BSNL TIP Partners

Security Guidelines for FTTH customers

Minimum configuration in OLT / ONTs

Email: support@syrotech.com
Change the ONT login
Username / Password

Email: support@syrotech.com
Remove the common ports on WAN

<table>
<thead>
<tr>
<th>Service Name</th>
<th>LAN</th>
<th>WAN</th>
<th>WAN PORT</th>
<th>Specific IP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telnet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ftp</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Http</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HTTPS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tftp</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ping</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Remove the tick mark against WAN ports

Email: support@syrotech.com
Disable the UPnP configuration

Email: support@syrotech.com
Change the wifi Default Password

Don't keep the default password, Change the password

Email: support@syrotech.com
Set the ONT firewall **ON** to **High**
Block telnet port in the OLT

Login Access List

Login Access Status
- Login Access Status: Enable
  - Submit

Login Access List Configuration
- Filter Action: Deny
- Internet Version: ipv4
- Protocol: Telnet
- Source IP: 0.0.0.0/0
- IP Mask:

Login Access List
- Deny
  - IPv4
  - Telnet
  - Source IP/mask length/prefix length
  - Delete

Save
Log out

Email: support@syrotech.com
Enable SSH port in the OLT

SSH Server State

SSH Enable

Enable SSH Option
Select Version 2

Enable SSH Option
Select Version 2

SSH Key Table

This List will appear

Email: support@syrotech.com
Change OLT Username and Password

Change the default username and password and set new password
OLT Upgrade Process

1. Because of the OLT firmware which less than V2.03.57R not support change IPv4 to IPv6 (via upgrade IPv6 OLT firmware). So pls upgrade the Intermediate version to help to change IPv4 to IPv6. There are the steps:

   a) if OLT current firmware less than V2.03.53(R), pls upgrade V1600D_UBI_V2.03.57R.ubi file then reboot olt, and upgrade V1600D_IMG_V2.03.57R.img file, then reboot olt again. when starting up then upgrade V1600D_V2.03.57R_IPv6_ALLinONE.ubi firmware file and reboot OLT.

   b) if OLT current firmware is or over V2.3.53(R) but less than V2.3.57R, pls upgrade V1600D_UBI_V2.03.57R.ubi & V1600D_IMG_V2.03.57R.img, then reboot OLT, when starting up then upgrade V1600D_V2.03.57R_IPv6_ALLinONE.ubi firmware file and reboot OLT.

   c) When OLT current firmware is or over V2.03.57R, only upgrade the V1600D_V2.03.57R_IPv6_ALLinONE.ubi or any IPv6 firmware file which send from us.

Email: support@syrotech.com
Change ONT Wifi Settings From OLT

Select SSID and change SSID Name

Change the default WIFI Password

Email: support@syrotech.com