

MANTRA MFS110 REGISTERED DEVICE SERVICE

WINDOWS

MANTRA SOFTECH INDIA PVT LTD

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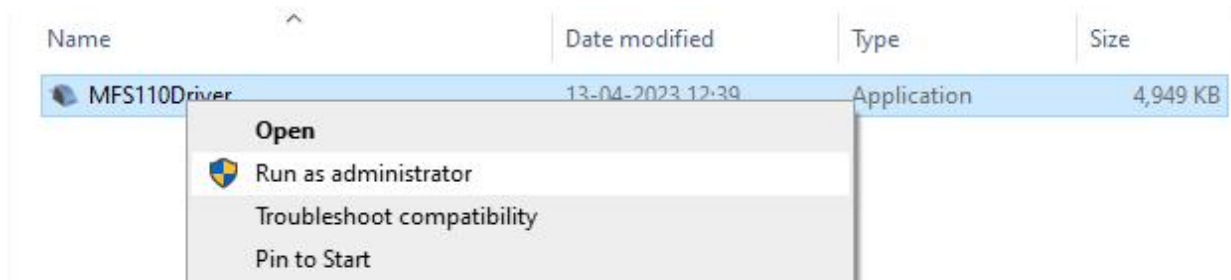
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1. Mantra MFS110 Driver Setup Installation.

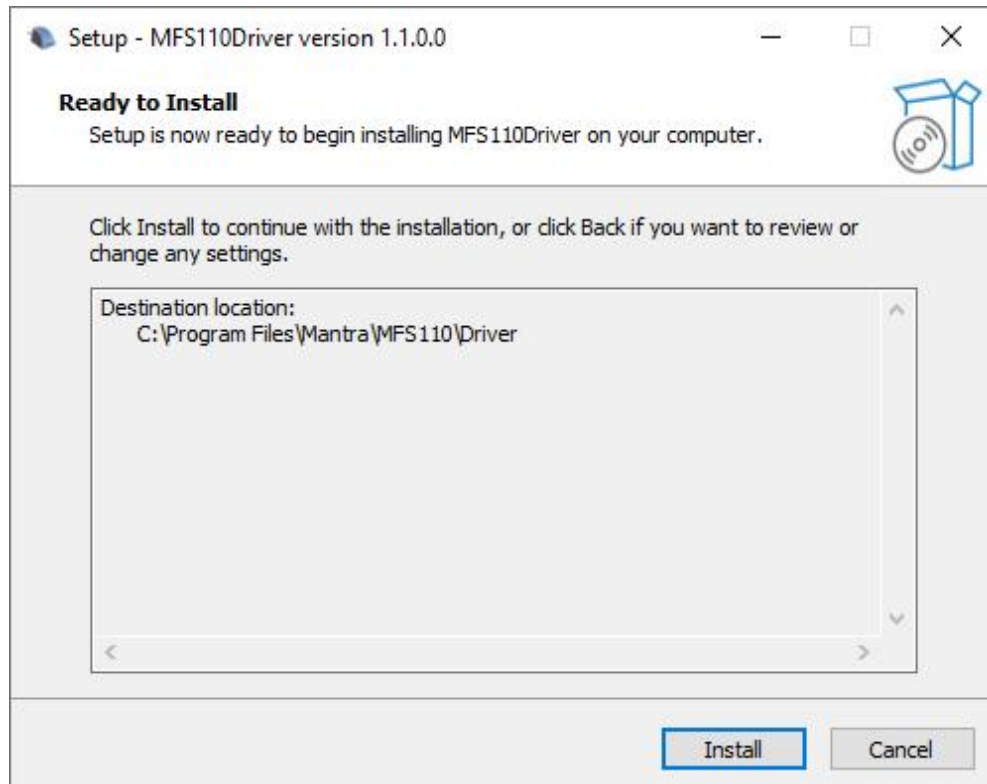
1. Start installation:

Right click on setup file and select “Run as administrator”.

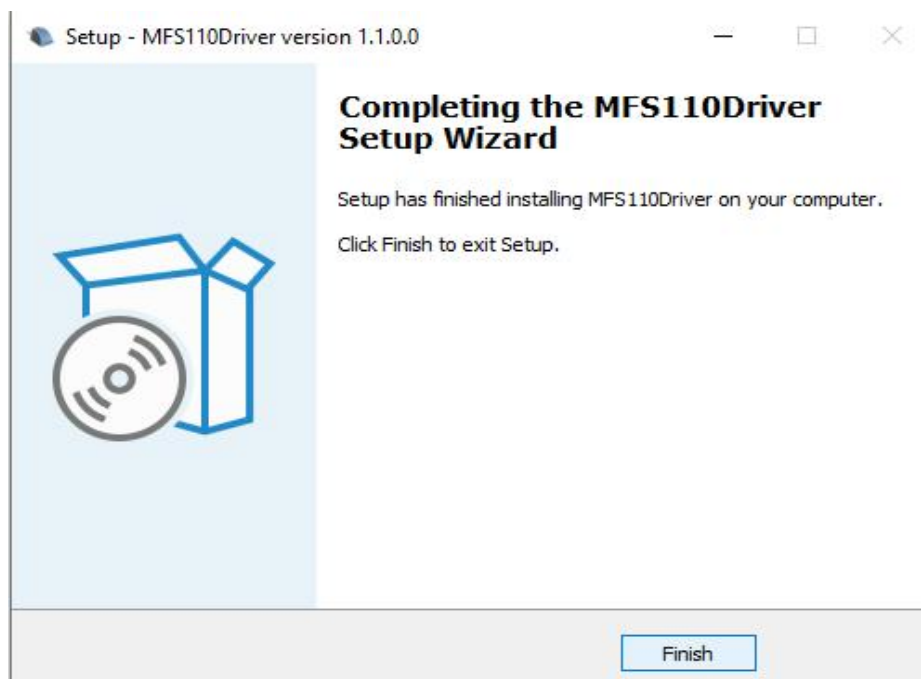
Note: To install MFS110 scanner drivers and necessary service, setup need to access system32 folder. In this case setup need administrator privileges.



2. Welcome Wizard and Destination Location:



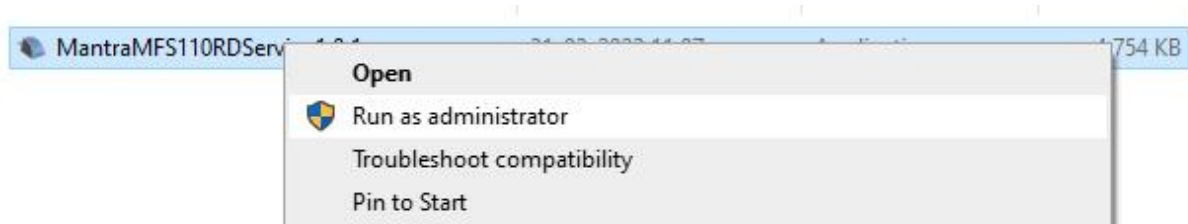
3. Finish Driver Installation



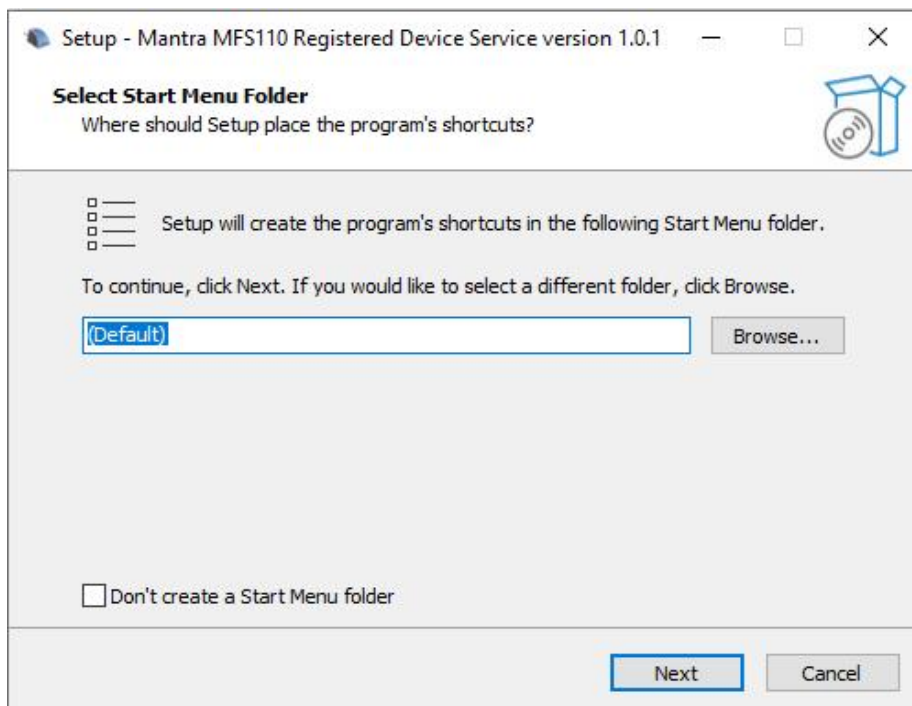
2. Mantra MFS110 RD Service Installation.

1. Start installation:

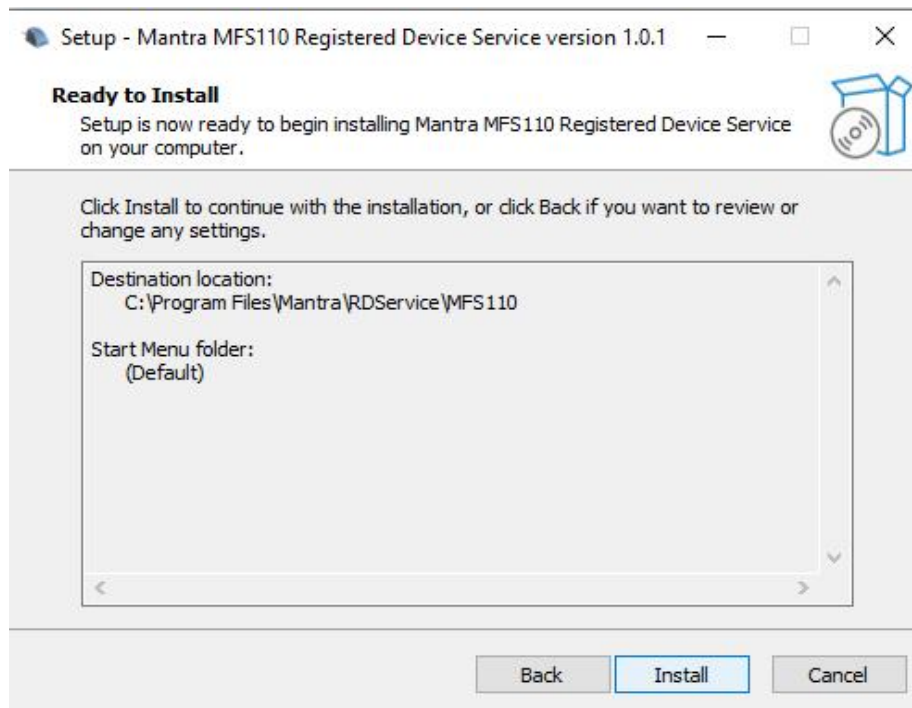
- Right click on setup file and select “Run as administrator”.
- **Note: To install Mantra MFS110 RD Service, setup needs administrator privileges.**



2. Welcome Wizard:



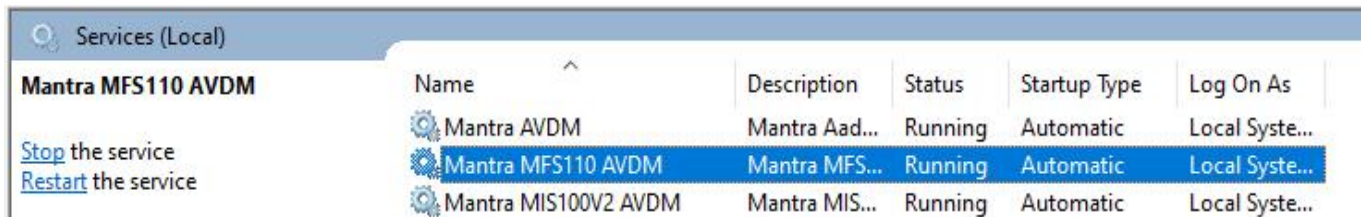
3. Destination Location:



4. Finish RD Service Installation:



- After installation of RD Service, it can be found under Services form “Control Panel\All Control Panel Items\Administrative Tools”.



5. L1 Registered Device (MFS110 Registered Device)

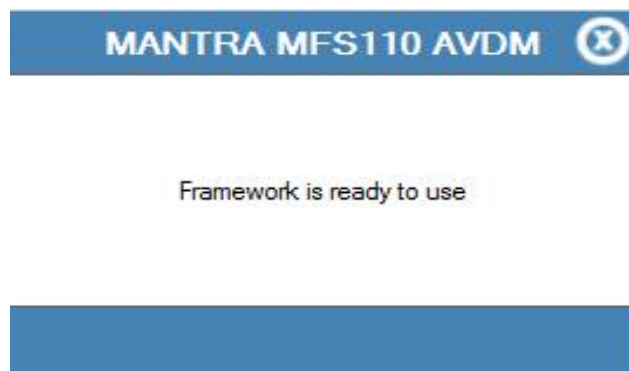
- When RD Service will detect device then it will convert it into registered device and user will be notified with success response by RD Service.
- After that you need to unplug and plug your device.



- If your device is not listed at Mantra Management Server than user will be notified with below message so in this case you need to contact with our Servico Team at <http://servico.mantratecapp.com> Or **+91-79-49068000**.

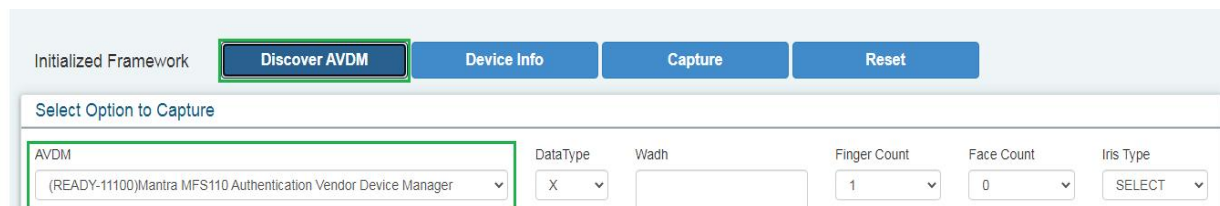


- Once registered MFS110 device will be plugged to the system, RD service will detect it automatically and validate it on Mantra's Management Server.
- Once validation completed then it will generate below popup for user information.



6. RD Service Test Application

- 1) **HTTP** : <http://rdtest.aadhaardevice.com/>
 - 2) **HTTPS** : <https://rdtest.aadhaardevice.com/> (Test in https URL if your website is in https)
- By running RD Service Test application, user can detect Mantra RD Services installed in the system.



- User can get Device Information which is connected to its system.

Initialized Framework Discover AVDM **Device Info** Capture Reset

Select Option to Capture

AVDM: (READY-11100)Mantra MFS110 Authentication Vendor Device Manager

DataType: X

Wash: []

Finger Count: 1

Face Count: 0

Iris Type: SELECT

Timeout: 10000

Pid/Ver: 2.0

Env: PP

Client Key: Enter text

Iris Count: 0

Finger Type: FMR

Face Type: SELECT

PTimeout: 20000

PGCount: 2

OTP: Enter text

AVDM / Device Info

```
<?xml version="1.0"?>
<DeviceInfo dpld="MANTRA.MSIPL" rdsId="RENESAS.MANTRA.001" rdsVer="1.0.0" mi="MFS110"
mc="MIIDzTCCArWgAwIBAgIJAwMEE4NjAwDQYJKoZlhcNAQELBQAwwZsHZAAdBgqhkiG9w0BCQWEHJKQg1hbnRyYXRiYj20FJAUBgNVBAMTDU
1TSVBMiEwxIFBPQzExCzAUBGNVBAStAKIUMSUwIwYDQQKEoxNYW50cmEgU29mdGvjaCBjbmRpbSBQdnQgTHRKRiRwEAYDQQHEwIBaG1IZGFYVWQ
xCzAUBgNVBAGTAKdKMqswCQYDQQGEwJTTAeFw0yMTA0MTUwNDQwMDRafW0yMTA1MTQxMTEyNTBmIGwMSQwIwYJKoZlhcNAQkBFHvzdXBw3J
```

Pid Options

➤ By calling capture function of RD service, user can capture biometric data.

Initialized Framework Discover AVDM Device Info **Capture** Reset

Select Option to Capture

AVDM: (READY-11100)Mantra MFS110 Authentication Vendor Device Manager

DataType: X

Wash: []

Finger Count: 1

Face Count: 0

Iris Type: SELECT

Timeout: 10000

Pid/Ver: 2.0

Env: PP

Client Key: Enter text

Iris Count: 0

Finger Type: FMR

Face Type: SELECT

PTimeout: 20000

PGCount: 2

OTP: Enter text

AVDM / Device Info

```
<?xml version="1.0"?>
<DeviceInfo dpld="MANTRA.MSIPL" rdsId="RENESAS.MANTRA.001" rdsVer="1.0.0" mi="MFS110"
mc="MIIDzTCCArWgAwIBAgIJAwMEE4NjAwDQYJKoZlhcNAQELBQAwwZsHZAAdBgqhkiG9w0BCQWEHJKQg1hbnRyYXRiYj20FJAUBgNVBAMTDU
1TSVBMiEwxIFBPQzExCzAUBGNVBAStAKIUMSUwIwYDQQKEoxNYW50cmEgU29mdGvjaCBjbmRpbSBQdnQgTHRKRiRwEAYDQQHEwIBaG1IZGFYVWQ
xCzAUBgNVBAGTAKdKMqswCQYDQQGEwJTTAeFw0yMTA0MTUwNDQwMDRafW0yMTA1MTQxMTEyNTBmIGwMSQwIwYJKoZlhcNAQkBFHvzdXBw3J
```

Pid Options

```
<?xml version="1.0"?> <PidOptions ver="1.0"?> <Opts fCounts="1"
fType="0" iCounts="0" pCounts="0" pgCounts="2" format="0"
pidVer="2.0" timeout="10000" pTimeout="20000" posh="UNKNOWN"
env="PP" /> <CustOpts> <Param name="mantrakey" value="" />
</CustOpts> </PidOptions>
```

Pid Data

```
<?xml version="1.0"?>
<PidData>
<Resp errCode="0" errInfo="Success." fCounts="1" fType="0" nmPoints="42" qScore="100" />
<DeviceInfo dpld="MANTRA.MSIPL" rdsId="RENESAS.MANTRA.001" rdsVer="1.0.0" mi="MFS110"
mc="MIIDzTCCArWgAwIBAgIJAwMEE4NjAwDQYJKoZlhcNAQELBQAwwZsHZAAdBgqhkiG9w0BCQWEHJKQg1hbnRyYXRiYj20FJAUBgNVBAMTDU
1TSVBMiEwxIFBPQzExCzAUBGNVBAStAKIUMSUwIwYDQQKEoxNYW50cmEgU29mdGvjaCBjbmRpbSBQdnQgTHRKRiRwEAYDQQHEwIBaG1IZGFYVWQ
xCzAUBgNVBAGTAKdKMqswCQYDQQGEwJTTAeFw0yMTA0MTUwNDQwMDRafW0yMTA1MTQxMTEyNTBmIGwMSQwIwYJKoZlhcNAQkBFHvzdXBw3J
```

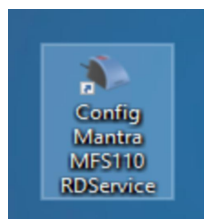
Mantra Management Server

- It is necessary that RD service installed in client machine must interact with Mantra's Management Server.
- For that, client machine must access the domain <https://aadhaardevice.com> and it's all sub-domains.

7. Proxy Setting

Proxy in Network (if proxy is required to connect internet)

- After installation of RD Service below Application – **Config Mantra MFS110 RDService** shortcut will be available on 'desktop' as well as in 'All Programs'.



Configure Mantra MFS110 RD Service

Proxy Settings

Proxy Server : Proxy Port :

Keep blank UserName & Password if Proxy Authentication is not required.

User Name Password

Select Certificate Format :

- Enter Username and Password if Proxy Authentication is required otherwise keep as Blank.
- On “OK” Message of Test Proxy, click on **Save Proxy**.
- You need to “**Unplug and Plug**” device so RD Service will take that proxy setting to communicate “Mantra Management Server”.

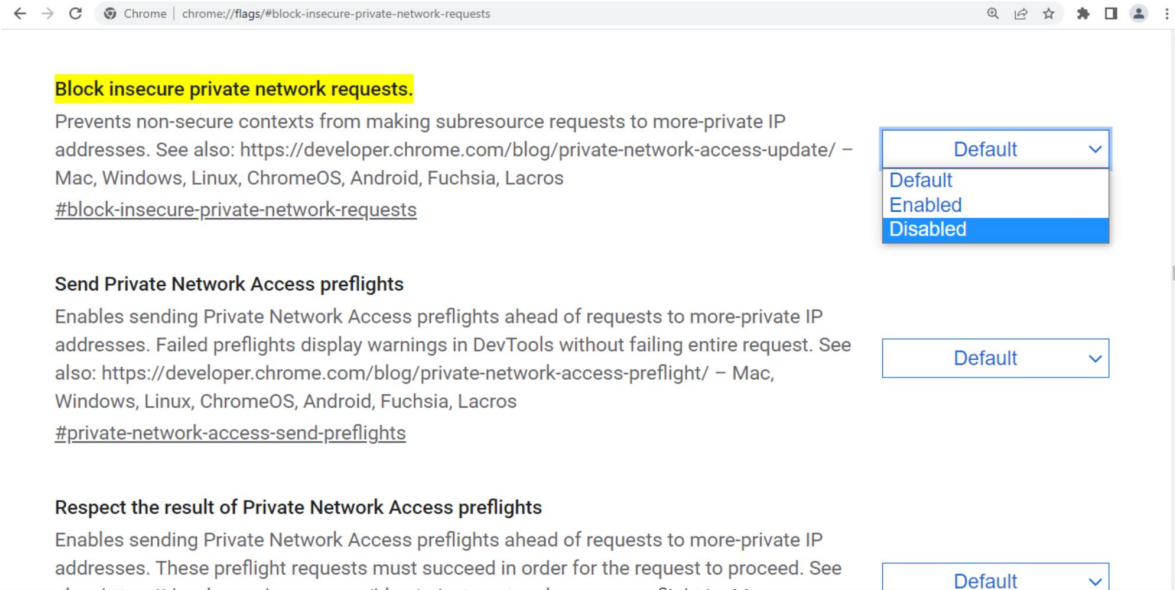
8. Browser Configuration for Web RD Test

Note: Only incase you are using the <https://rdtest.aadhaardevice.com/> link otherwise skip this step.

1) Chrome

Optional: To request on HTTP → Change flag → '**Block insecure private network requests**' on web browser from '**chrome://flags/#block-insecure-private-network-requests**' URL address. → Change flag to **DISABLED** status.

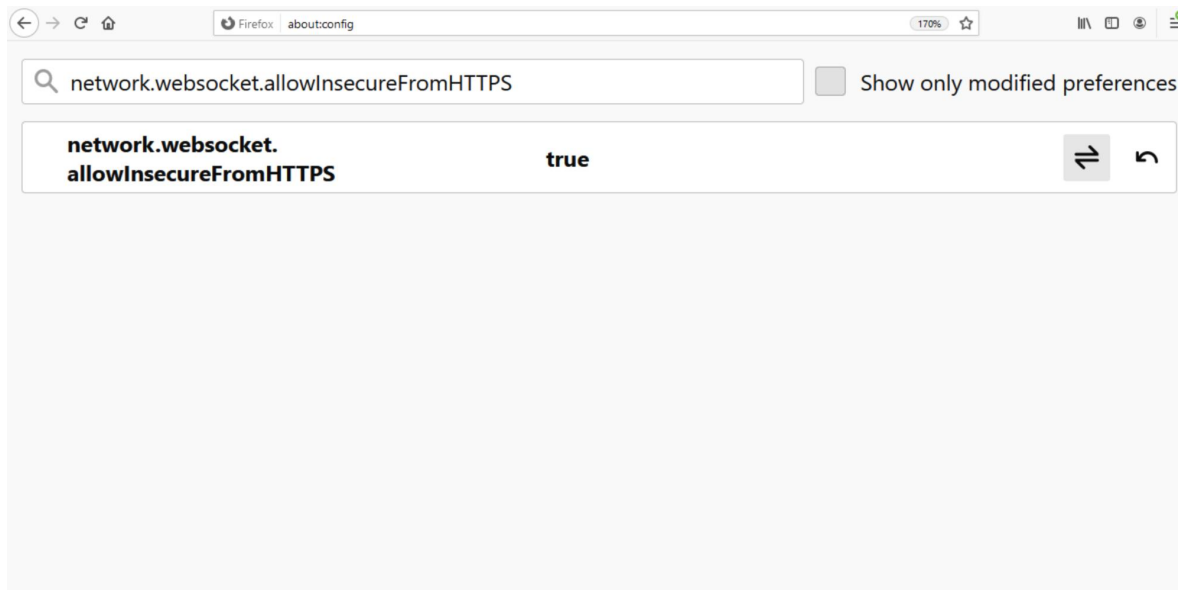
https://127.0.0.1:11100 (Port will be from 11100 to 11120)



2) Firefox

Optional: To request on HTTP → Change flag - 'Block insecure private network requests' on web browser from 'about:config' → 'network.websocket.allowInsecureFromHTTPS' URL address. → Change flag to TRUE status.

https://127.0.0.1:11100 (Port will be from 11100 to 11120)



9. Device Registration on Management Server

To list device pre-production or production, send serial number of device to servico@mantratec.com
079-49068000(Ex-1)

10. Technical Support

Mantra Support Team
079-49068000(Ex-1)
servico@mantratec.com
This information can be shared with your clients or end user for any kind of technical support.

11. Dev Support

Mantra Support Team
devsupport@mantratec.com
This information can be shared with your clients or end user for any kind of technical support.