

Government of India  
Ministry of Communications & IT  
Department of Telecommunications  
Sanchar Bhawan, 20 - Ashoka Road, New Delhi-110001  
(Data Services Cell)

No. 820-01/98-LR/Vol.(IX) Pt..I

Dated : 01.10.2013

To  
All Internet Service Providers  
All UASL/CMTS/UL(AS)/UL Licensees

**Subject : Parameters for Internet Protocol Detail Record (IPDR) and SYS LOG of Network Address Translation (NAT)**

The Internet Protocol Detail Record (IPDR) format for Internet and GPRS Services and Parameters to be stored for SYS Log of Network Address Translation (NAT) have been finalized.

2. The Internet Service Providers and the UASL/CMTS/UL(AS)/UL Licensees are hereby directed to maintain log for the following parameters with immediate effect:

(i) IPDR Parameters to be stored in respect of Internet and GPRS Services:

Sr. No.	Parameters
1*	Name of person/organization
2*	Address
3	Contact No.
4**	Alternate Contact No.
5**	E-mail Address
6	Landline /MSISDN/ MDN /Leased circuit ID for Internet Access
7	User ID for Internet Access based on authentication
8	IP address assigned
9	Static /Dynamic IP Address Allocation
10	Source port of the public IP Address in case of NATING
11	IST Start Time of IP address allocation ( hh:mm:ss)
12	IST end Time of IP address allocation ( hh:mm:ss)
13	Start Date of IP address allocation( dd/mm/yyyy)
14	End Date of IP address allocation( dd/mm/yyyy)
15***	Source MAC Address / Other device Identification number

(Sr. 1 to 5 above may be stored from Customer Acquisition Form (CAF))

(\* - Photo ID & Address Proof are required to be maintained separately by the Service Providers)

(\*\* - Optional)

(\*\*\*- In place of customer device MAC address, virtual MAC Address of DSLAM/routing device is captured in some of the systems.)


- (ii) Parameters to be stored in SYS LOG of Network Address Translation (NAT) for Internet Access:

Sr. No.	Parameters
1	Start Date (mm:dd:yyyy) & Time (hh:mm:ss)
2	End Date (mm:dd:yyyy) & Time (hh:mm:ss)
3	Source IP Address
4	Source Port
5	Translated IP Address
6	Translated Port
7	Destination IP Address
8	Destination Port

- Term SYSLOG here refers to Logs for Network Address Translation.
- Aforesaid parameters shall also be applicable for NAT mechanism for Dual Stack in IPv6 Network.

3. Internet Service Providers and UASL/CMTS/UL(AS)/UL Licensees shall communicate to their subscriber, other than individual subscribers for recording and maintaining of NAT SYS Log Parameters as mentioned in Para 2 (ii) above for any NAT mechanism deployed by them for access of Internet over the Internet connectivity. The Service Providers shall also obtain the compliance from them in this regard.

Compliance may kindly be communicated immediately.

  
01.10.2013  
(S.T. Abbas)

Director (DS-II), DoT



Government of India  
Department of Telecommunications

O/o Deputy Director General, Telecom Enforcement, Resources & Monitoring  
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No. DDG-A1/TERM-TN/ISP/Security/2015-16/02

dated 14.08.2015

To

All Internet Service Providers,  
Tamilnadu Service Area.

Sir,

Sub: Internet Protocol Detail Record (IPDR) and SYS LOG of Network Address  
Translation: reg

Ref: DoT Lr. No.820-01/98-LR/Vol. (IX) Pt.1 dated 01.10.2013.

With reference to the letter cited above, issued by DS Cell, DoT had instructed ISPs to maintain log of specified IPDR parameters and NAT SYS LOG parameters. The ISPs were also directed to communicate to their subscribers other than individual subscribers for recording and maintaining of NAT SYS LOG parameters for any NAT mechanism deployed by them.

During the inspections of ISPs by DDG-A1 (TERM-TN) in Tamilnadu Service Area, it is observed that the inspected ISPs are not maintaining IPDR & NAT SYS LOG parameters, either centrally or at franchisee locations. The maintenance of these parameters are essential for law enforcing authorities to deal with cyber crimes.

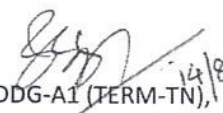
As the compliance to the above mentioned instructions from DoT is long pending, the ISPs operating in Tamilnadu Service Area are hereby instructed to take immediate steps for maintaining log of specified IPDR parameters and NAT SYS LOG parameters, centrally or at both central and franchisee locations and report compliance to this office on or before 31.08.2015. Also, the ISPs are expected to maintain IPDR and NAT SYS LOG parameters for a minimum period of one year as per the guidelines issued by DoT.

Non compliance to the above instructions issued by DoT will be construed as breach of Security Conditions under terms and conditions of License agreement and action will be initiated accordingly.

Encl: Letter under ref.

Copy to:

1. Sr.DDG (TERM), DOT HQ ND – for kind information.
2. DDG (DS Cell), DOT HQ ND – for kind information.

  
DDG-A1 (TERM-TN),  
Coimbatore.

जी. कुप्पुस्वामी, आई.टी.एस. / G.KUPPUSWAMY, I.T.S.  
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