purpose.

All Railway Units including Railway PSUs may, therefore take necessary steps for meeting the targets as laid down in the "National IPv6 Deployment Plan."

OIC

राजेश

(राकेश रंजन / Rakesh Ranjan),  
निदेशक, दूरसंचार / Director/Tele,  
रेलवे बोर्ड / Railway Board,

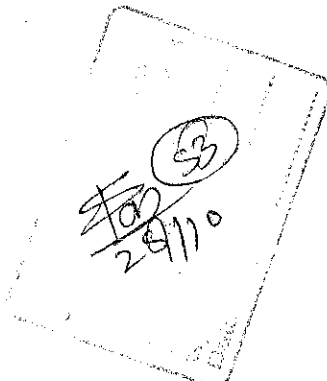
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Copy to: CSTE's/ All Indian Railways,  
Director/ IRISET,  
CAO/ IRPMU,  
ED/Tele/ RDSO.

Dir/ME/C&amp;IS in reference to his Note No.2011/C&amp;IS/Misc.IT Security/2.



कृपया जारी करे  
राजेश  
27/10/11

F7S-44335

SN0-22

NOTE

No:2010/Tele/11(7)/1

**Sub: Regarding migration of Railways website from IPv4 to IPv6.**

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As per National IPv6 Deployment Roadmap, "All major service providers will offer IPv6 services by December 2011" and "All Central and State Governments, Ministries and Departments, including its PSUs, shall start using IPv6 service by March, 2010".

In this regard, meeting on IPv6 was held on 13.12.2011 in DoT Sanchar Bhawan. It was emphasized that the target of 31<sup>st</sup> March, 2012 for shifting of Government website should be treated as sacrosanct. Secretary/DoT has further desired that the major Railway websites i.e. <http://www.irctc.co.in/>, <http://www.indianrail.gov.in/> and <http://www.indianrailways.gov.in/> start offering their services on IPv6 as well within the stipulated time.

It is therefore desired that C&IS Dte. issue instructions to CRIS to migrate these websites to IPv6 within the stipulated time frame.

O/C श्रीधर  
30/12/2011  
Director/Tele

~~ED/Tele~~

YH  
30/12/11

~~ED/C&IS~~

पुस्तकें  
4/1