

Peering Polic of BDIX (Individual ISPs):

- i. The BDIX is a layer two Internet Exchange over Ethernet. All participants connecting to BDIX are exchanging data via an Ethernet, which is a layer two technology. All routers on the Ethernet are allowed to peer by exchanging routing tables through the route server set up by BDIX using BGP4.
- ii. The main purpose of the BDIX is for routing of intra-Bangladesh traffic (the participants are allowed to exchange traffic among their peers or downstream network(s) within the country) at free of charge. However a monthly membership fee prevails.
- iii. BDIX is a settlement-free interconnection point. In other words, no settlement is to be paid by the peering participants for the incoming and outgoing traffic.
- iv. All participants should not filter traffic or routing table entries to or from any other participants.
- v. The data links to BDIX and the routers located at BDIX must be supported (or paid) by the corresponding participants. Till the exhaustion of BDIX resources individual ISP's will be connected at "first come first connect" basis without any charge for the router at BDIX end.
- vi. SDNF technical team will manage the routers distributed under the pilot Programme located at BDIX. Individual Routers provided by ISPs may be managed separately under technical supervision of SDNF Bangladesh.
- vii. Each participant must have it's own global Internet connectivity through other Internet access provider(s) which is independent of BDIX facilities.
- viii. The BDIX must not be used as the primary connection to the global Internet.
- ix. IX is going to setup a route server at BDIX so that the participants can only peer with this server. They can also peer with other participants directly as long as the arrangement does not violate any of the guidelines/policies stated here.
- x. All ISPs at BDIX, no matter how large or how small, are considered to be as equal and all ISPs must peer with each other via the route server.
- xi. Each participant must have an Autonomous System (AS) by itself with a globally unique AS number assigned by InterNIC, RIPE-NCC, APNIC or their sub-registries. The source addresses of the data traversing the BDIX must be officially assigned by InterNIC, RIPE-NCC, APNIC or their sub-registries.

- xii.** Support for the space, electricity, air-conditioning and Ethernet connection to the BDIX for the routers located BDIX is being run through the monthly membership fee.
- xiii.** BDIX will not be responsible for any loss and damages to the participants caused by the operations of BDIX.
- xiv.** BDIX is not responsible for any illegal activities performed at any participants.
- xv.** BDIX is a non-profit entity. There may be a nominal membership fee to cover the cost of coordinating and managing BDIX activities.
- xvi.** Participant ISP must fulfill the minimum requirement for joining BDIX. Other entities like, universities / research institutes / corporate bodies / IXPs may peer subjected to the fulfillment of their Peering policies.
- xvii.** Participant ISPs cannot share their IX connectivity to other ISPs, who are not the member of BDIX. BDIX updates route information for members of BDIX only.

BDIX-PP01 (Ver 1) : www.bdix.net

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