SITE\_TEST: <https://h-factor.vn/api/v1/>

uid = 2

|  |  |
| --- | --- |
| **POST** | **BODY** |
| ***https://h-factor.vn/api/v1/user/gate/gets*** | m={"uid":2}  hoặc m={"uid":2, "start":x, "limit":y}  start, limit là tùy chọn  nhận record thứ x giới hạn y record |
| Nhận các gateway của userid | {      "r": 0,      "m": {          "pages": {              "index": 0,              "limit": 10,              "total": 10          },          "data": [              {                  "gid": 2,                  "uid": 2,                  "gwid": "gw01",                  "description": "Xã Quảng Thọ",                  "date\_created": 1614883678441,                  "gwkey": "guq7fP7u072xrhKhhK.dfF5b9a7"              },              {                  "gid": 3,                  "uid": 2,                  "gwid": "gw02",                  "description": "Xã Vinh Hưng",                  "date\_created": 1614883678695,                  "gwkey": "t-rsqaXvgubaraXqsa)4f5b5c23"              },              {                  "gid": 4,                  "uid": 2,                  "gwid": "gw03",                  "description": "Gateway 3",                  "date\_created": 1614883678941,                  "gwkey": "sQq\_eqDM17ffzh6btq{cFB302bd"              }          ]      }  } |
| ***https://h-factor.vn/api/v1/user/gate/node/gets*** | m={"uid":2,"gid":2}  hoặc m={"uid":2,"gid":2, "start":x, "limit":y}  start, limit là tùy chọn  nhận record thứ x giới hạn y record |
| Nhận các Nodes của Gateway (gid) thuộc uid | {      "r": 0,      "m": {          "pages": {              "index": 0,              "limit": 10,              "total": 10          },          "data": [              {                  "nid": 2,                  "gid": 2,                  "nodeid": "node01",                  "description": "Cầu Niêm Phò A (1)",                  "date\_created": 1614883681193,                  "nkey": "pwfqgRLLgLGCyqOloK!bC79Fcee"              },              {                  "nid": 7,                  "gid": 2,                  "nodeid": "node02",                  "description": "Cầu Niêm Phò A (2)",                  "date\_created": 1614883682435,                  "nkey": "tua9yqLq0gfyqhTOsK)1bDC6ae6"              },              {                  "nid": 12,                  "gid": 2,                  "nodeid": "node03",                  "description": "Cầu Niêm Phò B",                  "date\_created": 1614883683703,                  "nkey": "hrifqfKct-aie\_7tveO{50bbf8f"       }       ]      }  } |
| ***https://h-factor.vn/api/v1/node/view/{nid}*** | m= {"uid":2}  hoặc m={"uid":2, "start":x, "limit":y}  start, limit là tùy chọn  nhận record thứ x giới hạn y record |
| Nhận thông tin Sensors mới nhất của một Node (nid)  Hiện tại đang dùng tool cập nhật liên tục các thông tin Sensors các Nodes của Gateway gid=2[,3] thuộc uid=2 | Ví dụ: https://h-factor.vn/api/v1/node/view/12  {      "r": 0,      "m": {          "pages": {              "index": 0,              "limit": 2,              "total": 25307          },          "data": [              {                  "sid": 463374,                  "nid": 12,                  "gid": 2,                  "date\_created": 1615236630679,                  "sensors": {                      "ph": {                          "value": 7.5,                          "level": 0                      },                      "nh3": {                          "value": 0.0108,                          "level": 0                      },                      "h2s": {                          "value": 0.0097,                          "level": 0                      },                      "no2": {                          "value": 0.36,                          "level": 0                      },                      "water\_temp": {                          "value": 21.61,                          "level": 0                      },                      "water\_flow": {                          "value": 0.27,                          "level": 0                      }                  }              },              {                  "sid": 463331,                  "nid": 12,                  "gid": 2,                  "date\_created": 1615236602656,                  "sensors": {                      "ph": {                          "value": 8.01,                          "level": 0                      },                      "nh3": {                          "value": 0.0128,                          "level": 0                      },                      "h2s": {                          "value": 0.0052,                          "level": 0                      },                      "no2": {                          "value": 0.4,                          "level": 0                      },                      "water\_temp": {                          "value": 31.95,                          "level": 0                      },                      "water\_flow": {                          "value": 0.29,                          "level": 0                      }                  }              }          ]      }  } |
| ***https://h-factor.vn/api/v1/node/views*** | m= {"uid":2,"gid":2,"nids":[2,12] }  hoặc m={{"uid":2,"gid":2,"nids":[2,12], "start":x, "limit":y}  start, limit là tùy chọn  nhận record thứ x giới hạn y record |
| Nhận thông tin Sensors mới nhất danh sách Nodes (nids) thuộc Gateway (gid)  Hiện tại đang dùng tool cập nhật liên tục các thông tin Sensors của Gateway gid=2[3] thuộc uid=2 | {      "r": 0,      "m": {          "2": {              "pages": {                  "index": 0,                  "limit": 1,                  "total": 25408              },              "data": [                  {                      "sid": 463553,                      "nid": 2,                      "gid": 2,                      "date\_created": 1615236746063,                      "sensors": {                          "ph": {                              "value": 7.16,                              "level": 0                          },                          "nh3": {                              "value": 0.0123,                              "level": 0                          },                          "h2s": {                              "value": 0.0089,                              "level": 0                          },                          "no2": {                              "value": 0.33,                              "level": 0                          },                          "water\_temp": {                              "value": 27.58,                              "level": 0                          },                          "water\_flow": {                              "value": 0.23,                              "level": 0                          }                      }                  }              ]          },          "12": {              "pages": {                  "index": 0,                  "limit": 1,                  "total": 25313              },              "data": [                  {                      "sid": 463556,                      "nid": 12,                      "gid": 2,                      "date\_created": 1615236748862,                      "sensors": {                          "ph": {                              "value": 7.17,                              "level": 0                          },                          "nh3": {                              "value": 0.0172,                              "level": 0                          },                          "h2s": {                              "value": 0.0091,                              "level": 0                          },                          "no2": {                              "value": 0.24,                              "level": 0                          },                          "water\_temp": {                              "value": 29.26,                              "level": 0                          },                          "water\_flow": {                              "value": 0.2,                              "level": 0                          }                      }                  }              ]          }      }  } |

date\_created / 1000 = linux epoch