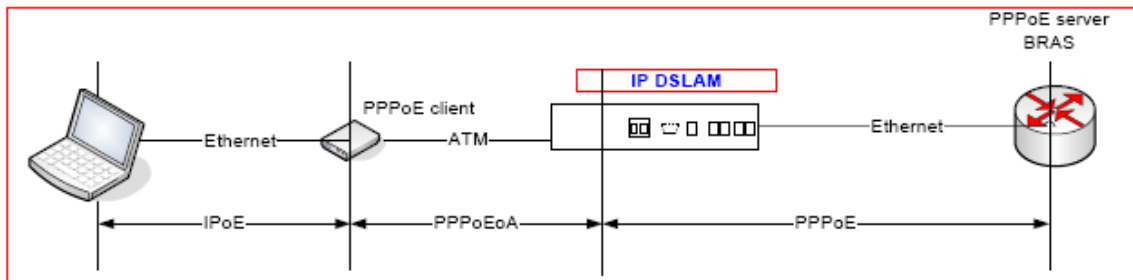


How does PPPoE work with NCT240 IP DSLAM?

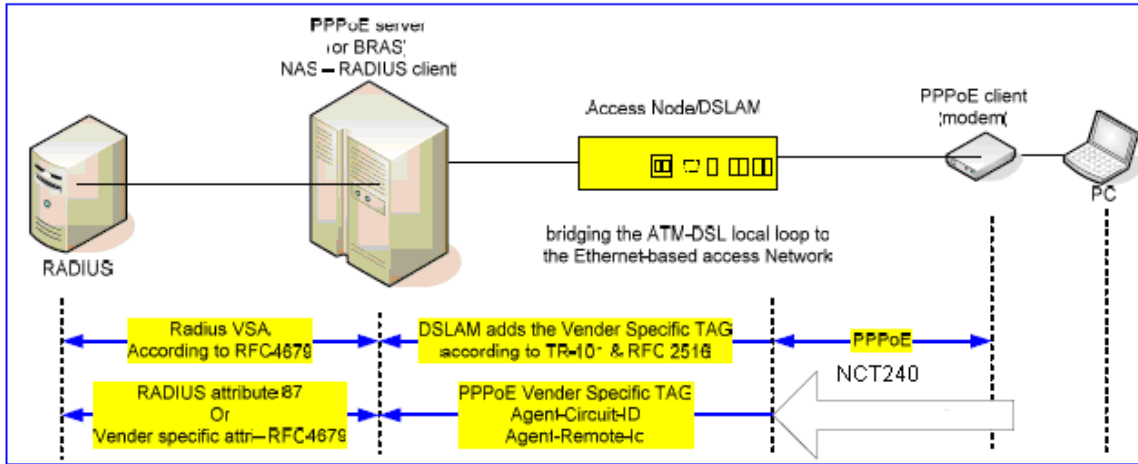
NCT240 IP DSLAM supports PPPoE pass-through and PPPoE circuit ID tagging. In general, a PPPoE based ISP network is shown as follows:



NCT240 IP DSLAM transparently bridges the PPPoE sessions between PPPoE clients (ADSL modem/PC) and the PPPoE server which is normally a BRAS. In this kind of configuration the user is authenticated only based on the username and password, the server cannot identify from which ADSL port the request is coming from.

PPPoE – Circuit ID tagging

If you are planning to authenticate users based on User Name / Password and The ADSL port which the PPPoE session is initiated from, you must enable the PPPoE circuit ID tagging feature which will add the ADSL port specific information to the Initial PPPoE packets. (PADI and PADR)



This feature can be enabled from CLI interface or the web management interface:

```

BAS0/switch>pppoe

The PPPoE tag enable and disable

Usage: pppoe <show|enable|disable>
show          show PPPoE tag feature status
enable       enable PPPoE tag feature
disable     disable PPPoE tag feature
    
```

