

# OptimaSaverPi

## User Guide

*January 2017*

*Version 1.0*

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# What is OptimaSaverPi

( xZZ{b` yfffAaZ`5u{tk M@fZx'AZMk` uxZYZI {b` `tn| {aZbxjMZY{` xn| | XUxZMib` `uxnX| V{, aB/a` , bj`UxZMl` {aZ`VaM`b` n`\_Vny{jt`< t` |` 2 nl bnxXZuZI XZI Vt`\_nx`nuZxMib` `tn| x`yZ{| u`MIX, Z`Vj` b` **OptimaSaverPi**<sup>a</sup>

## Why OptimaSaverPi

- ★ 1n, `un, Zx`Vnl y| k u{bml `j`Y`a`a` `SàGÀ`
- ★ <x`bZ`jZyy`{aMl` BÙÓ`
- ★ @%`n`\_M` xZXb`f` Mx`a`
- ★ `jj`Mx`fM`{MZ`n`\_<f` t`M`YZX`5u{tk M@fZx`a`
- ★ @xnl` `Zx`{aMl` `xn|` {Zx`UMYZX`ynj|` {bml` `j`?` 2 S!` <B`S`E`M`I`X, bX`{a`5u{tk` b`M`l`ml` SA| | | Zjb` `M`Z` k` | Va`UZ`{{Zx`a`ZxZÀ`
- ★ 3n`X`byjM`tk` nl` bnxl` ZZXZX`{n`x| |` {aZ`yZ`{| u`a`
- ★ " M`j`f` `unx`{M`jZ`a`

## Requirement

### System Requirement

1. Raspberry Pi 3, model B with 2.5A, 5V USB Power Supply Adapter & microUSB cable.
2. microSD Card , 8GB (min) , class 10.
3. Clear Raspberry Pi 3 Casing.(optional)
4. 2 Heat Sinks. (optional)

### Installation Requirement(First time)

1. PC with monitor
2. USB Card Reader(microSD) / Adapter.
3. Router with internet.

## System Preparation Gist

1. Insert microSD card into USB Card Reader, then insert the USB Card Reader into PC. Then format the microSD card with “SD Formatter”, link [HERE](#).
2. Download the OptimaSaverPi image zip file from [HERE](#) & unzip it, then burn the OptimaSaverPi image into microSD card with “Win32DiskImager”, link [HERE](#).
3. Insert the microSD into OptimaSaverPi machine’s microSD card slot.
4. Connect the microUSB cable from power adapter to microUSB port of the OptimaSaverPi machine.
5. Connect the PC, OptimaSaverPi, Gateway(lan) under same router via lan.
6. Get the MAC address of OptimaSaverPi and IP of Gateway for further configuration from DHCP client list of router management page.
7. Get an IP from our SALES team and config your Client Panel.

Now we will explain these steps in details later One by One.

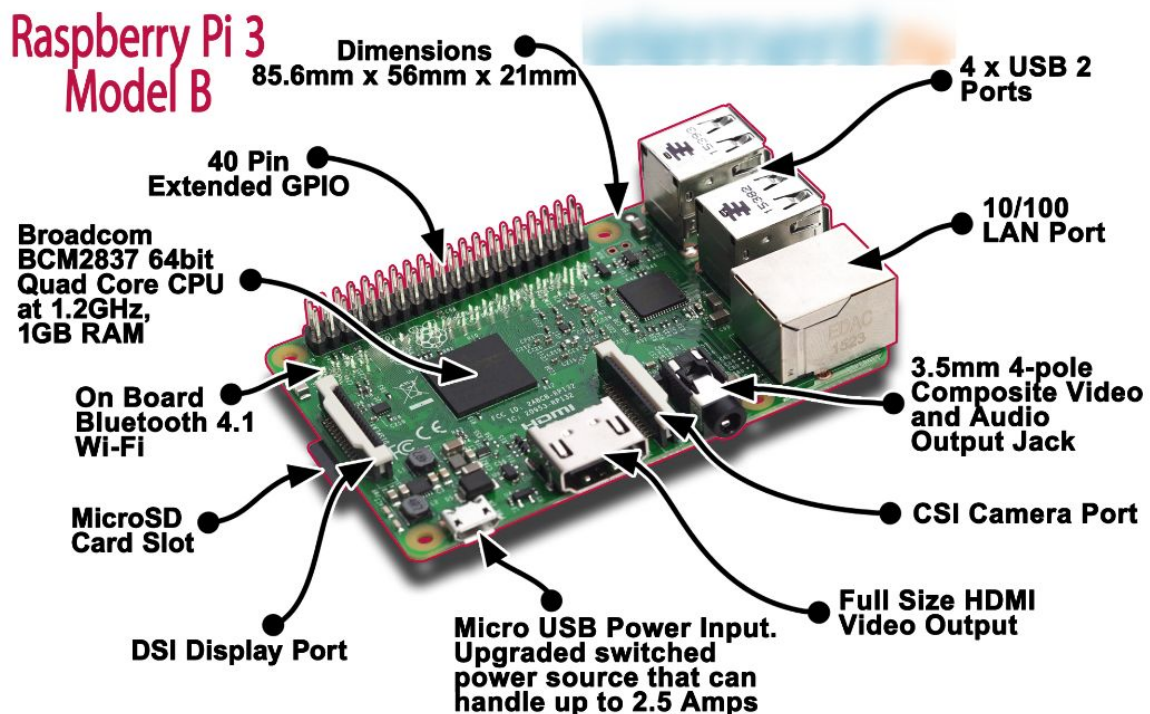


Figure: Raspberry P3i machine.

## Setup Details

° ° | bXZ{n'yZ{{b` | u'tn| x' **OptimaSaverPi**

" @d 3A\* 1'¿ 5?' (" 3" ?° 1'B@À

- ž ZfVZ'
  - nu{tk Mub<SGZxytl 'PŠ2 nXZj'É xZVnk k ZI XZX<sup>a</sup>
- k bXn@ 't MX'
  - H Z'xZVnk k ZI X'a(É § 1° @@ÜÜ' **microSD Card** 'fZxytl 'PŠk nXZj'ÉÀ
  - AaZ'VMX'VMjy'XZ{Zxk b Zy' {aZ'y| y{M ZX', xZ'yuZZX'\_nx' {aZ'VMX''MMjMy' B'VMX', bj'UZ' MjZ' {n', xZ' M' B2 ÉpyS, aZxZM' MMjMy' ÜÜ' yan| jX'UZ' MjZ' {n' M{M' ÜÜ' 2 Épy<sup>a</sup>
  - AaZ'5u{tk MfZx<bxZw| bZy'k bXn@ 'VMXyS, abVa'VM'UZ' |yZX', b'a MU| b{1b '@' VMX'xZMXZ'nx' B@ @ 'VMX'xZMXZ' \_nx' tk MZ'U| xl b' `uxnVZyy\_ \_nxk' < t<sup>a</sup>
  - 2 MZ'y| xZ' tn| 'MZ' | yb` 'M ZI | b Z'k bXn@ 'VMX<sup>a</sup> AaZxZ' MZ' k Ml' VaZM' k bXn@ 'VMXy' MfMjZ', abVa'VMX'yuWZ' MZ' MW| Mj' t' yk MjZx' {aM' M' fZx{byZX'nx', abVa', bj' l n{ jMy' fZxt' jnl' `<sup>a</sup>
- " {aZxl Z{ j| Z{, nxi ÀVMjZ'
  - ° l " {aZxl Z{ 'VMjZ' by' | yZX' {n' Vhl | ZV{ 'tn| x'5u{tk MfZx<b{n' Mj nVMjI Z{, nxi 'MIX' {aZ' b {Zxl Z{ {axn| `a' Mkn| {Zx'iy, bVa<sup>a</sup>
  - @an| jX' | yZ' Ml' t' xn| {Zx', abVa' k | y{ 'UZ' Vhl \_b | xZX' My' ž) t < \_nx' Xby{xw| {b` b {Zxl Z{ fVMZ{aZxl Z{<sup>a\*</sup> 'tn| 'nl Z', Ml' y{ n' | yZ'y, bVaS{aZl | n' | xy| uunx{ {ZM' k M' Vhl \_b | xZ' {aZ' b' k Ml' Mj' t<sup>a</sup>
- <n, Zx'y| uujt'
  - AaZ'5u{tk MfZx<by'un, ZxZX'Ut' Mk bXnB@ 'un, Zx'y| uujt', abVa'VM' y| uujt' M' jZM' {Y<sup>a</sup>° M' àG'\_nx' {aZ' k nXZj' fZxytl 'P<sup>a</sup>

5<A\*53° 1'

- OZtUnMX'MIX'k n| yZ'
  - ° l t' y{ Ml' XMX' B@ i ZtUnMX'MIX'k n| yZ', bj', nxi', b'a 'tn| x'5u{tk MfZx<b' t 533" t A\*G\*AJ'
  - Jn| 'k M' Vhl | ZV{ {axn| `a' P( '2 nXZk µ1° 3 µH 1° 3', b'a'5u{tk MfZx<bk Mwb Z' \_nx' b {Zxl Z{ 'Vhl | ZV{ b' t<sup>a</sup> ' nx', b'p', jM' Vhl | ZV{ b' t' S tn| 'aM'Z' {n' i l nV' n| x' y| uunx{ \_nx' k Ml' Mj' Vhl \_b | xM' lnl' <sup>a</sup>

) ZxZ'H Z', bjj` | bXZ'tn| {aZ'b y{NjM|bnl 'uxnVZX| xZ'n\_5u{bk MAFZx<b5@b {n'k bXn@ 'VMX'a'

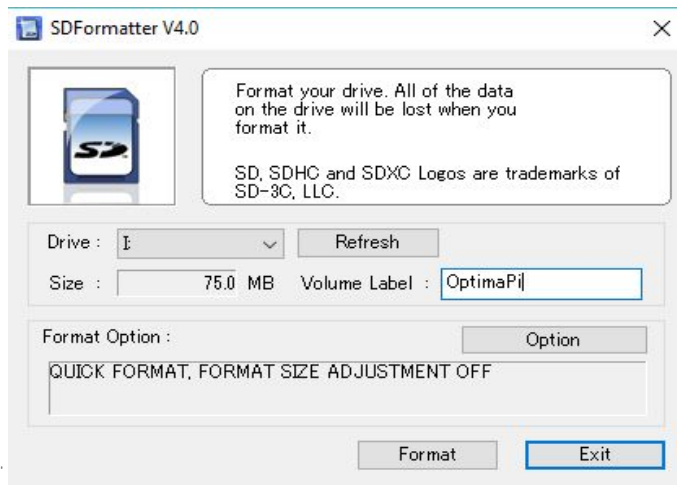
## Formatting the microSD Card

H Z'xZVnk k ZI X' {n' n'k M' {aZ'k bXn@ 'f MX'a' \* 'ynk Z' VMjZy' {n' xZ' | yZ' Mk bXn@ 'VMX' tn| ' k b'a { \_b X' {aZ' | yNjZ' VMuMq' t' by jZyy {aM' 'tn| ', ZxZ' Z.uZV{b ` a' Aaby VM' UZ' X| Z {n' uM{q|bnl y' uxZ'fn| yjt' Vhl \_b | xZ' M' X' ynk Z' \_n'k M'®| {bqZyVM' f' xZk n'fZ {aZk 'a' 5u{bk MAFZx<b uxZ'fn| yjt' | yZ' \$' bXn@ 'VMXy', bjj' n\_{Zl' 'nl jt' MuZM' {n' aM'Z' MVMuMq' t' n\_ aa2 t' b', b Xn, y'U| {aM' byUZVM|yZ' q' VM' f' yZZ {aZ'k | Va jM' Zx'1b | ..uM{q|bnl 'a'

\* 'nxXZx' {n' Zl' y| xZ' tn| x'k bXn@ 'VMXy' MZ' Vnk ujZ{Zjt' UjMi' 'M' X'aM' y' l' n' uM{q|bnl y' {aM' k M' UZ' abXXZI' \_xnk 'H b Xn, yS, Z' Nj, M' y' xZVnk k ZI X' {n' ZxM' yZ' q', b'a' -@ ' n'k M' {Zx'®nl' 'tn| x'< ' \_by{a' Aaby' M' {nnj' VxZM' ZX' Ut' {aZ' @ ' yynVM|bnl 'a' z' n, l' jnM' {aZ' b y{NjZ' x' \_xnk' ) " ? " \_nx'H b Xn, y'a

s{Zu'Ü° ? | I'

\* yZx' {tn| x'k bXn@ 'VMX' M' X' x| l' {aZ' @ ' n'k M' {Zx' Mu j b M|bnl '©

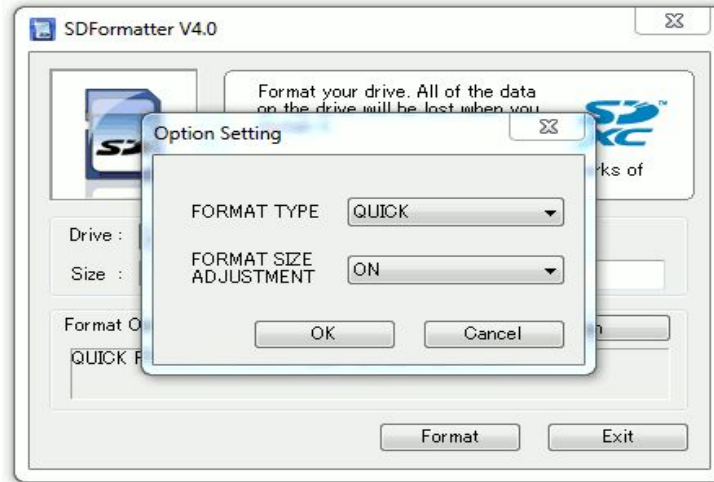


3# © ZxZ {aZ' VMX' k M' n| jt' MuZM' y' {n' aM'Z' MVMuMq' t' n\_ aa2 t' XZyubZ' UZ'b ` Mä( t' VMX'

ž n| UjZ' VaZM' {aZ' XxbZ' jZ{{Zx'a' AaZI' VaZM' q' MMB' a' Jn| 'Xn' l' n{, M' {n' \_n'k M' M' n{aZx' XZ' f' bZ' Ut' MWXZI' {E

s{Zu'Ý° "" I MjZ' @%° Xh' y{k ZI {'

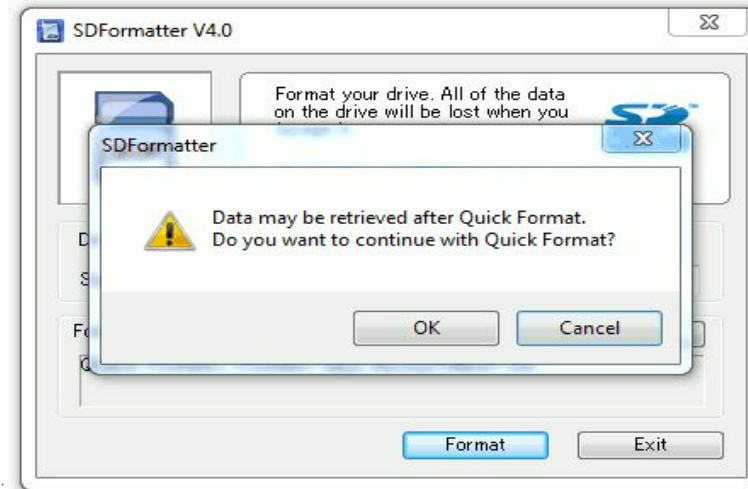
° y', Z' MZ' yuZVb' Mj' t' b {ZxZy{ZX' b' xZy{nxb' ` {aZ' {x| Z' VMuMq' t' n\_{aZ' VMX' VjM' -5u{bnl '® M' X''



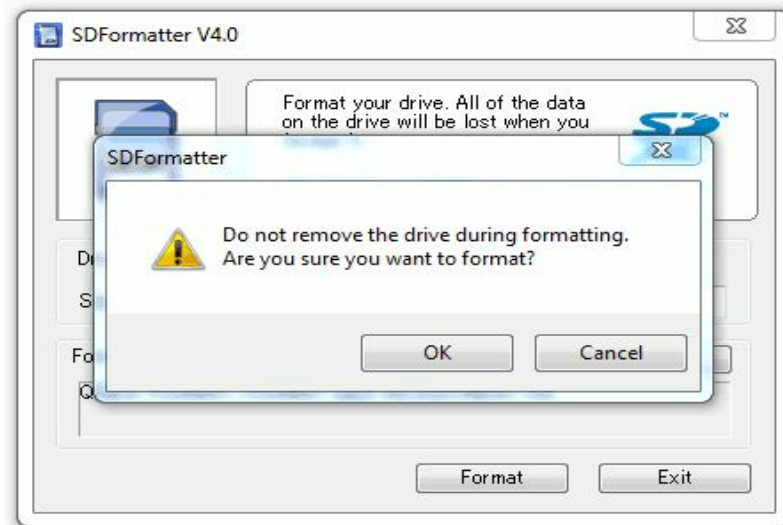
{ | x l ' - ' n x k M ' @ % ° X h y { k Z l { @ { n ' - 5 3 @ s l j b M ' - 5 0 @

S { Z u ' P ° " n x k M '

† j b M ' - ' n x k M ' @ { n ' y { M { { a Z ' u x n V Z y y a



† j b M ' - 5 0 @ { n ' u x n V Z Z X a

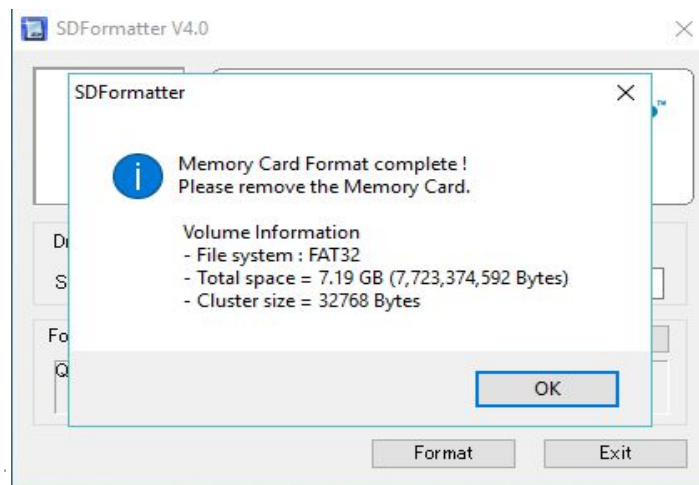


† jM -50@{n'uxnVZZX<sup>a</sup>

AaZ'uxnVZyy'yan|jX'y{M{M'X'q'yan|jX'nl jt' {MZ'M\_Z, 'yZVnl Xy<sup>a</sup>

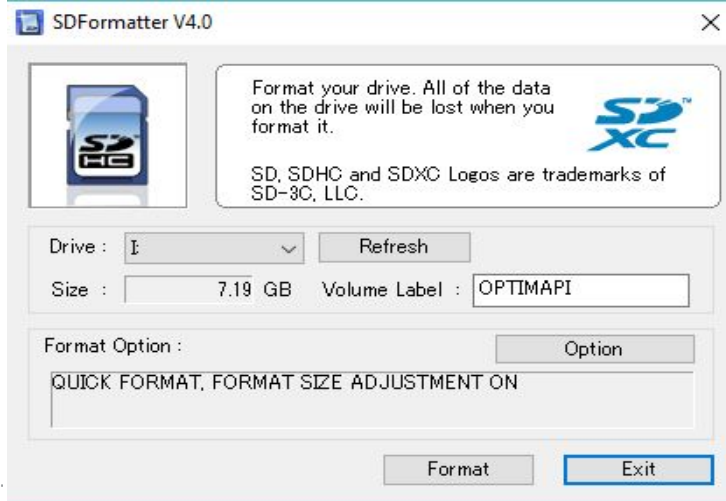
S{Zu'β° " b'ya'

H aZl '{aZ'uxnVZyy' b'yaZy'q', bjj'uxn'fXZ'My| k k M't'n\_{aZ'VMXy'VMiMq†<sup>a</sup>



\*' n|x' Z.Mk ujZ' {aZ' ā( Ł' VMX' aMy' MVMiMq†' n\_â<sup>a</sup>Üä( Ł', ab/a' yn| I Xy' xb a{<sup>a</sup> † Zx{Mj jt' M' b' uxnfZk Zl {nl '{aZ'âà2 Ł' {aM' MiuZMZX'UZ\_nxZ<sup>a</sup>





Jn| VM| n, VjM| -" .b@ " hZV{ tn| xk bxn@ VMX| Ny| nxk MjP

3n, tn| MZ' xZMx{ n' y{Nj| Ml Z, '5u{tk MjZx<btk MZ' {n' b', abva by Z.ujM Zx' b' {aZ' l Z. { yZ' k Zl {a'

## Installing OptimaSaverPi Image

Aaby xZyn| xVZ', huj Z.ujM| an, {n' b' y{Nj| M5u{tk MjZx<bnuZxM| b' yty{Zk' tk MZ' b' Mk bxn@ VMX' Jn| , huj l ZZX' MuV', ba' M| @ VMX' xZMxZx' U| bX' b' nx' tn| 'k M' | yZ' B@ @ VMX' xZMxZx' , abva by MjMjZ' b' {aZ' k Mx' Z{S' {n', xqZ' {aZ' tk MZ' a'

### Downloading the Image:

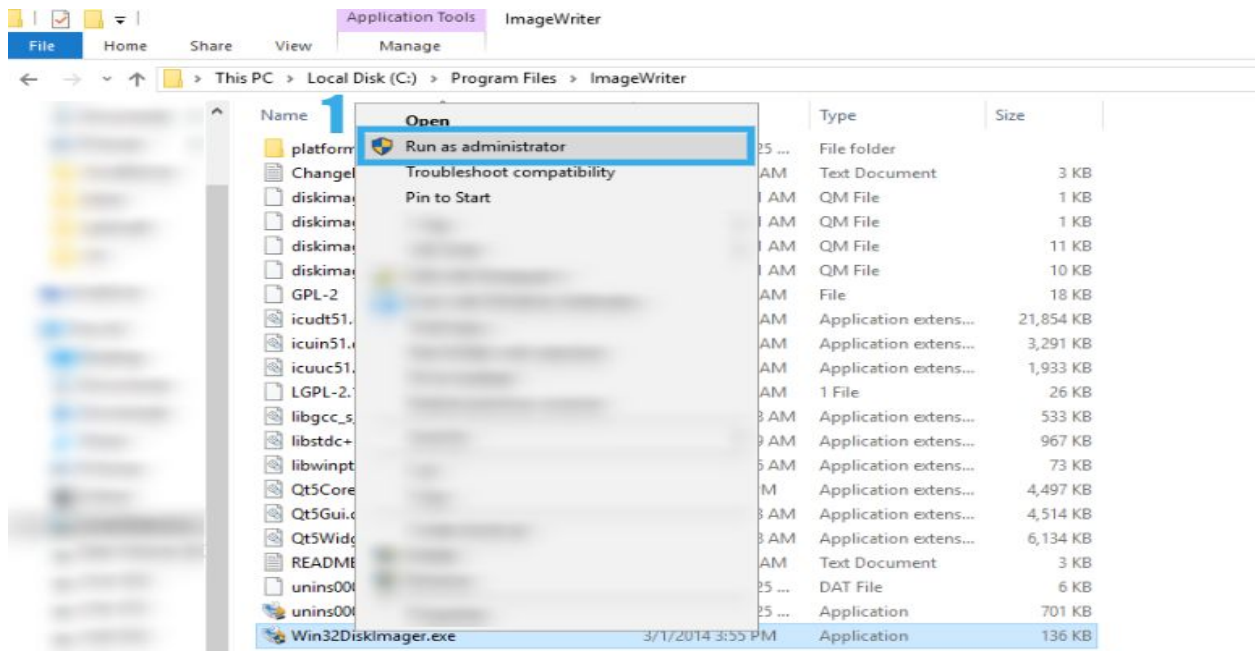
5\_ bny| tk MZ' n\_ 5u{tk MjZx<b by MjMjZ' {n' Xn, l jnMx' \_xnk' ) "?" a' ByZ' LkVnk Z{ \_nx' Xn, l jnMx' b' {aZ' tk MZ' , abva' , huj VaZM' 2 ž à VaZM' y| k' {n' Zl y| xZ' {aZ' tk MZ' aMj' UZZl' Xn, l jnMxZx', ba' l n' XM| Mjny' a'

° {Zx' Xn, l jnMx' b' {aZ' %b' hZSxb a{ VjM| b' {aZ' %b' hZ' Ml X' VjM| Z. {xMx' Nj| {n| l %b' {n' Z{ {aZ' tk MZ' hZ' ž' à \_nx', xqZ' b' {n' tn| xk bxn@ VMX' a' Aaby' | l %b' ub' ' uxnVZX| xZ' k M' {Ml Z' U' k b' k M. tk | k' a' Jn| 'k M' | yZ' M| t' {abX' uMx' t' MjMjM| b' {n| l %b' S| b' Z' ca' %b' ž' PÝ' Lk' nx' aB' Lk' A'

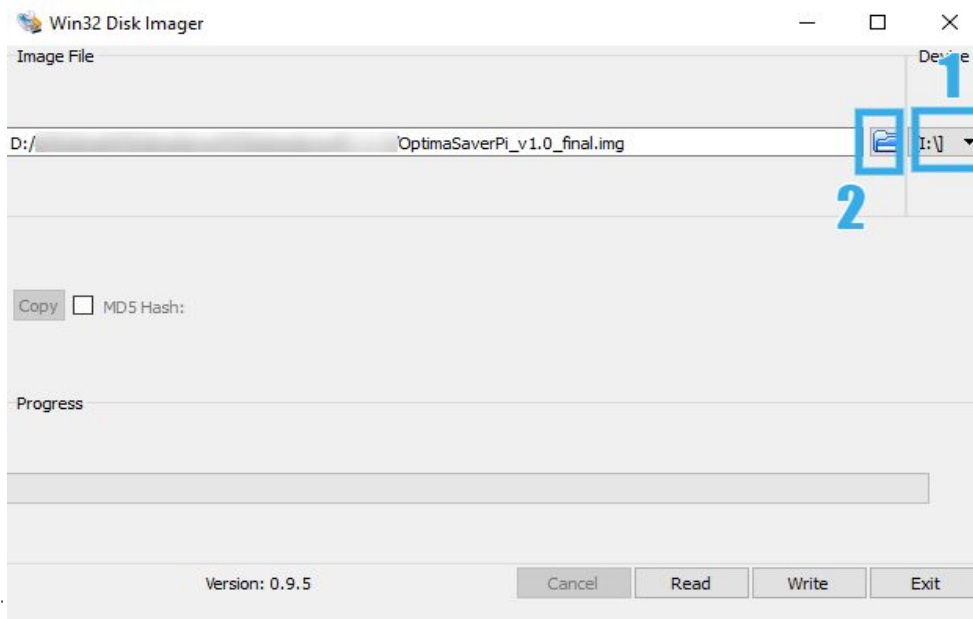
### Writing an image to the microSD card:

H ba' {aZ' tk MZ' hZ' n\_ {aZ' Xb' {xU| {b| n' tn| x' VanbVZStn| l ZZX' {n' | yZ' Ml tk MZ' , xqZ' b' {nnj' {n' b' y{Nj| b' nl' tn| xk bxn@ VMX' a' Z' n| x' | bZ' \_nx' tn| x' yty{Zk' , ba' , b' Xn, y' UZjn, ©

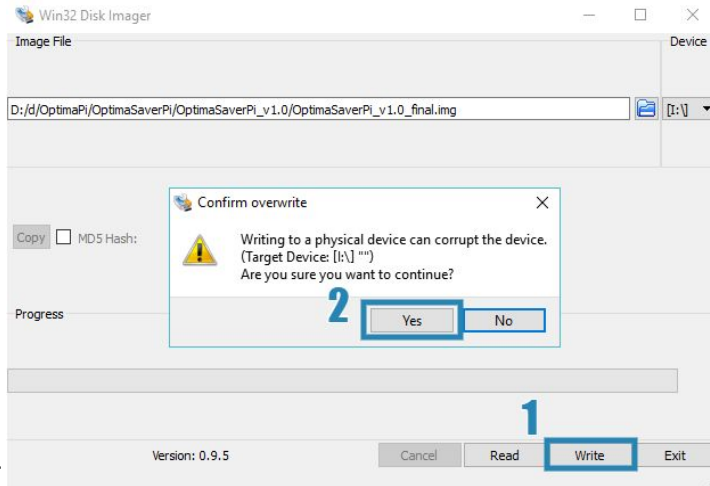
- yZx{ {aZ' k bxn@ VMX' b' {n' tn| x' @ VMX' xZMxZx' Ml X' VaZM' , abva' XxbZ' jZ{ {Zx' , Ny' Mjy| b' l Zx' \_xnk' , b' Xn, yZ.ujnxZx' VMZ' \_jjt' a'
- ž n, l jnMx' {aZ' H b' PÝž by' k' MZx' Z. Z' | {bq' t' \_xnk' {aZ' ) "?" Ml X' b' y{Nj| b' a'



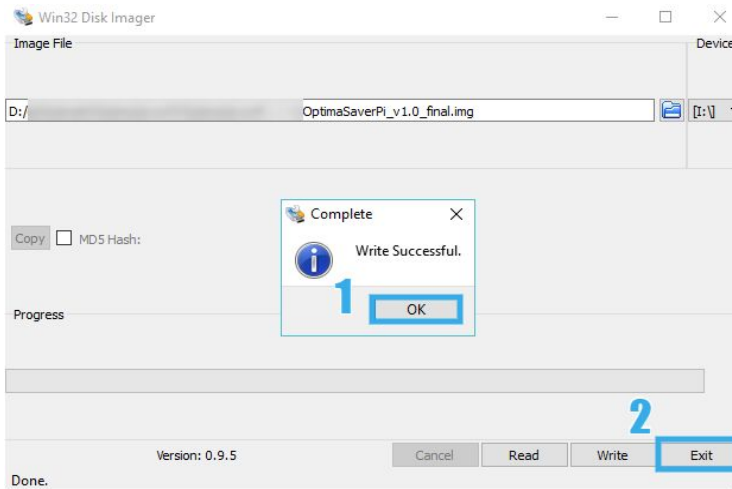
- ?|I {aZ`H b PÝž byi \*k MZx`Z.ZV| {MjZ| | {bqf`tn| k M`I ZZX`{n`x|I {aby`Ny`Nk b by{xMInx`a` ?ba{VjM`nl {aZ`\_bZSM`X`yZjZV{ ?|I `Ny`Nk b by{xMInx`UA`



- @jZV{ {aZ`XxbZ`jZ{{Zx`n\_{aZ`@ `VXX`b {aZ`XZfbVZ`Un. jUA`tZ`VMZ`\_j {n`yZjZV{ {aZ`VhxxZV{` XxbZ`b`tn| `Z{ {aZ` , xnl `nl Z`tn| `VM`XZy{xnt`{aZ`XMVhl`tn| xVnk u| {Zx`y`aMx`Xbi`E` \*\_`tn| `Mz` | yb` `M` @ `VXX` yjn{ `b`tn| x`Vnk u| {Zx`MIX`VM`E`yZZ` {aZ`XxbZ`b` {aZ` H b PÝž byi \*k MZx` , b Xn, S{x`t`| yb` `M` Z. {Zx`l`Nj`B@` @ `VXX`NkMj{Zx`a`
- @jZV{ {aZ`bk MZ`\_bZ`tn| `Z. {xNw{ZX`ZMj`bZx`Y`A`



- f jM 'H xqZjÜA{aZI 'jM 'tZyçYÀ{n'y{Mx' Mx', Mç\_nx{aZ', xqZ{n'Vnk ujZ{Z'a'



- \*\_H xqZ by@ WZyy\_jjÜASZ.bçYÀ{aZ'H b PÝ'ž byi '\*k MZx'a'



- @jZV{ {aZ' XZfVZjÜA'ì 'ZhVçYÀ {aZ' k bxn@ 'VXX' yMZj't'Nj, Mty'a' Aaby' tk MZ', xqZb` uxvZX|xZ'k M' {MIZ'k b' B'k b'y {n' k M.tk |k 'ÜY'k b'ySXZuZI Xb` |unl 'tn|x'k bxn@ 'VXX'w'Njç' M'X'uVuZx\_nxk M'VZ'a'

## Getting Set Up Ready

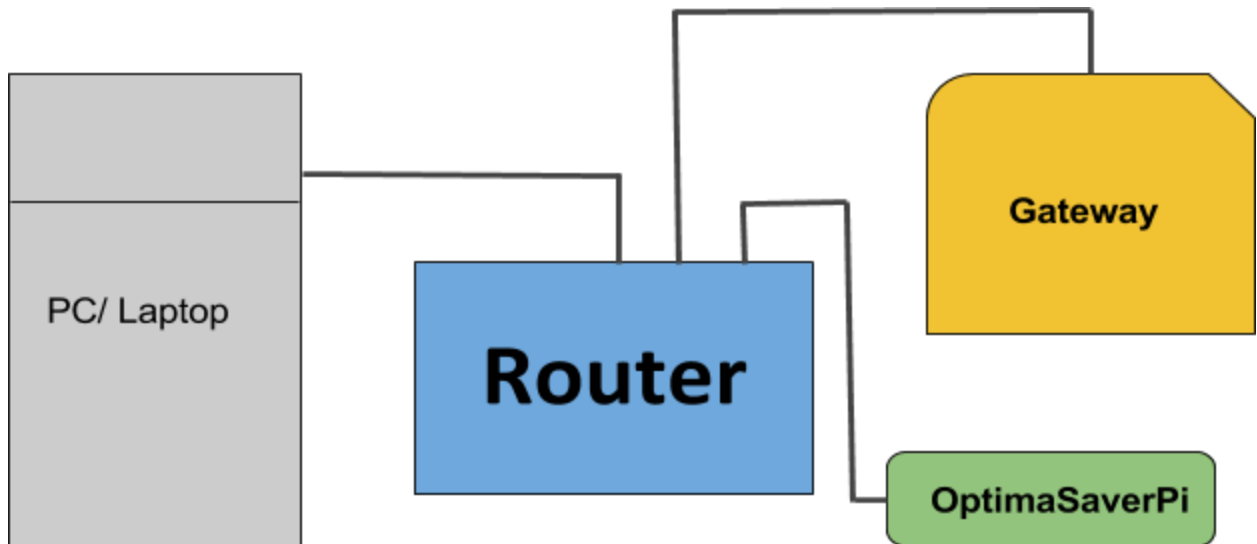
°\_Zx' tn|', x6Z' {aZ' 5u{bk M@fZx<b tk MZ' b {n' {aZ' k bxn@' VMXS b yZx{ {aZ' VMX' b {n' 5u{bk M@fZx<bk M@b Z'uxnuZxtSyant, l' b' UZjn, 'ub'a'



3n, ', Z', bj'' | bZ' tn| y{Zu' Ut' y{Zu' \_nx'' Z{{b' ' tn| xyZ{ | u' xZMx't'a'

Ü'a 5u{bk M@fZx<62 ° t'' XXxZyy'XbyVhfZxt' \_xnk' 'xn| {Zx'a''  
 Ý'a ( MZ, M' < XbyVhfZxt' \_nx' | x{aZx'Vhl' \_b | xMlml' a'

tn|', bj' UZ' l' ZZXB' 'M, b Xn, y'uV'MIX'Mxn| {ZxS, aZxZ' 5u{bk M@fZx<bMIX' {aZ' MZ, M', bj' UZ' Vhl' l' ZV{ZX', b{ajM' unx{y'n\_{aZ' yMk' Z'xn| {Zx'a''



Lan design for configuration purpose only.

AaZl 'tn| 'aMfZ' {n'jn' b' {n'xn| {Zx'k MIMZk Zl {uMZ', b'a'XZ\_Mj|{ 'w'Z' 'ÜäY'Üää'Ü'Ü'MIX' n{n' ž) † < 'VjZl {jby {uMZSZ' ©

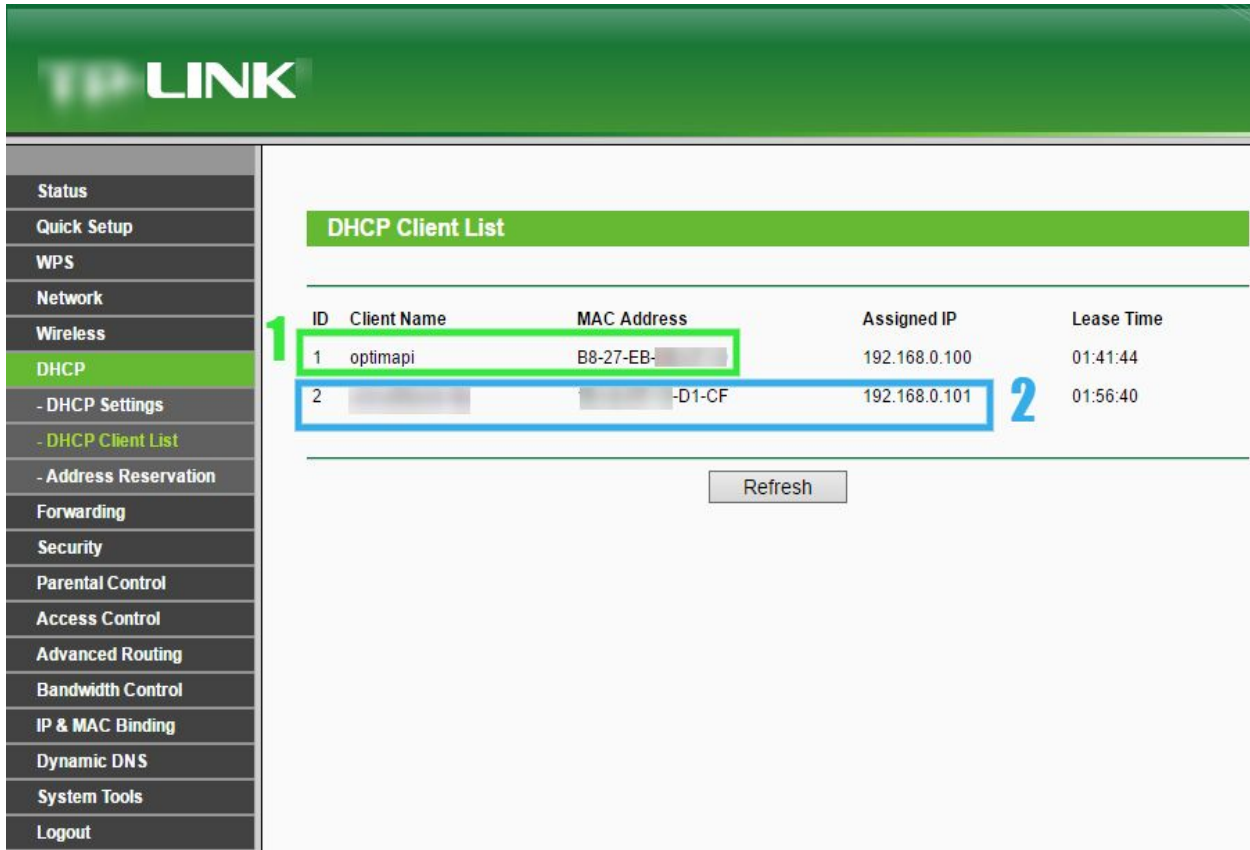


Figure 1 : OptimaSaverPi Mac Address & Gateway ip discovery

) Zx' tn| 'k M' yZZ' {aZ' 5u{tk M'fZx<b'XZ'fVZ' 2' ° † ° XXxZyy' Z' ©'É'ä'Y'a' "É'1| 1| 1| 1| 1| 'Šl n{Z' b' Xn, l' 'nx' \_|x{aZx' Vnl \_b| xM'bnl 'MIX' Njyn' tn| 'k M' l' ZZX' {n' \_b' X' tn| x' 'MZ, M' XaVu' w'SZ' a' ÜäY'Üää'Ü'ÜÜ'aZxS, ab'a', bjl' ZZX' jM'Zx' {n' Vnl \_b' {aZ' 'MZ, M' jyan, l' ' b' | xZ' ÜÄ' 3n, ' b' fy' {tk' Z' {n' xZ' N' t' tn| x' yty' {Zk' 'M' {Zx' 'MZ, M' Vnl \_b' | xM'bnl ' , b'a' XZ\_Mj|{ 'w' yZxZyS' Z' © ÜäY'Üää'Ü'ÜÜ' .....n' 5u{tk M'fZx<b'

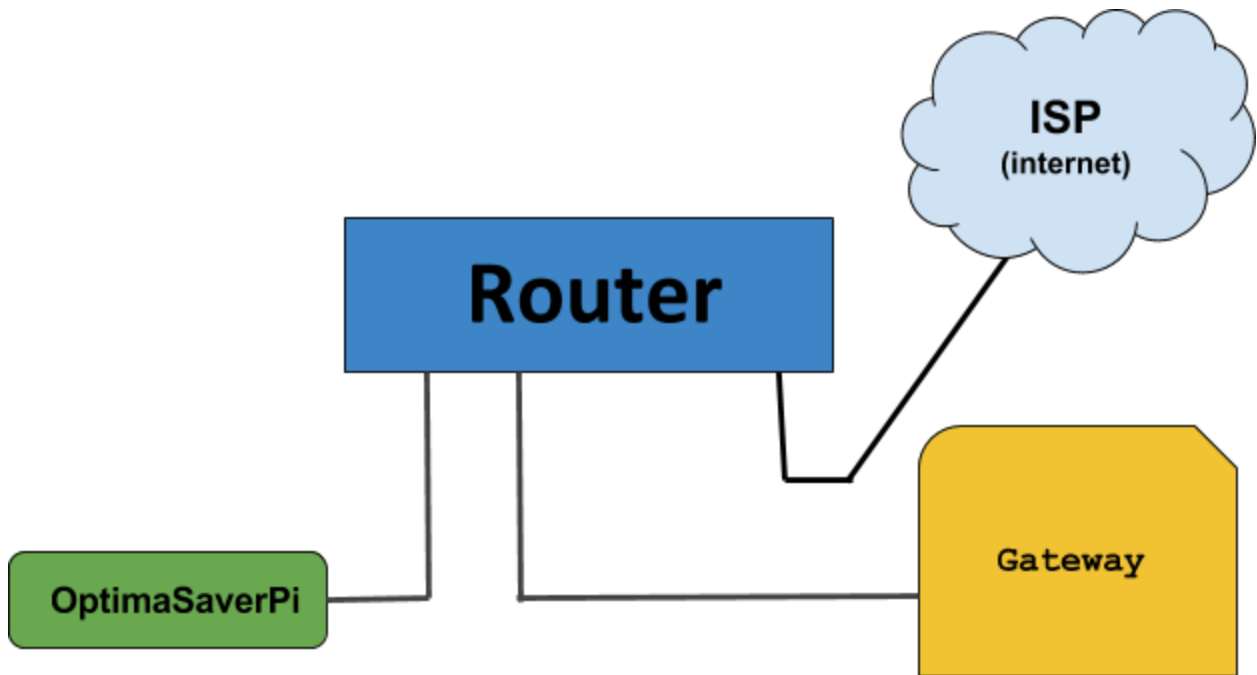
3'É' ©b' tn| x' k nUqZ' XZ'fVZ' 'by' Vnl | ZV{ZX' | l' XZx' yNk' Z' xn| {ZxS' {aZl' 'tn| 'k M' Njyn' MWZyy' tn| x' xn| {Zx' xnk' 'tn| x' k nUqZ' y'Uxn, yZxMIX' Z' 'tn| x' XZy' b' ZX' b' \_n'

LM ž Zyò | ?Zw| bZk Zl {n|x|l |yZ{| u'

- ?n| {Zx'
- 1M f MjZy'
- 5u{tk MZx<b
- ( MZ, M'
- \*@;† {Zx Z{À

LM ž Zyò | ©

.....5u{tk MZx<b====(lan)====> ?5BA"?'<<====(lan)==== ( MZ, M'



Lan Design to run the setup

H b{a'MjM' VMjZŠúú Vnl | ZV{'5u{tk MZx<bM'X'?n| {ZxŠ'

{aZl ', b{a'M'n{aZxjM' VMjZ'ùù Vnl | ZV{'?n| {ZxM'X'( MZ, M'a'

3n, 'tn| 'MZ'xZM'† {n|x|l | {aZ'5u{tk MZx<b'

## Starting OptimaSaverPi

°\_fZxVnl | ZV{b`un, Zx, kã'5u{tk MAFZx<buxnuZxjtS{aZ'k Wab Z', bñ y{M{ b y{M{jt^a`  
\*\_tn|`VM`Vnl | ZV{`5u{tk MAFZx<b, kã`{aZ`k nl kñx'fM) ž 2 \*XbzV{jt`nx'fM) ž 2 \*{n`G( °`  
Vnl fZx{ZxS{aZl`M{Zx'y{M{b`5u{tk MAFZx<by| WZyy\_||jt`tn|`, bñ yZZ`M, ZjVnk Z'yWZZl çyan, l`  
' b|xZ`YA`

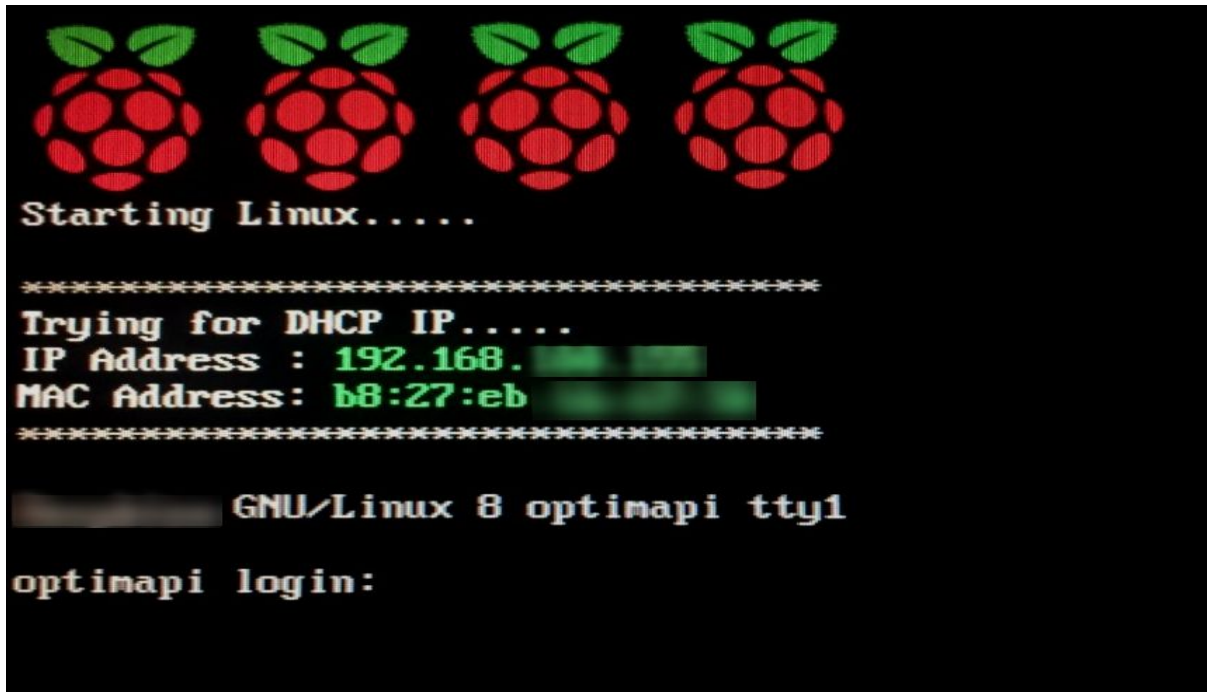


Figure 2: OptimaSaverPi login welcome screen.

1n` b` l` M` Z`nu{tk M`SuMy`nu{tk M`n`k` M`M`Z`{aZ`yty{Zk`, kã`y`nk` Z`jtk` kãZ`X`V`nk` k` M`X`jtb` Z`S`jb` Z`©`

- .k` M`nu{tk` M`{n`yZZ`{aZ`k` W`M`X`X`Z`yy`n`\_5u{tk` M`AFZx<b`k` W`ab` Z`^a`
- b`Vnl`\_b`{n`yZZ`{aZ`b`{Zx`WZ`, bñ`b`u`j`b`y`A`
- xZ`Unn`{^a`
- un, Zxn`\_a`
- <b` `^a`
- ,`f`X`b`y`l`\_n`x`P`(`2`n`X`Z`k` A`

Jn|`k` M`M`yn`{tuZ`y|`Xn`çyuWZA`ö`AMU`{n`yZZ`{aZ`M`M`U`j`Z`V`nk` k` M`X`jtb`{^a`

3^L`a`°`jj`yaZ`jj`V`nk` k` M`X`y`k` |`y`{`U`Z`Z`Z`V`|`{Z`X`, kã`y`|`Xn`SZ`^a` ©`y|`Xn`un, Zxn`\_a`

## Manual IP Config(STATIC)

Jn|`k M`Mjn`Vnl`\_b | xZ`5u{tk M@fZx<b{k Wab`Z`1`3`\*`<k M| Mjt`Mj`uZx`tn| x`xZw| bZk`Zl`{S`  
`ab`a`by`XZY`W`UZX`UZjn, ©

AtuZ`b`{aZ`yaZjj`j`b`Z`UZjn, SaZxZ`, Z`aMfZ`yZ`{`Üä`Ý`ä`Ü`ä`ä`Ü`Ü`Ü`b`\_nx`M`Z`M` ujZ\$tn|`k`M`yZ`{`b`M`y`  
uZx`tn|`x`Vnl`\_b | xM|bnl`a`

```
sudo ifconfig eth0 192.168.1.10 netmask 255.255.255.0 up
```

U|`{`{`ab`y`by`M`{`Zk`unx`M`{`unx`VZyy`a`\*\_`tn|`x`Zy`{`M`{`{`aZ`k`Wab`Z`{`aZ`Vnl`\_b`, bjj`UZ`xZk`nfZX`a`An`k`MIZ`  
{`ab`y`uZx`k`MIZl`{S`ujZMjZ`i`l`nM`n`n|x`y|`uunx`k`Zl`{`bnl`b``{`aZ`b`Ü`ä`Ý`ä`ä`Ü`Ü`Ü`{`aM`i`tn|`aMfZ`  
M`y`b`l`ZX`k`M`|`Mjt`a`

## OptimaSaverPi Terminal Remote Access

3n,`{\*`{y`{`tk`Z`{`n`{`MIZ`M`i`5u{tk M@fZx`@ZxfZx`<`\_xnk`n`|`x`@`1`"@`@`tuZ`©`MjZy`tk`unxj`Mjy`Ä`{`ZM`k`  
`b`a`{`aZ`5u{tk M@fZx`{`jZl`{`<`MIZ`j`b`i`, aZxZ`tn|`l`ZZX`{`n`Vnl`\_b`{`aZ`uMIZ`j`, b`a`y`nk`Z`xZw|`bZx`  
b`\_n`a`Jn|`k`M`Mjn`WVZyy`5u{tk M@fZx`<`b`{`Zxk`b`Mj`xZk`n`{`Zjt`\_xnk`5u{tk M@fZx`{`jZl`{`<`MIZ`j`a`\*`  
`bjj`Z`ujM`b`tn|`b`yanx`{`an,`tn|`k`M`WVZyy`{`aZ`{`Zxk`b`Mjy`{`Zu`Ut`y`{`Zu`©

```
*`a`_`xnk`5u{tk`M`jZl`{`<`MIZ`j`S`n`{`n`{`MIZ,`M`{`MjS`{`aZl`©
```

```
Ü`a`_`bjj`|`u`{`aZ`xZw|`bZx`b`_n`yan,`l`b`_b`|`xZ`P$uMZl`n`Ü`a`a`
```

```
Ý`a`_`t`j`b`i`nl`|`uXMZ`a`
```

```
P`a`_`t`j`b`i`nl`{`aZ`xZt`b`nl`yan,`l`b`_b`|`xZ`P$uMZl`n`Ü`a`a`
```

```
B`a`_`t`j`b`i`ni`nl`{`aZ`X`b`y`h`Un`a`:
```

```
à`a`_`H`aZl`{`aZ`b`V`h`j`n`x`{`|`x`l`y`Uj`Z`_xnk`_`xZt`S`V`j`b`i`nl`{`aZ`b`{`n`  
WVZyy`{`aZ`{`Zxk`b`Mj`Sy`an,`l`b`_b`|`xZ`P$uMZl`n`Ü`a`a`
```

```
£`a`_`3n,`Zl`{`Zx`{`aZ`jn`b`l`M`k`Z`©`optima`SuMjy,`nxX`©`optima`S`{`n`WVZyy`{`aZ`{`Zxk`b`MjS`  
`aZxZ`tn|`yan|`jX`{`tuZ`y|`Xn`y`uMZA`{`Mj`Ä`{`n`yZZ`{`aZ`M`MjZ`Vnk`k`M`Xy`_nx`  
tn|`Sy`an,`l`b`_b`|`xZ`P$uMZl`n`Ü`a`a`
```



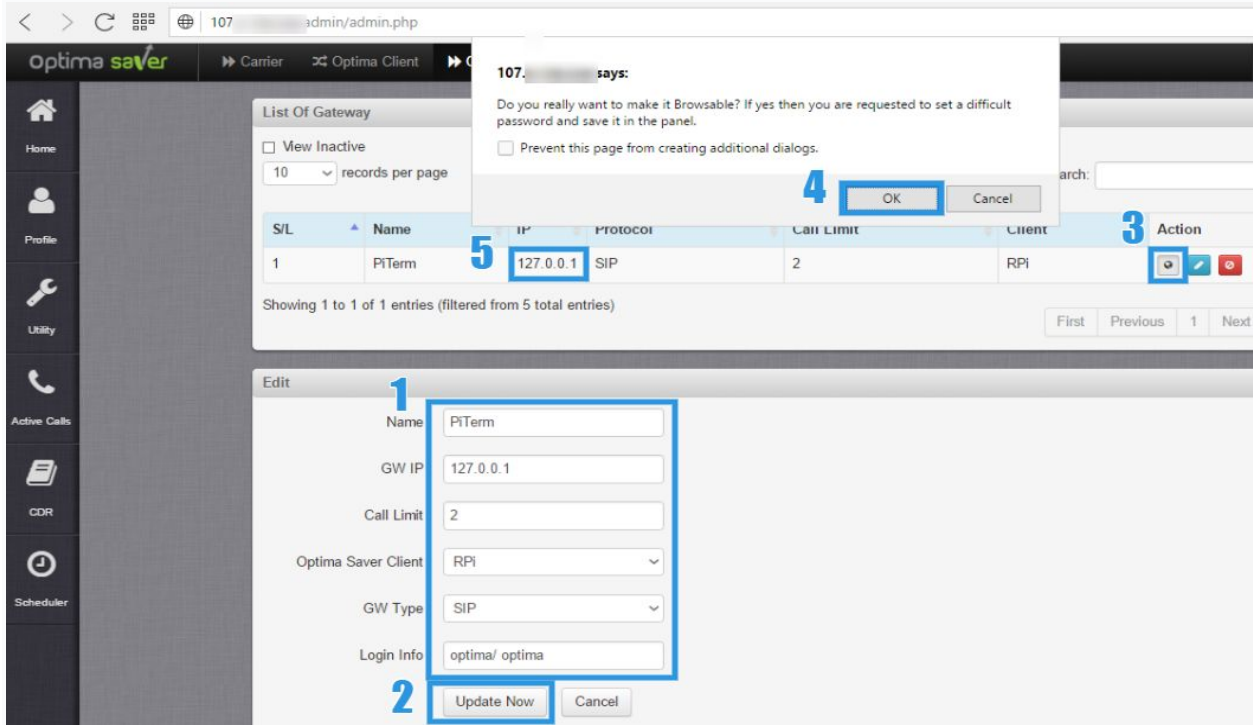


Figure 3 : OptimaSaverPi terminal remote access.

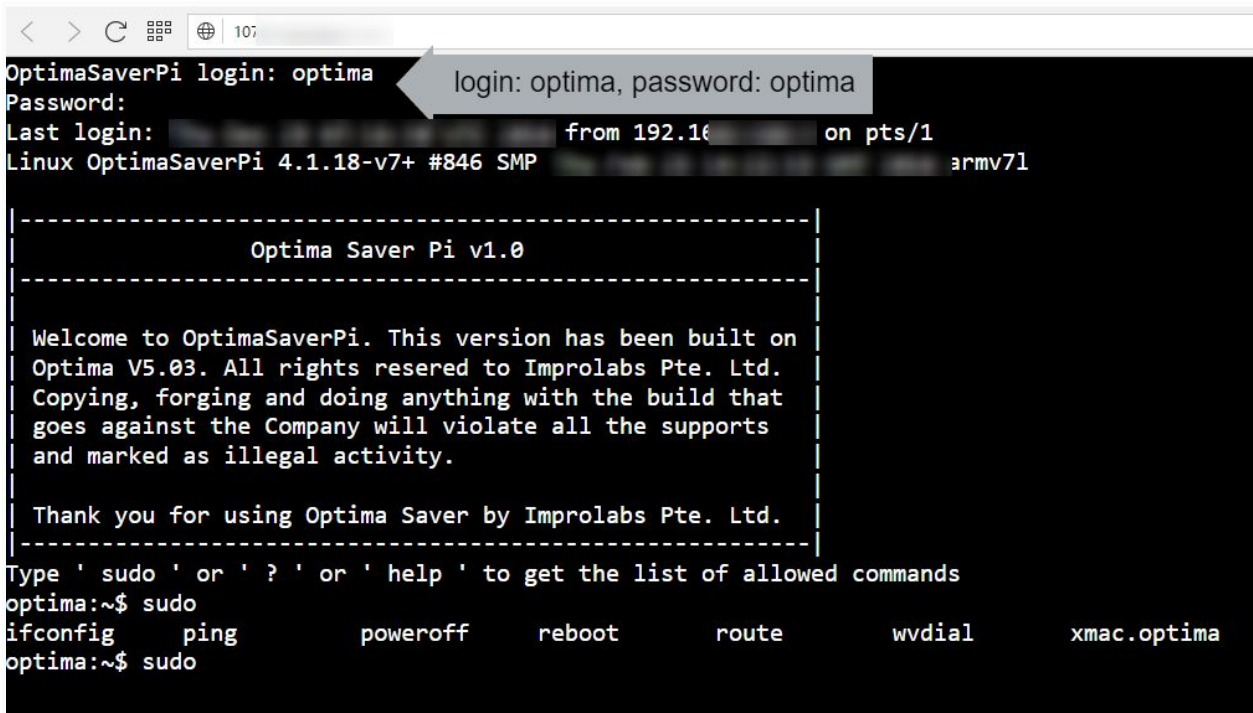


Figure 4: OptimaSaverPi terminal remote access.

# Optima Saver Client Panel

' xnk **HERE** 'tn| 'k M' MWZyy'5u{tk M'FZx' jZl { '<M'Zj' Vnl \_b | xZ` | bXZjb Z^

## Common Issues

- \*\_tn|x'5u{tk M'FZx<bXnl E` Z{ 'M' t' w' M' {aZ', ZjVnk Z'ywZZI {aZl 'tn| 'l ZZX' {n' VaZV' {aZ' XaVu' yZ{ {b` y' b` xn| {Zx' M' yn' VaZV' {aM' b' E' Vnl | ZV{ZX', b' a' jM' 'unx{y'n \_Un{a^\*\_M'j' MZ' ni S{aZl '5u{tk M'FZx<b, b'j' M' {nk M' M'j' t'` Z{ {aZ' w' M' X' yan, 'tn| 'b' {aZ', ZjVnk Z'ywZZI ^" nx\_| x{aZx' M' y' y' {M' VZ' tn| 'k M' i' l' n' V' n' | x'y| uunx{ {ZM' ^
- \*\_tn| 'VM' E' yZZ' M' t', ZjVnk Z'ywZZI Sk MZ' y| xZ' tn| x' @' 'nxk b' xn@' 'b' y' uxnuZxj' t' b' yZx{ZX' b' {n' 5u{tk M'FZx<b2 Wab Z^
- \*\_tn| 'yZZ' M' t' x' M' Un, 'y' b' l' 'M' {Zx' y' {M' {b` '5u{tk M'FZx<b' b' {aZ' ywZZI S{aM' k' ZM' y' Y' a'` , 'M' y' l' n' { 'uxn' b' XZ' 'uxnuZxj' t' {n' {aZ' k' Wab Z\$tn| 'k M' l' ZZX' {n' VaM' ` Z' {aZ' un, Zx' N' M' {Zx^`
- 2 MZ' y| xZ' tn| 'MZ' | y' b` 'M' nnX' w' M' t' un, Zx' y| uujt^ Jn| 'VM' VaZV' tn| x' un, Zx' y| uujt' Ut' k' ZM' y| x' b` ` {aZ' f' n' j' {MZ' UZ{, ZZI' A<U' M' X' A<Y' n' l' {aZ' 5u{tk M'FZx<b' b' {a' b' y' X' nu' y' UZj' n, 'B^aaG', aZl' X' n' b` ` Vnk' u' jZ' . {M' y' y' {aZl' b' b' y' k' ny{ j' b' Zj' t' | l' y| b' M' UjZ^
- 2 MZ' y| xZ' tn| 'MZ' | y' b` 'M' nnX' w' M' t' B@' 'VM' UjZ' \_nx' {aZ' un, Zx' y| uujt^ H aZl' | y' b` 'M' ab' a' w' M' t' un, Zx' y| uujt' S{aZ' A<U' u' A<Y' f' n' j' {MZ' VM' X' nu' UZj' n, 'B^aaG^ A' a' b' y' ` Zl' Zx' M' j' t' X| Z' {n' {aZ' xZ' y' y' {M' VZ' n' \_{aZ', b' Z' y' b' {aZ' B@' un, Zx' VM' UjZ'` {n' y' MZ' k' n' l' Zt' S' B@' 'VM' UjZ' y' a' MZ' M' y' j' b' {jZ' 'h' nu' Zx' b' {aZk' M' y' un' y' y' b' jZ' S' M' X' M' y' k' | Va' M' y' UG' j' n' x' UH' A' VM' UZ' j' n' y' {n' fZx' {aZ' jZl' ` {a' n' \_{aZ' VM' UjZ^
- 2 MZ' y| xZ' tn| 'MZ' | y' a| { {b` ` tn| x' 5u{tk M'FZx<bXn, l' 'uxnuZxj' t' UZ' \_nxZ' un, Zx' b` ` b' n' \_^ AtuZ' y| X' n' un, Zx' n' \_M' X', M' \_nx' {aZ' <b' (n' y' b' l' M' j' b' y' xZM' t' {n' UZ' un, ZxZx' n' \_Ut' j' M' y' ab` ` {aZ' W' {b' f' t' 1" z^
- ž' n' l' E' | yZ' M' aZM' i' xM' Z' p' i' w' M' t' k' b' xn@' 'xZM' X' S' b' k' M' X' M' MZ' tn| x' k' b' xn@' \_nx` nnX^

## Download Links

@ " nxk M{Zx'  
H b PÝ ž bji 'k MZ t xZM'nx'  
5u{tk M'FZx<b\*5'  
B3L\*^'  
ž n, l jn' MZx