



NEP@L

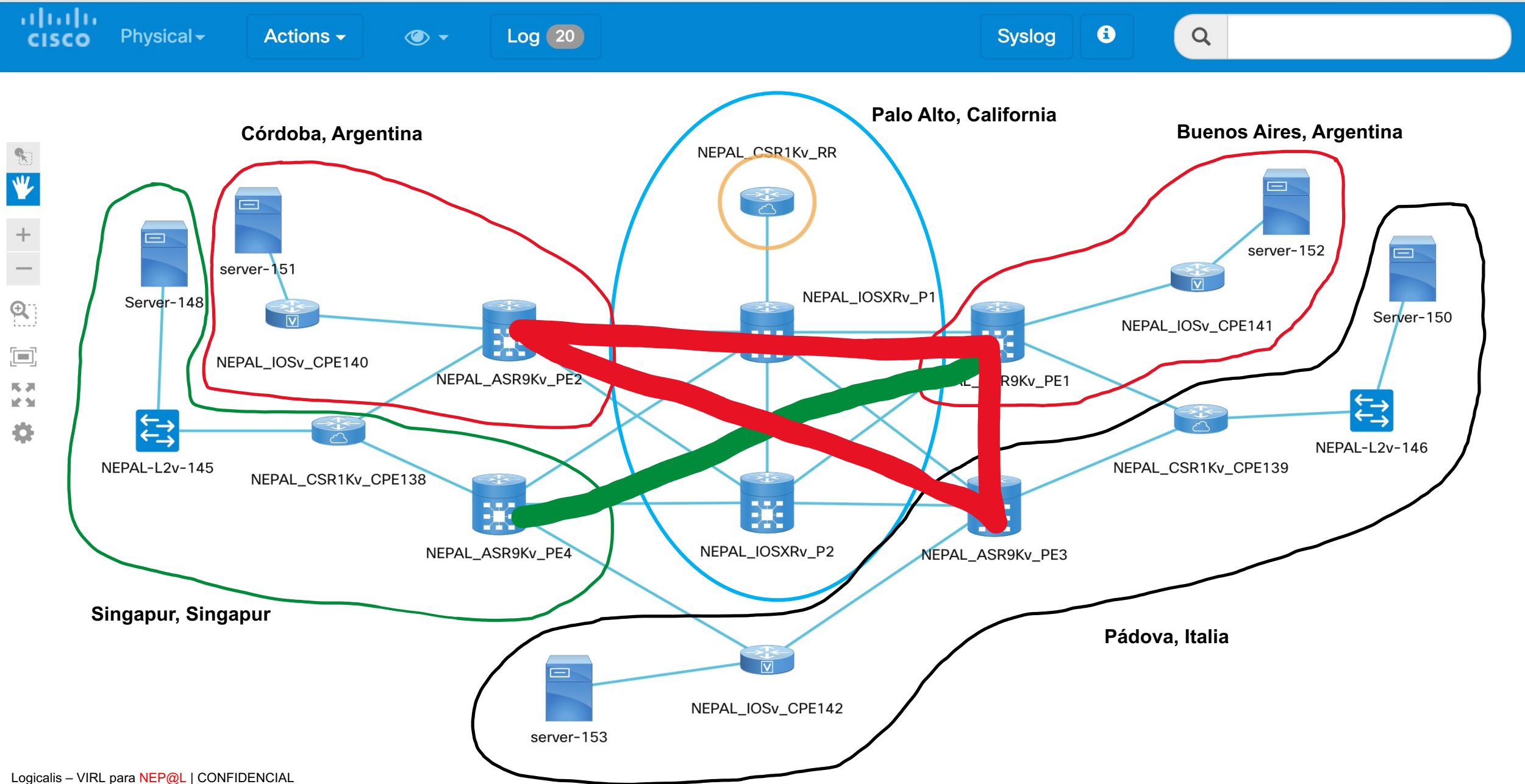
MPLS-L3-VPN Use Case

Edgardo Scrimaglia
NEP@L mentor

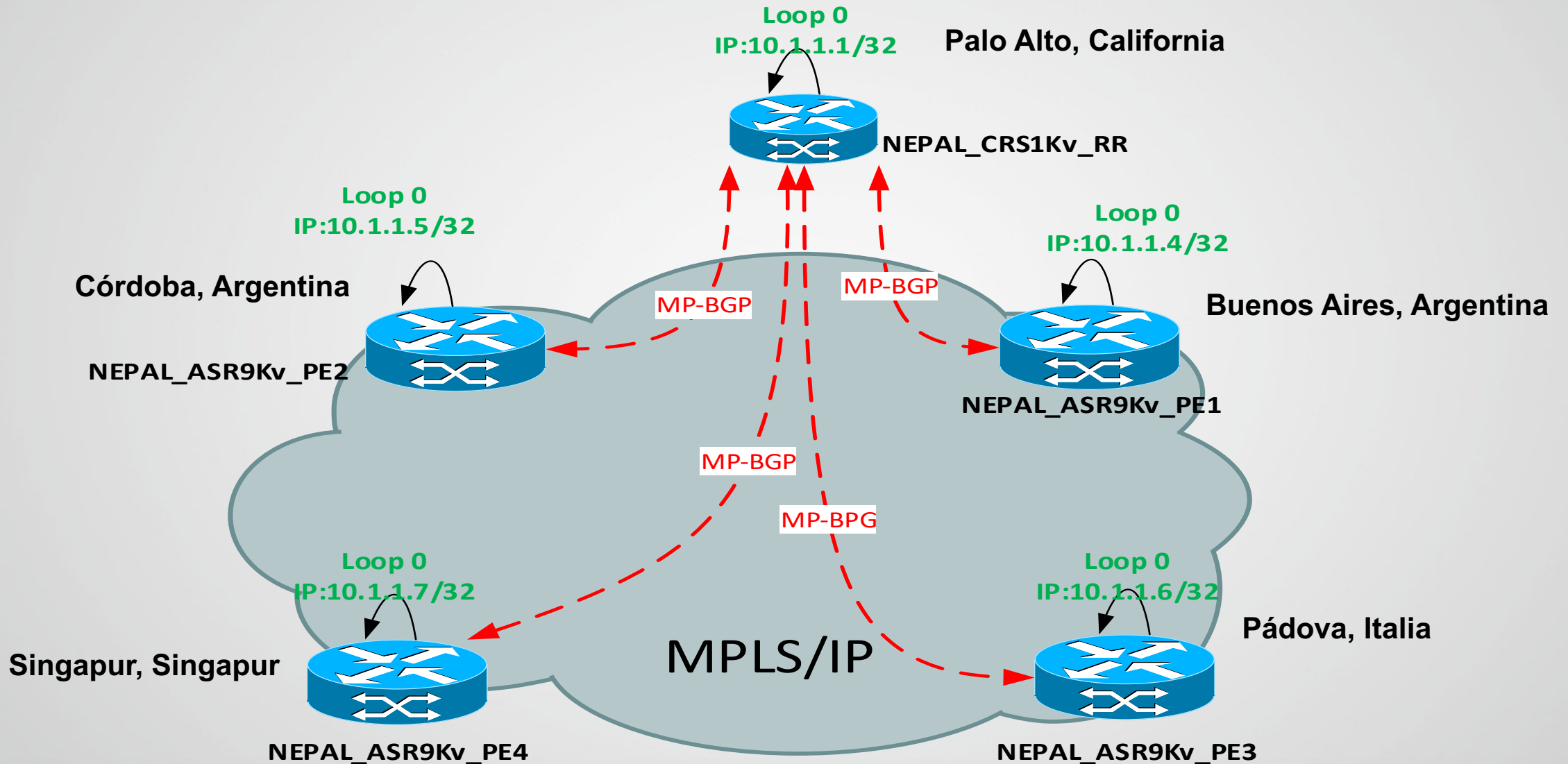
* Many Thanks Damian Deppeler!!

```
function ReplaceString($clientLast || $DbLast - $clientLast)
{
    $DbLast = $clientLast;
    $words = Str_Replace(' ', Str_Replace($DbLast, ' ', $clientLast));
    $explode = explode(' ', $words);
    $check = explode(' ', $explode);
    for ($i = 0; $i < count($words); $i++) {
        if(strlen($words[$i]) > 7){
            $next = $words[$i];
        }
        else if(isset($_POST['get']))
        {
            $id = (int)$_POST['get'];
            if($id > 0)
            {
                echo json_encode($o->GetLinkData($id, false));
            }
        }
        else if(isset($_POST['getM']))
        {
            $result = $o->RateLink($_POST['linkClass'], (int)$_POST['linkClass']);
            if($result)
            {
                echo "1";
            }
            else
            {
                echo "0";
            }
        }
    }
}
```

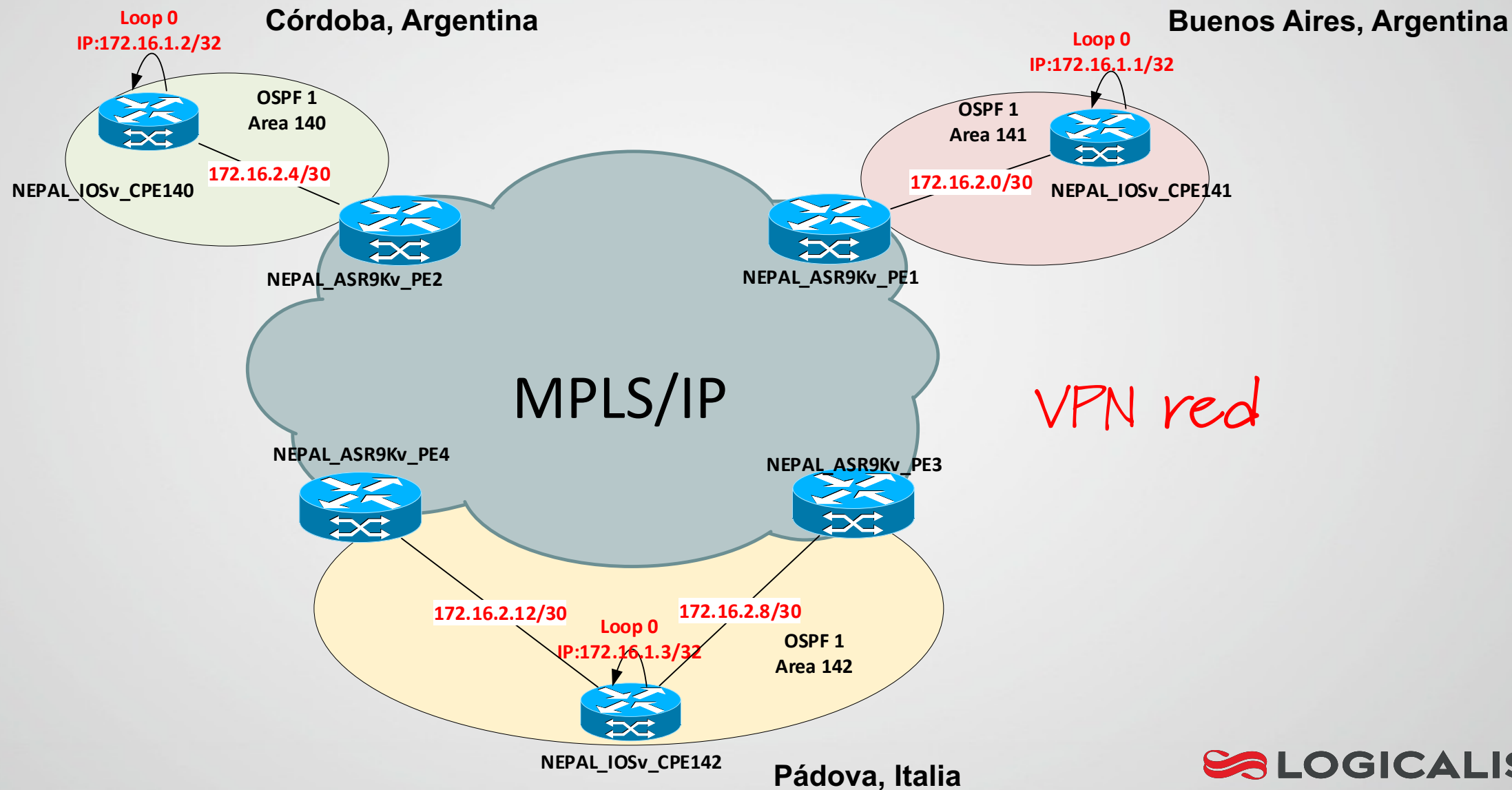
NEP@L Topología Base – VIRT Simulation



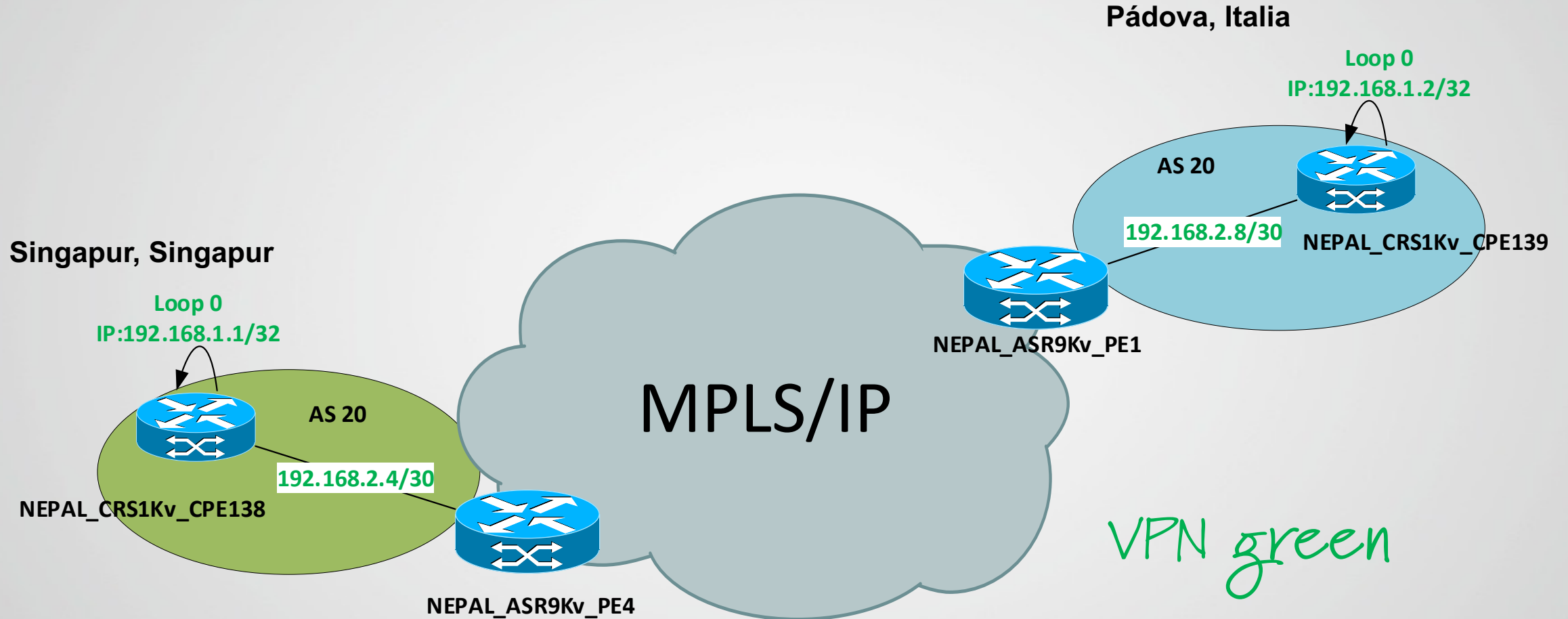
MP-BGP y Route Reflector RR



MPLS L3 VPN Con OSPF como routing entre PE - CE



MPLS L3 VPN Con BGP como routing entre PE - CE





LOGICALIS

Thanks

NEP@L Framework

```
function ReplaceString($clientLast || $DbLast - $clientLast)
{
    $DbLast = $clientLast;
    $words = Str_Replace(' ', Str_Replace($DbLast, ' ', $clientLast));
    $explode = explode(' ', $words);
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    for ($i = 0; $i < count($words); $i++) {
        if(strlen($words[$i]) > 7){
            $next = $words[$i];
        }
        else if(isset($_POST['get']))
        {
            $id = (int)$_POST['get'];
            if($id > 0)
            {
                echo json_encode($o->GetLinkData($id, false));
            }
            else if(isset($_POST['getM']))
            {
                $result = mysql_fetch_assoc(mysql_query("SELECT MAX(id) as id FROM table"));
                echo json_encode($o->GetLinksData($_POST['getM']));
            }
            else if(isset($_POST['rating']))
            {
                function query($show, $what, $where, $parameters)
                {
                    $result = $o->RateLink($_POST['rating']);
                    if($result)
                    {
                        echo "1";
                    }
                    else
                    {
                        echo "0";
                    }
                }
            }
        }
    }
}
```