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**भारत संचार निगम लिमिटेड**  
(भारत सरकार का उपक्रम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
Broadband Networks Circle

No DGM / BBNW / D-Link Switches Testing /2016-17/ 3

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NOTE

Sub: Feasibility Report on Testing of D-LINK Switches tested in Bhopal

With reference to the above subject , Please find enclosed here with the specific Comments with respect to provisioning of Voice less or Broadband only service to meet the requirement of customers by putting L2 Managed Switch the following points are suggested:

1. Identification of customers :

- Customers can be identified with the Outer VLAN (L2 SWITCH) and the inner VLAN (Port) combination which can identify the port to the customers similar to the port binding principle applied for DSLAM Customers
- The Username and Password provides the next level of identification of the customer, as all the details of authentication ,user data generation and billing is done as per this username and password combination
- A separate directory can be maintained by the SSA in charges, as to which customer is provided what services and port details so that it can be verified over and above the first two methods of identification
- Creation of service User IDs can be done in 'Broadband Only' service category with specific Plan and domain name bsnl.in for identification of customers through L2 Switch
- Inventory reservation can be done with L2 SWITCH vendor Type in Metasolve.

2. Billing ,Authentication ,Provisioning and meeting LEA Requirements:

Since the mechanism of identification and authentication is based on the existing mechanism similar to our Broadband connection ,the billing ,provisioning ,authentication and meeting the LEA requirements will be in similar lines of existing Broadband.

*Specific Plan for such L2 SERVICES, with a tag to IDENTIFY SWITCH VENDORS, shall be created so that all such customers can be grouped and monitored separately in terms of SERVICES, POLICY IMPLEMENTATION & REVENUE GENERATION.*

CGM (BBNW)

*(D. M. Ezhil Buddhan) 28/2/17*

GENERAL MANAGER

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