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javascript: addButtons();


function currentBand() {
   $.ajax({
      type: "GET",
      async: true,
      url: '/api/device/signal',
      error: function (request, status, error) {
         alert("Signal Error:" + request.status + "\n" + "message:" + request.responseText + "\n" +
"error:" + error);
      },
      success: function (data) {
         vars = ['rssi', 'rsrp', 'rsrq', 'sinr', 'dlbandwidth', 'ulbandwidth', 'band', 'cell_id'];


         for (i = 0; i < vars.length; i++) {
            window[vars[i]] = extractXML(vars[i], data);
            $('#' + vars[i]).html(window[vars[i]]);
         }


         hex = Number(cell_id).toString(16);
         hex2 = hex.substring(0, hex.length - 2);
         enbid = parseInt(hex2, 16);


         $('#enbid').html(enbid);
      }
   });
   $.ajax({
      type: "GET",
      async: true,
      url: '/api/net/net-mode', error: function (request, status, error) {
         alert("Signal Error:" + request.status + "\n" + "message:" + request.responseText + "\n" +
"error:" + error);
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    },
    success: function (data) { lteband = extractXML('LTEBand', data);
    $('#allowed').html(_4GType(lteband)); } });
}

function extractXML(tag, data) {
    try {
        return data.split("</" + tag + ">")[0].split("<" + tag + ">")[1];
    }
    catch (err) {
        return err.message;
    }
}

function _4GType(data) {
    console.log(data);

    if ((data == '20880800C5') || (data == '20000800C5')) return "AUTO";
        data_out = "";
    if ((parseInt(data, 16) & 0x1) == 0x1) {
        data_out = "B1+";
    }
    if ((parseInt(data, 16) & 0x4) == 0x4) {
        data_out += "B3+";
    }
    if ((parseInt(data, 16) & 0x40) == 0x40) {
        data_out += "B7+";
    }
    if ((parseInt(data, 16) & 0x80000) == 0x80000) {
        data_out += "B20";
    }
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data_out = data_out.replace(/\++$/, "");

return data_out;


} function ltebandselection() { if (arguments.length == 0) { var band = prompt("Please input desirable LTE band number, separated by + char (example 1+3+20).If you want to use every supported bands, write 'AUTO'.", "AUTO"); if (band == null || band === "") { return; } } else var band = arguments[0]; var bs = band.split("+"); var ltesum = 0; if (band.toUpperCase() === "AUTO") { ltesum = "7FFFFFFFFFFFFFF"; } else { for (var i = 0; i < bs.length; i++) { ltesum = ltesum + Math.pow(2, parseInt(bs[i]) - 1); } ltesum = ltesum.toString(16); console.log("LTEBand:" + ltesum); } $.ajax({ type: "GET", async: true, url: '/html/home.html', error: function (request, status, error) { alert("Token Error:" + request.status + "\n" + "message:" + request.responseText + "\n" + "error:" + error); }, success: function (data) { var datas = data.split('name="csrf_token" content="'); var token = datas[datas.length - 1].split('"')[0]; setTimeout(function () { $.ajax({ type: "POST", async: true, url: '/api/net/net-mode', headers: { '__RequestVerificationToken': token }, contentType: 'application/xml', data:
'<request><NetworkMode>03</NetworkMode><NetworkBand>3FFFFFFF</NetworkBand><LTEBand>' + ltesum + '</LTEBand></request>', success: function (nd) { $("#band").html("<span style=\"color:green;\">OK</span>"); }, error: function (request, status, error) { alert("Net Mode Error:" + request.status + "\n" + "message:" + request.responseText + "\n" + "error:" + error); } }); }, 2000); } }); } window.setInterval(currentBand, 2500); function addButtons() { $("body").prepend("<style> .val{color:red;font-weight:strong;} </style> <div style=\"width:1000px;padding:20px;margin:0 auto;left:0;\"> <a style=\"font-size:1.4em;margin-right:30px;color:#04a;\" onclick=\"ltebandselection()\">BANDS</a> <div style=\"display:inline;\"> RSRP:<span class=\"val\" id=\"rsrp\">0</span>   RSSI:<span class=\"val\" id=\"rssi\">0</span>   SINR:<span class=\"val\" id=\"sinr\">0</span>         ENB ID:<span class=\"val\" id=\"enbid\">0</span>   CELL ID:<span class=\"val\" id=\"cell_id\">0</span>       BAND:<span class=\"val\" id=\"band\">0</span>(<span class=\"val\" id=\"dlbandwidth\">0</span>/<span class=\"val\" id=\"ulbandwidth\">0</span>)    SET:<span class=\"val\" id=\"allowed\">0</span> </div> </div> "); }
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