



This document includes how to install PMS/QMS Simulator on window PC for DEMO purpose



CONCEPT

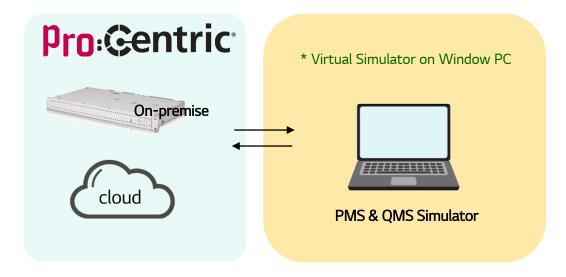


Concept

Hotel Infra.

* System Integrator Pro:Gentric Interface Server **PMS Server** (HOTEL) On-premise cloud Interface Server QMS Server (HOTEL)

Showroom Infra.





PROCESS



Installation: Simulator on winPC

Pre-requisites / PMS simulator / QMS simulator



Connection : Simulator ↔ Pro:Centric

Set External Server (PMS/QMS) on Admin Client (Pro:Centric)



Setting: Guest Service

Template



Demonstration

STEP 1



Installation: Simulator on winPC

Pre-requisites / PMS simulator / QMS simulator



Connection : Simulator ↔ Pro:Centric

Set External Server (PMS/QMS) on Admin Client (Pro:Centric)



Setting: Guest Service

Template

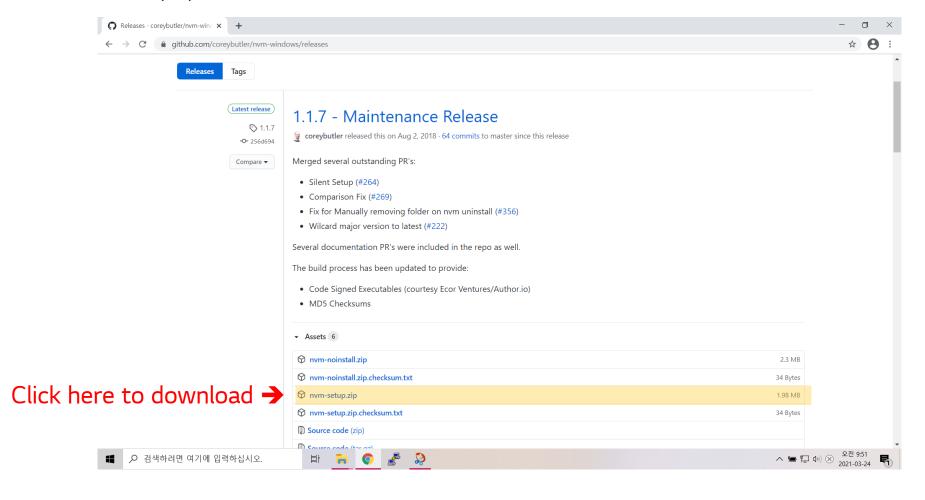


Demonstration

Pre-requisites

Install NVM (Node Version Manager)

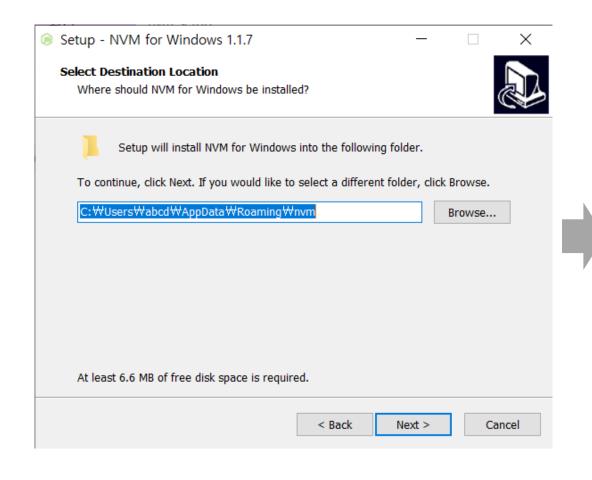
- 1. https://github.com/coreybutler/nvm-windows/releases
- 2. download [nvm-setup.zip]

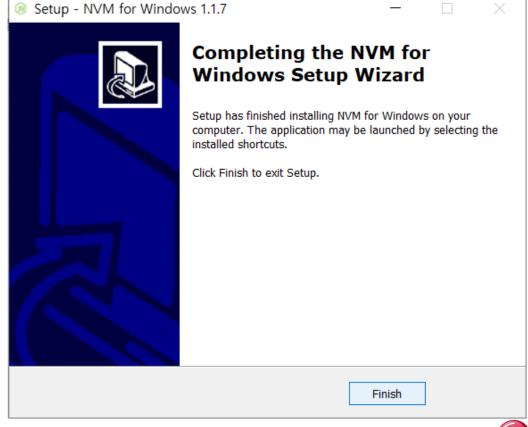




Pre-requisites | Install NVM (Node Version Manager)

3. Extract [nvm-setup.zip] and run [nvm-setup.exe]



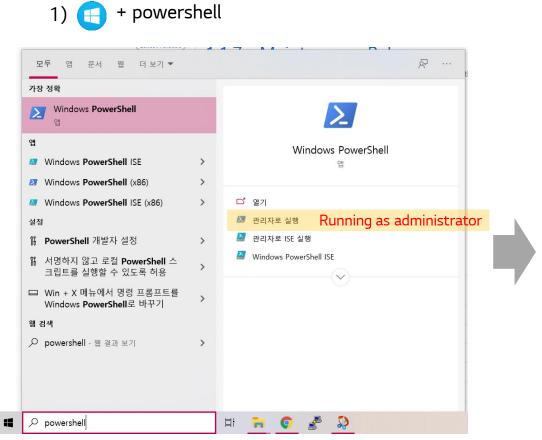




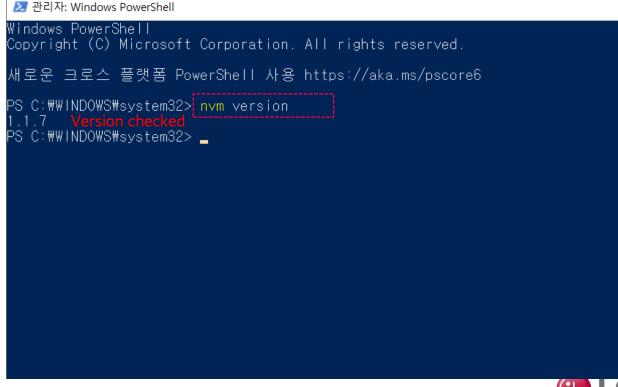
Pre-requisites

Install NVM (Node Version Manager)

4. In order to check if nvm is installed correctly, open powershell and check nvm version.

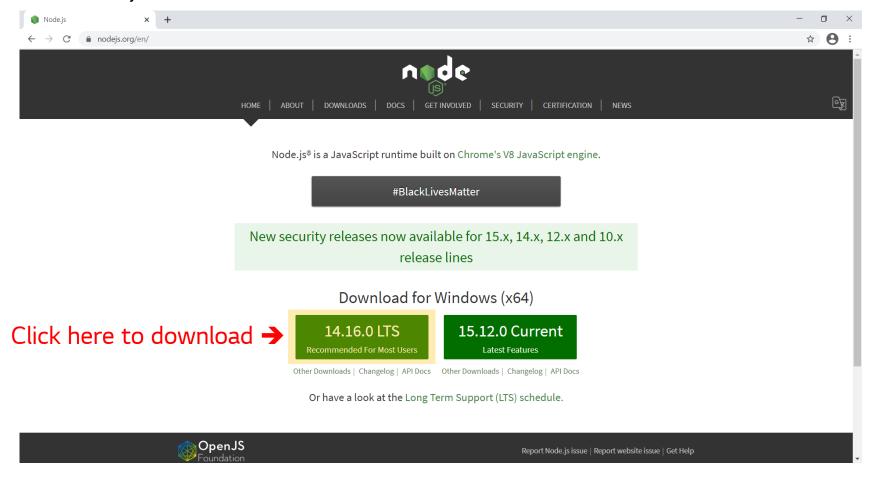


2) Command: nvm version



Pre-requisites Install Node.js

- 1. https://nodejs.org
- 2. Download stable Node.js version

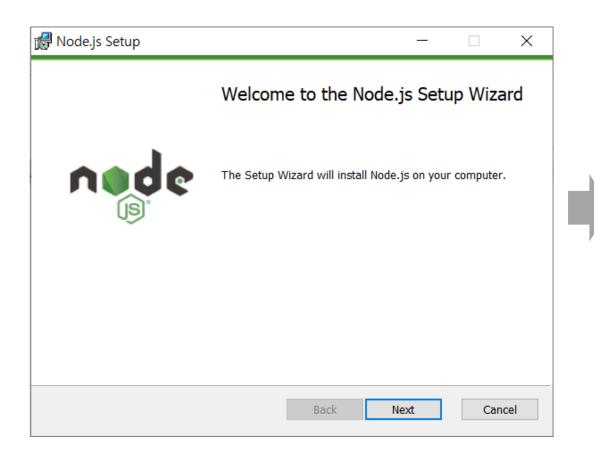


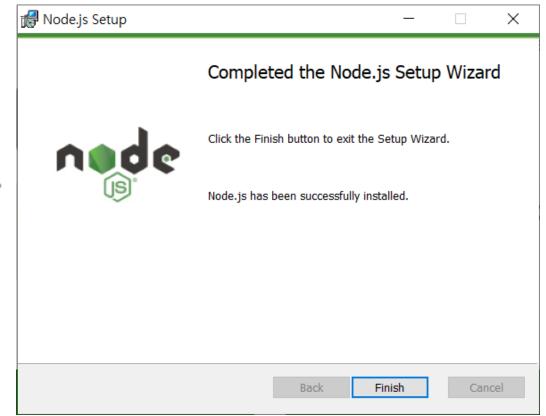


Pre-requisites

Install Node.js

3. Run [node-v14.16.0-x64.msi] to install Node.js







Pre-requisites Install Node.js

- 4. Close and open powershell.
- 5. Check if Node.js is installed correctly by typing command.
 - Command : node --version

```
💹 관리자: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
새로운 크로스 플랫폼 PowerShell 사용 https://aka.ms/pscore6
PS_C:\W\INDO\S\system32> node --version
v14.16.0 <mark>Version check</mark>
PS C:\WNNDOWS\system32>
```



Pre-requisites | Install PM2 (Process Manager)

- 1. Run powershell as administrator.
- 2. In order to check if simulator is running properly, PM2 needs to be installed.

Command: npm install -g pm2

```
관리자: Windows PowerShell
                                                                                                                      ×
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
새로운 크로스 플랫폼 PowerShell 사용 https://aka.ms/pscore6
PS C:₩WINDOWS₩system32≯ npm install -g pm2
                   debug@4.1.1: Debug versions >=3.2.0 <3.2.7 || >=4 <4.3.1 have a low-severity ReDos regression when u
sed in a Node.is environment. It is recommended you upgrade to 3.2.7 or 4.3.1. (https://github.com/visionmedia/debug/iss
 :\Users\abcd\AppData\Roaming\npm\pm\pm2 -> C:\Users\abcd\AppData\Roaming\npm\node modules\pm2\bin\pm2
C:\Users\abcd\AppData\Roaming\npm\pm2-dev -> C:\Users\abcd\AppData\Roaming\npm\node_modules\pm2\bin\pm2-dev
 ∷₩Users₩abcd₩AppData₩Roaming₩npm₩pm2-docker -> C:₩Users₩abcd₩AppDataWRoaming₩npm₩node_modules₩pm2₩bin₩pm2-docker
 :\Users\abcd\AppData\Roaming\npm\pm2-runtime -> C:\Users\abcd\AppData\Roaming\npm\node modules\pm2\pm2\pm2-runtime
                 SKIPPING OPTIONAL DEPENDENCY: fsevents@~2.3.1 (node modules\pm2\mode modules\chokidar\node modules\fse
nom WARN
vents):
               SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any
  (current: {"os":"win32","arch":"x64"})
 pm2@4.5.5
updated 1 package in 6.044s
PS C:\WINDOWS\system32> _
```



Pre-requisites Install yarn

- 1. In order to install simulator properly, package manager Yarn needs to be installed.
 - Command : npm install -g yarn

```
➢ 관리자: Windows PowerShell
                                                                                                                Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
새로운 크로스 플랫폼 PowerShell 사용 https://aka.ms/pscore6
PS C:₩WINDOWS₩system32><mark> npm</mark> install -g yarn
 yarn@1.22.10 preinstall C:\Users\abcd\AppData\Roaming\npm\node_modules\yarn
 :; (node ./preinstall.is > /dev/null 2>&1 || true)
 ∷#Users\abcd\AppData\Roaming\npm\yarn -> C:\Users\abcd\AppData\Roaming\npm\node modules\yarn\bin\yarn.js
 :\Users\abcd\AppData\Roaming\npm\yarnpkg -> C:\Users\abcd\AppData\Roaming\npm\node modules\yarn\bin\yarn.is
 yarn@1.22.10
updated 1 package in 0.56s
PS C:\WINDOWS\system32> _
```



STEP 1



Installation: Simulator on winPC

Pre-requisites / PMS simulator / QMS simulator



Connection : Simulator ↔ Pro:Centric

Set External Server (PMS/QMS) on Admin Client (Pro:Centric)



Setting: Guest Service

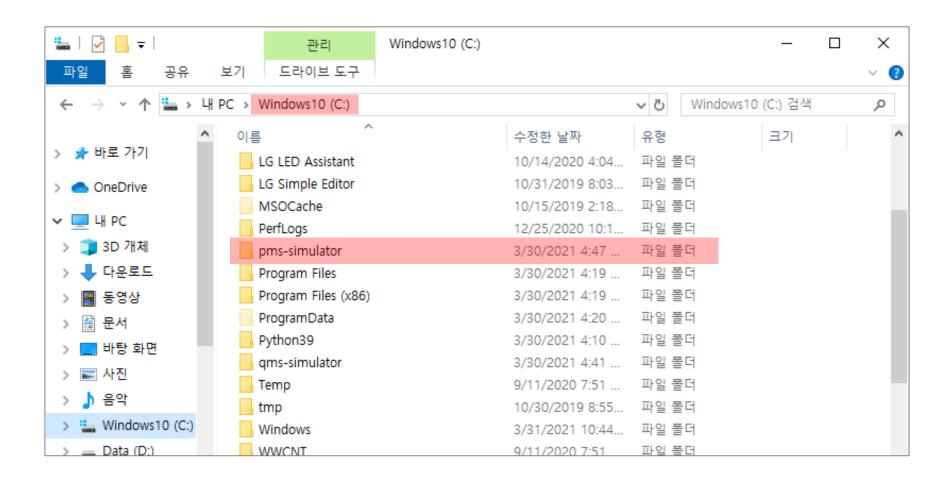
Template



Demonstration

Install PMS Simulator

1. Download PMS simulator under C:





Install PMS Simulator

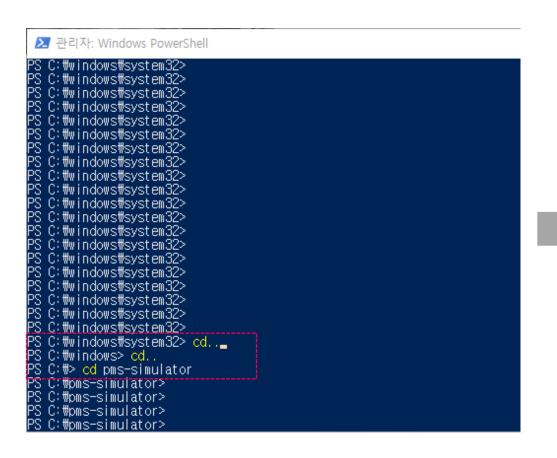
- 2. Open Powershell as administrator.
- 3. Install & Use [nvm 12.16.0] by typing command.
 - Command: nvm install 12.16.0 - Command: nvm use 12.16.0

```
PS C:\\VindowsPowerShell - \ \
PS C:\\VindowsPowerShell 12.16.0
Downloading node.js version 12.16.0 (64-bit)...
Complete
Creating C:\\VindowsPowerSheld PowerSheld P
```



Install PMS Simulator

- 4. Start Yarn to install PMS simulator.
 - 1) Move to pms-simulator folder.



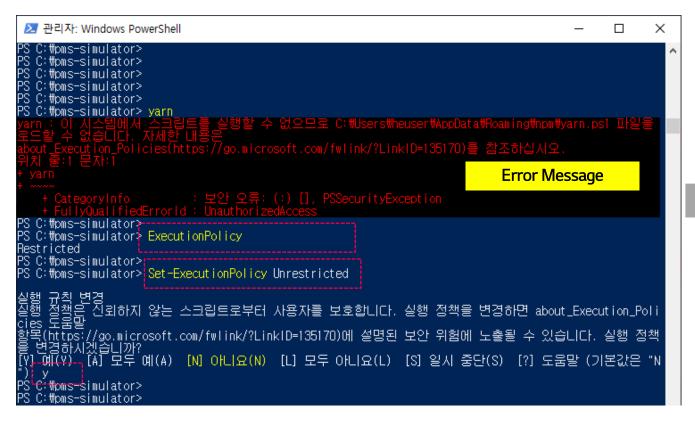
2) Command: yarn

```
💹 관리자: Windows PowerShell
 C:\pms-simulator>
 C:#pms-simulator>
 C: #pms-simulator>
 C: #pms-simulator>
 C: #pms-simulator> yarn_
   :\pms-simulator>
                       If Error Message related to Security is shown
                       on the screen, see next page
   :#pms-simulator>
  C:\pms-simulator>
```

Install PMS Simulator

If Error Message is shown on screen,

- E-1. Check [Execution Policy] and Set [Unrestricted]
 - 1) Command : Execution Policy
 - 2) Command: Set-Execution Policy Unrestricted
 - 3) Select [YES]



E-2. Try again.

- Command: yarn

```
관리자: Windows PowerShell
    C:\pms-simulator>
  S C:#pms-simulator>
yarn install v1.22.10yarn
  node tools/scripts/preinstall
[1/4] Resolving packages...
            Already up-to-date
$ node tools/scripts/postinstall
 *** Build pms-simulator...
  pms-simulator@0.1.0 build C:\pms-simulator
  webpack --progress --config tools/webpack.config.js
clean-webpack-plugin: C:\mpms-simulator\tools\dist has been removed.
Hash: 8633238e2607002f8853
Version: webpack 3.12.0
Time: 5930ms
                 Size Chunks
22.2 kB 0
14.8 kB 1
                                                               Chunk Names
                                   0 [emitted] app
1 [emitted] cli
            ./src/util/config.js 492 bytes {0} {1} [built]
./src/util/logger.js 2.16 kB {0} {1} [built]
./src/util/validator.js 1.05 kB {0} {1} [built]
./src/command/checkin.js 2.9 kB {1} [built]
             /src/command/checkout.js 1.44 kB {1} [built]
             /src/command/folio.js 1.85 kB {1}
           ./src/command/horto.js 1.33 kB {| foult||
./src/command/message.js 1.29 kB {| foult||
./src/command/pms.js 1.46 kB {| foult||
./src/command/site.js 1.31 kB {| foult||
./src/command/host.js 914 bytes {| foult||
./src/command/move.js 1.79 kB {| foult||
      + 42 hidden modules
Done in 13.22s.
    C:\pms-simulator> _
```

Turn on PMS Simulator

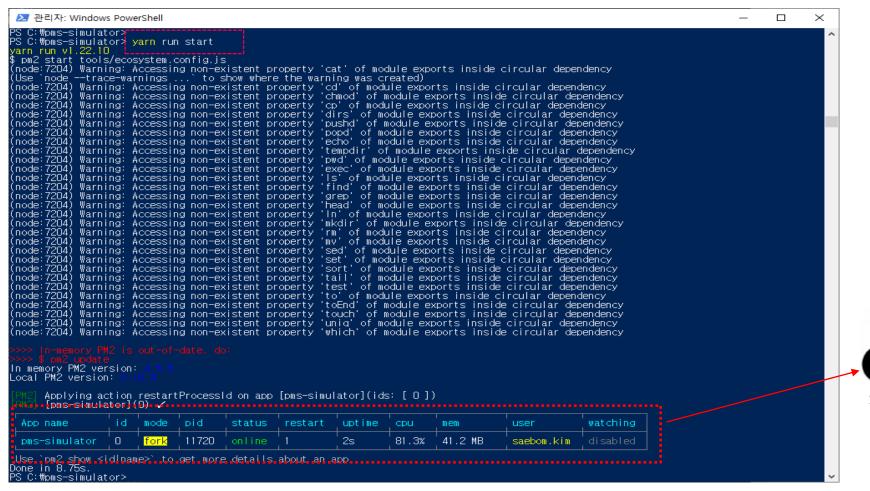
- 5. Initiate PMS simulator
 - Command: yarn run init

```
관리자: Windows PowerShell
                                                                                                                                     PS C:₩pms-simulator>;-
PS C:₩pms-simulator≯yarn run init
varn run v1.22.10 👢
$ shx cp resource/pms/config.json.example resource/pms/config.json
(node:26548) Warning: Accessing non-existent property 'cat' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
(node:26548) Warning: Accessing non-existent property 'cd' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'chmod' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'cp' of module exports inside circular dependency
            -Warning: Accessing non-existent property 'dirs' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'pushd' of module exports inside circular dependency
<u>(node:26548) Warning: Accessing non-existent property 'popd' of module exports inside circular dependency</u>
            Warning: Accessing non-existent property 'echo' of module exports inside circular dependency
            Warning: Accessing non-existent property 'tempdir' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'pwd' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'exec' of module exports inside circular dependency
            Warning: Accessing non-existent property 'ls' of module exports inside circular dependency
            Warning: Accessing non-existent property 'find' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'grep' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'head' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'In' of module exports inside circular dependency
            Warning: Accessing non-existent property 'mkdir' of module exports inside circular dependency
            Warning: Accessing non-existent property 'rm' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'mv' of module exports inside circular dependency
<u>(node:26549) Warning: Accessing non-existent property 'sed' of module exports inside circular dependency</u>
            Warning: Accessing non-existent property 'set' of module exports inside circular dependency
            Warning: Accessing non-existent property 'sort' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'tail' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'test' of module exports inside circular dependency
            Warning: Accessing non-existent property 'to' of module exports inside circular dependency
            Warning: Accessing non-existent property 'toEnd' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'touch' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'uniq' of module exports inside circular dependency
(node:26548) Warning: Accessing non-existent property 'which' of module exports inside circular dependency
Done in 1.32s.
PS C:\pms-simulator>
```



Turn on PMS Simulator

- 6. Start PMS simulator.
 - Command : yarn run start





Status of simulator is also able to check by command : pm2 status



Go to PMS Simulator

- 7. Start PMS simulator.
 - Command : yarn run cli

```
🔼 관리자: Windows PowerShell
                                                                                                                                                                                                  _ _
       :#pms-simulator>..
PS C:\pms-simulator> varn run cli
varn run v1.22.10
$ cross-env NODE_ENV=debug node dist/pms.cli.js
pms-$ (node:10852) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
                     Type [help] to see commands.
     help [command...]
                                                                                       Provides help for a given command.
                                                                                       Exits application.
                                                                                      Checkin a guest with specific guest name.
isSwap: true|false (default: false)
ex) checkin 2201 "Mrs. Pearl Brooks"
ex) checkin 2201 "Mrs. Pearl Brooks" true
     checkin <roomld> <name> [isSwap]
                                                                                      Checkin a guest with name, language & nationality code, email, phone.
ex) checkin2 2201 "Mrs. Pearl Brooks" en_US lge123@lge.com
ex) checkin2 2201 "Mrs. Pearl Brooks" de_DE lge123@lge.com 010-1234-5678
     checkin2 <roomId> <name> <lang_nationality> <email> [phone]
     checkout <roomld> [isSwap]
                                                                                       Checkout a guest in the room.
                                                                                       isSwap: true|false (default: false)
                                                                                       ex) checkout 2201
ex) checkout 2201 true
     room [roomld]
                                                                                       Get room list or specific rooms's detail.
                                                                                       ex) room
                                                                                       ex) room 2201
                                                                                       Add a folio item to the room.
ex) folio 2201 2201-1 10.99 "TV SHOW"
     folio <roomld> <account> <amount> <desc>
     message <roomld> <text>
                                                                                        Send a message to the room.
                                                                                       text: message text
                                                                                       ex) message 2201 "Hello, Guest"
                                                                                       Set PMS interface(link) status.
     pms [status]
                                                                                       status: up|down
                                                                                      Get or Set Site ID, name and currency of PMS.
currency: USD, KRW, ...
Get PCN and PMS host URI.
     site [id] [name] [currency]
     host [fromHost] [toHost]
                                                                                       fromHost: original callback host address from subscription
                                                                                       toHost: changed callback host address to fix ex) host https://192.168.56.1:60080 https://127.0.0.1:60080
     move <fromRoomId> <toRoomId>
                                                                                       Change the room.
                                                                                       fromRoomld: original room id
                                                                                       toRoomld: changed room id
                                                                                       ex) move 201 5<u>0</u>1
```



STEP 1



Installation: Simulator on winPC

Pre-requisites / PMS simulator / QMS simulator



Connection : Simulator ↔ Pro:Centric

Set External Server (PMS/QMS) on Admin Client (Pro:Centric)



Setting: Guest Service

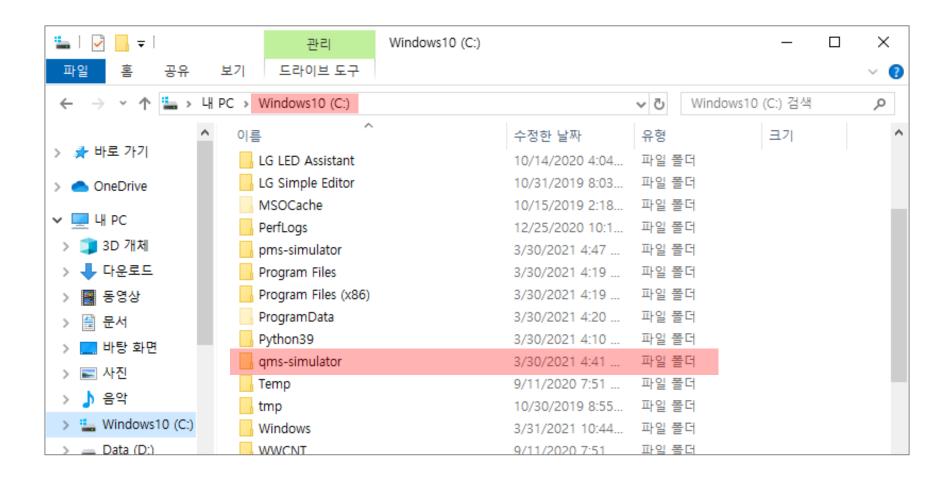
Template



Demonstration

Install QMS Simulator

1. Download QMS simulator under C:





Install QMS Simulator

- 4. Start Yarn to install QMS simulator.
 - 1) Move to pms-simulator folder.

```
관리자: Windows PowerShell
'S C:₩Users₩heuser>
PS C:\Users\heuser>
'S C:₩Users₩heuser>
PS C:\Users\heuser>
PS C:₩Users₩heuser>
  C:\Users\heuser>
PS C:₩Users₩heuser>
S C:\Users\heuser> cd..
  C:\Users> cd..
S C:#>
PS C:₩> cd .₩qms-simulator₩
S C:₩qms-simulator>
```

2) Command: yarn

```
💹 관리자: Windows PowerShell
  S C:₩qms-simulator>
PS C:\ambleqms-simulator> yarn
  arn-install-v1-22-10----
  node tools/scripts/preinstall
[1/4] Resolving packages..
             Already up-to-date.
$ node tools/scripts/postinstall
  ** Build gms-simulator...
  -qms-simulator@0.1.0 build C:₩qms-simulator
  webpack --progress --config tools/webpack.config.is
clean-webpack-plugin: C:\ample clean-webpack-plugin: C:\ample clean-webpack-plugin: C:\ample clean-simulator\tools\tools\tools
Hash: 6ea142acb4a1d139719d
Version: webpack 3.11.0
  ime: 8990ms
       Asset
                       Size Chunks
                                                                  Chunk Names
                   29.9 kB
                                         0 [emitted] app
          //src/util/config.js 492 bytes {0} {1} [built]

//src/util/logger.js 2.16 kB {0} {1} [built]

./src/util/validator.js 1.05 kB {0} {1} [built]

./src/util/request.js 1.17 kB {0} {1} [built]
         ./src/util/request.js 1.17 kB tu/ ti/ [built]
./src/server.js 790 bytes {0} [built]
./src/app.js 713 bytes {0} [built]
./src/cli.js 4.16 kB {1} [built]
./src/command/host.js 924 bytes {1} [built]
./src/command/servicelist.js 4.03 kB {1} [built]
./src/command/job.js 1.13 kB {1} [built]
           ./src/command/amenity.js 4.69 kB {1} [built]
   [61] ./src/command/wakeupcall.js 4.36 kB {1} [built]
   [62] ./src/command/reservation.js 4.93 kB {1} [built] [63] ./src/command/service.js 5.08 kB {1} [built] [64] ./src/command/channel.js 4.7 kB {1} [built]
      + 50 hidden modules
 Done in 20.76s.
  S C:Wqms-simulator> 🕳
```



Turn on QMS Simulator

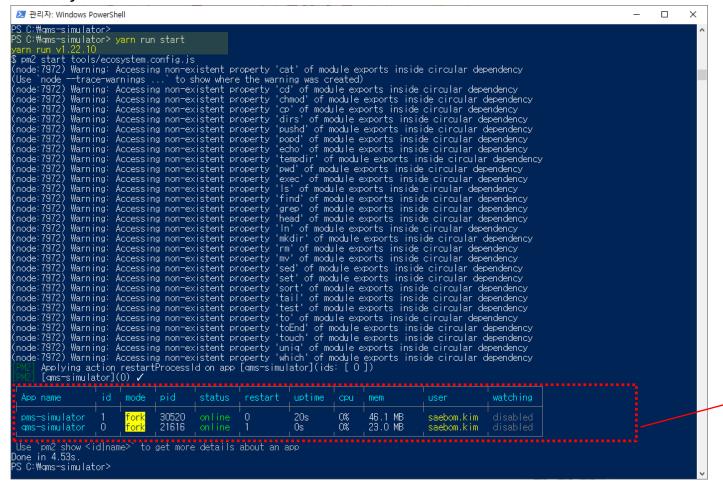
- 5. Initiate QMS simulator.
 - Command : yarn run init

```
관리자: Windows PowerShell
                                                                                                                              [64] ./src/command/channel.js 4.7 kB {1} [built]
   + 50 hidden modules
One in 20.76s.
  -C:₩qms-simulator>
  C:\ams-simulator>
 S C:\ams-simulator>
PS C:\ams-simulator>
arn run v1.22.10or> yarn run init
 shx cp resource/qms/config.json.example resource/qms/config.json
(node:31200) Warning: Accessing non-existent property 'cat' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
(node:31200) Warning: Accessing non-existent property 'cd' of module exports inside circular dependency
node:31200) Warning: Accessing non-existent property 'chmod' of module exports inside circular dependency)
node:31200) Warning: Accessing non-existent property 'cp' of module exports <u>inside circular dependency</u>
node:31200) Warning: Accessing non-existent property 'dirs' of module exports inside circular dependency.
(node:31200) Warning: Accessing non-existent property 'pushd' of module exports inside circular dependency
(node:31200) Warning: Accessing non-existent property 'popd' of module exports inside circular dependency
node:31200) Warning: Accessing non-existent property 'echo' of module exports inside circular dependency.
node:31200) Warning: Accessing non-existent property 'tempdir' of module exports inside circular dependency
node:31200) Warning: Accessing non-existent property 'pwd' of module exports inside circular dependency.
node:31200) Warning: Accessing non-existent property 'exec' of module exports inside circular dependency(
(node:31200) Warning: Accessing non-existent property 'ls' of module exports inside circular dependency
(node:31200) Warning: Accessing non-existent property 'find' of module exports inside circular dependency
(node:31200) Warning: Accessing non-existent property 'grep' of module exports inside circular dependency
node:31200) Warning: Accessing non-existent property 'head' of module exports inside circular dependency.
(node:31200) Warning: Accessing non-existent property 'In' of module exports i<u>nside circular dependency</u>
node:31200) Warning: Accessing non-existent property 'mkdir' of module exports inside circular dependency.
(node:31200) Warning: Accessing non-existent property 'rm' of module exports inside circular dependency
node:31200) Warning: Accessing non-existent property 'mv' of module exports inside circular dependency.
node:31200) Warning: Accessing non-existent property 'sed' of module exports inside circular dependency.
(node:31200) Warning: Accessing non-existent property 'set' of module exports <u>inside circular dependency</u>
node:31200) Warning: Accessing non-existent property 'sort' of module exports inside circular dependency)
(node:31200) Warning: Accessing non-existent property 'tail' of module exports inside circular dependency
(node:31200) Warning: Accessing non-existent property 'test' of module exports inside circular dependency
(node:31200) Warning: Accessing non-existent property 'to' of module exports i<u>nside circular dependency</u>
node:31200) Warning: Accessing non-existent property 'toEnd' of module exports inside circular dependency,
node:31200) Warning: Accessing non-existent property 'touch' of module exports inside circular dependency.
node:31200) Warning: Accessing non-existent property 'uniq' of module exports inside circular dependency.
(node:31200) Warning: Accessing non-existent property 'which' of module exports inside circular dependency
Done in 1.77s.
PS C:\ams-simulator> 🗕
```



Turn on QMS Simulator

- 6. Start QMS simulator.
 - Command: yarn run start





Status of simulator is also able to check by command : pm2 status



Go to QMS Simulator

- 7. Start QMS simulator.
 - Command : yarn run cli

```
💹 관리자: Windows PowerShell
    PS C:₩ams-simulator>
    PS C:₩ams-simulator>
    PS C:\angle
      PS C:₩qms-simulator>
    PS C:\angle C:\angle cor>
     PS C:₩qms-simulator>
    PS C:\ams-simulator>
    PS C:\amble 
   PS C:\ams-simulator> <mark>yarn run cli</mark>
   varn run v1.22.10
$ cross-env NODE_ENV=debug node dist/qms.cli.js
qms~$ (node:30160) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
  |ams∼$
 ams∼$
```



STEP 2



Installation: Simulator on winPC

Pre-requisites / PMS simulator / QMS simulator



Connection : Simulator ↔ Pro:Centric

Set External Server (PMS/QMS) on Admin Client (Pro:Centric)



Setting: Guest Service

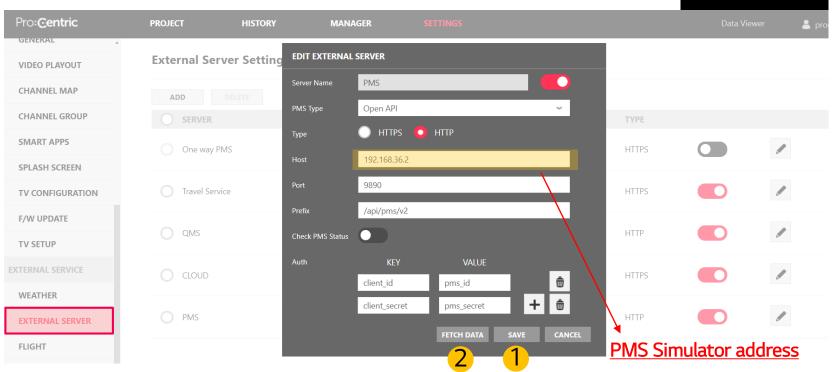
Template



Demonstration

Connect PMS Simulator

- 1. Add 2way PMS
 - Path : [Settings] [External Service] [External Server]
- 2. Save
- 3. Fetch Data



- * Server Setting Value
 - Server Name: PMS
 - PMS Type : Open API
 - Type: HTTP
 - Host: 192.168.36.2
 - Port: 9890
 - Prefix: /api/pms/v2
 - Auth
 - Client_id : pms_id
 - Client_secret : pms_secret
 - * client id, client secret must be unique

Since you installed PMS Simulator on Windows PC, Host address should be IP address of windows PC

Admin Client



Connect PMS Simulator

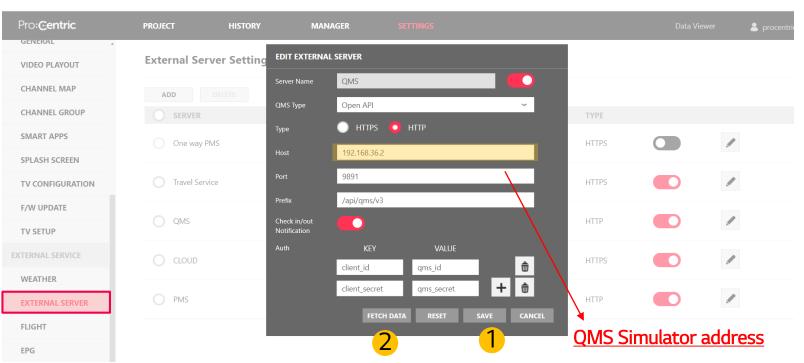
- 4. Type the command in the PMS simulator to check whether the PCD successfully communicates.
 - Command: host

```
관리자: Windows PowerShell
   URI: http://127.0.0.1:9890
```



Connect QMS Simulator

- 1. Add QMS.
 - Path : [Settings] [External Service] [External Server]
- 2. Save
- 3. Fetch Data



* Server Setting Value

- Server Name : QMS

- PMS Type : Open API

- Type : HTTP

- Host: 192.168.36.2

- Port: 9891

- Prefix: /api/qms/v3

- Auth

- Client_id: qms_id

- Client_secret : qms_secret

* client id, client secret must be unique

Since you installed PMS Simulator on Windows PC, Host address should be IP address of windows PC.



Connect QMS Simulator

- 4. Type the command in the QMS simulator to check whether the PCD successfully communicates.
 - Command : host

```
💹 관리자: Windows PowerShell
                                                                                                                      Done in 4.60s.
PS C:#ams-simulator>
PS C:\ample qms-simulator> yarn run cli
yarn run v1.22.10
$ cross-env NODE_ENV=debug node dist/qms.cli.js
qms~$ (node:27248) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
QMS URI: http://127.0.0.1:9891
```



STEP 3



Installation: Simulator on winPC

Pre-requisites / PMS simulator / QMS simulator



Connection : Simulator ↔ Pro:Centric

Set External Server (PMS/QMS) on Admin Client (Pro:Centric)



Setting: Guest Service

Template

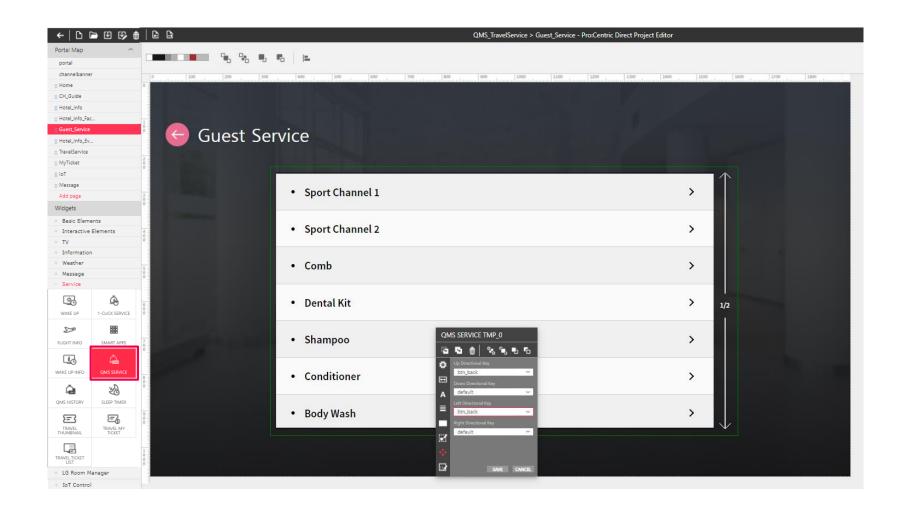


Demonstration

QMS (Guest Service)

| Template

1. Add QMS service widget on Template.

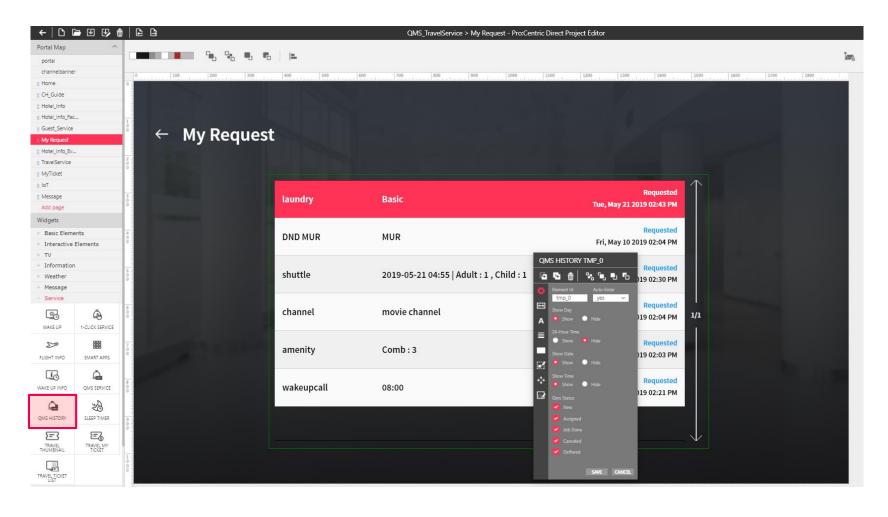




QMS (Guest Service)

| Template

2. Add QMS history widget on Template.





STEP 4



Installation: Simulator on winPC

Pre-requisites / PMS simulator / QMS simulator



Connection : Simulator ↔ Pro:Centric

Set External Server (PMS/QMS) on Admin Client (Pro:Centric)



Setting: Guest Service

Template

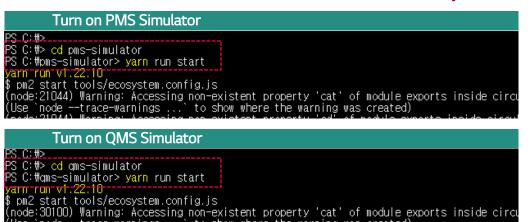


Demonstration

Preparation

When rebooting window PC (Simulator)

- ① Turn PMS / QMS on.
- 1) Open Windows Powershell and go to the folder "pms-simulator" / "gms-simulator"
- 2) Type the command to start PMS / QMS simulator **Command: yarn run start**



`node --trace-warnings ...` to show where the warning was created)



② Go to PMS / QMS.

- 1) Go to the folder "pms-simulator" / "qms-simulator"
- 2) Type the command to start PMS / QMS simulator

 Command: yarn run cli

```
Go to PMS Simulator

PS_C:\(\pi\mos\-\simulator\)
PS_C:\(\pi\mos\-\simulator\)
PS_C:\(\pi\mos\-\simulator\)
$ cross-env NODE_ENV=debug node dist/pms.cli.js
$ cross-env NODE_ENV=debug node dist/pms.cli.js
$ pms^\(\simu\) (node:28856) \(\pi\mos\mos\) warning: Accessing non-existent property 'padLevels' of module exports inside circulai
(Use `node --trace-warnings ...` to show where the warning was created)
$ pms^\(\sim\sim\)
$ pms^\(\sim\)
$ pms^\(\sim\)
$ pms^\(\sim\)
```

- 3) Now you can type the command for services such as
 - PMS: Guest Name (Check in), Billing Info., Netflix, etc.
 - QMS: Guest Service, Travel Service, etc.



| Preparation

■ Check In (PMS)

In order to use QMS features, a Room must be checked in.

```
checkin2 <roomId> <name> <lang_nationality> <email> [phone]
checkin2 3004 "ID Academy" en_US lge1111@lge.com 010-123-1234
```

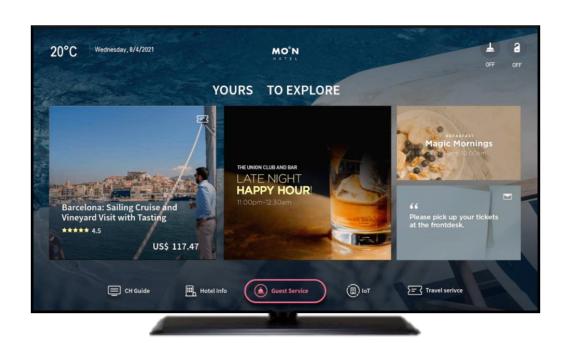




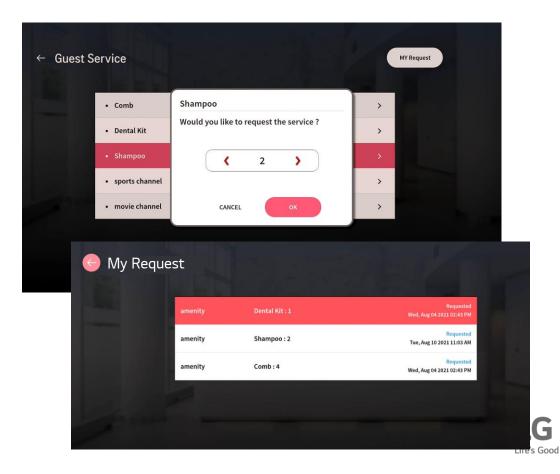


Guest Service (QMS Feature)

- Request services
- Check the request on TV screen.





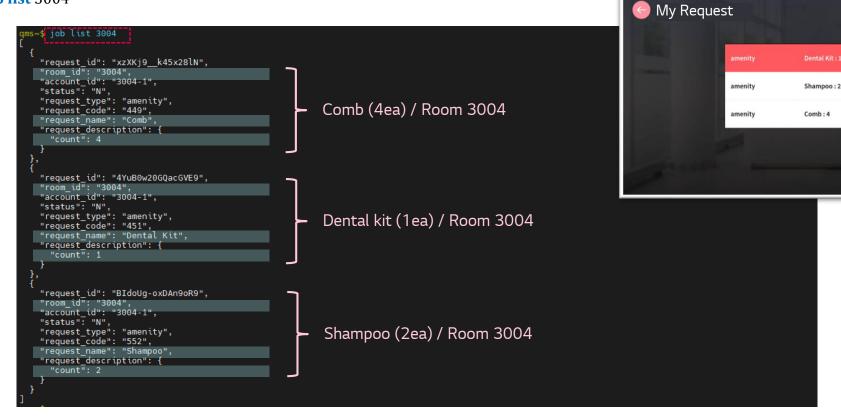


Guest Service (QMS Feature)

■ Check the request on QMS Simulator.

job list <room number>

job list 3004





Tue, Aug 10 2021 11:03 AM

Wed, Aug 04 2021 02:43 PM

Guest Service (QMS Feature)

■ Change status of request.

Example) If you want to change request status of Dental Kit. (requested → Done)

① Get the request ID by typing command 'job list <room number>

Service status <room number> [request_id] [Job Status]

② Type the command

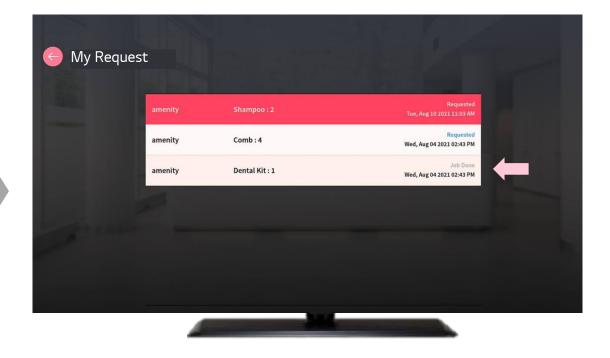
service status 3004 4YuB0w20GQacGBE9 F job list 3004 "request id": "xzXKj9 k45x28lN", "room id": "3004", "account id": "3004-1", * Job status "status": "N", "request_type": "amenity", "request code": "449", "request name": "Comb" N:new "request description": { A: Assigned "count": 4 F: Job Done X: Canceled "request id": "4YuB0w20GQacGVE9", "room id": "3004", "account id": "3004-1", "status": "N", "request_type": "amenity", "request_code": "451", "request name": "Dental Kit", "request description": { "count": 1

```
qms~$
q
```

Guest Service (QMS Feature)

■ Check that the status has changed.

```
ms~$ job list 3004
   "request_id": "xzXKj9_k45x28lN",
  "room_id": "3004",
  "account_id": "3004-1",
   "status": "N",
   "request_type": "amenity",
   "request code": "449",
   "request_name": "Comb",
   "request description": {
    "count": 4
   "request id": "4YuB0w20GQacGVE9",
  "room_id": "3004",
  "account_id": "3004-1",
"status": "F",
   "request_type": "amenity",
   "request code": "451",
  "request_name": "Dental Kit",
   "request_description": {
    "count": 1
   "request_id": "BIdoUg-oxDAn9oR9",
   "room id": "3004",
   "account_id": "3004-1",
   "status": "N",
   "request_type": "amenity",
   "request code": "552",
   "request_name": "Shampoo",
   "request_description": {
    "count": 2
```





Guest Service (QMS Feature)

Add a service on the list.

Servicelist set [code] [name] [type] servicelist set 111 "Soap" "amenity"

```
ms~$ servicelist set 111 "Soap" "amenity"
  "subscriptionId": 1,
  "request": {
     "type": "service",
    "services": [
         "code": "449",
         "type": "amenity",
         "name": "Comb"
         "code": "451",
         "type": "amenity",
         "name": "Dental Kit"
         "code": "111",
"isTransportation": 0,
"isWakeupCall": 0,
         "name": "Soap",
                                         service added: SOAP
          "type": "amenity",
         "description": {
           "price": "",
"display": ""
         "group": ""
     "pcnUri": "<u>https://pro9l1z4166tucap3tjbmpsvq.lqprocentric.com</u>:60080"
  "response": {
    "statusCode": 200,
     "statusMessage": "success"
```

