



Pushing Performance

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API Guide

MICA Debian Buster Container 2.5.0

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1 Overview

The Debian Buster Container based on Debian/GNU Linux 10. It is a lightweight development container providing apt package management

2 Remote Access

You can access the container from Windows™ via putty

```
putty root@containername-micaname
```

You can access the container from Linux™ via ssh client

```
ssh root@containername-micaname.local
```

You should change the default password (root)

3 APT Settings

By default APT is able to use apt.local as proxy defined in

```
/etc/apt/apt.conf.d/99proxy
```

Your local APT proxy should publish this name via mDNS

To enable the proxy, you have to uncomment the APT proxy entry in this file with the default editor (nano)

By default APT is using httpredir.debian.org as Debian™ mirror defined in

```
/etc/apt/sources.list
```

Change this file, if you want to use another mirror

4 Software Installation

Before you are able to install software you have to fetch the current packages lists from Debian™ mirror with

```
apt update
```

Repeat this step periodically to ensure that you have the latest packages lists

You can install each package that is available in the Debian™ distribution

Maybe you want to install openssh-client to use sftp for secure file transfer

```
apt install openssh-client
```

Be aware that not every package makes sense on this device

5 Customization

You will find the container icons under

```
/META/web_icons
```

You have to modify the container details

```
/META/about.json
```

The default web pages are under

```
/var/www
```

By default this container only includes a simple script to provide some base files

```
/usr/bin/httpd.sh
```

Please install a tiny web server to provide your own site i.e.

```
apt install lighttpd
```

You should clean the APT cache and removes the packages lists after preparation

```
apt clean
```

```
rm
```

```
/var/lib/apt/lists/httpredir.debian.org_debian_dists_buster_*
```

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