

This howto guide is created from a theoretical distributor (XYZ) point of view, while it creates a new "customer" that will want use the Peasy solution.

## 1) Customer's dns record

First of all we must create a DNS record that is addressing the browser calls to primary cloud installation of Peasy. The address of primary instance is "34.252.199.173" and is mapped as "primary.eu.eophcp.com" or "primary.peasy.cloud". Those two names will be used when we will install local gateway software (appliance).

For this guide the customer's record is created as "customer.peasy.cloud". To check the created dns record simply ping from terminal the name:

```
Prompt dei comandi
Microsoft Windows [Versione 10.0.17763.253]
(c) 2018 Microsoft Corporation. Tutti i diritti sono riservati.

C:\Users\daleo>ping customer.peasy.cloud

Esecuzione di Ping customer.peasy.cloud [34.252.199.173] con 32 byte di dati:
Risposta da 34.252.199.173: byte=32 durata=40ms TTL=41
Risposta da 34.252.199.173: byte=32 durata=39ms TTL=41
Risposta da 34.252.199.173: byte=32 durata=40ms TTL=41
Risposta da 34.252.199.173: byte=32 durata=40ms TTL=41

Statistiche Ping per 34.252.199.173:
    Pacchetti: Trasmessi = 4, Ricevuti = 4,
    Persi = 0 (0% persi),
Tempo approssimativo percorsi andata/ritorno in millisecondi:
    Minimo = 39ms, Massimo = 40ms, Medio = 39ms

C:\Users\daleo>
```

## 2) Create customer's cloud account

See "Create customer account.m4v" how to create the customer's account. Important field is "Domains" which must be filled with dns name previously created. At same time change the user "ADMIN" password because by default is undefined. I suggest you to give "admin" (lowercase) at first.

When customer's account is created on cloud it is possible to access using the url like:

<https://customer.peasy.cloud:8443>

## 3) Customize the gateway for the new customer

If gateway (appliance) is not yet preconfigured for the customer watch the "Customize the gateway.m4v". It describes how to connect to existing gateway on lan and install Peasy GW application from scratch. By default appliances comes with Centos7 preinstalled and superuser account is

root/saasbox2018

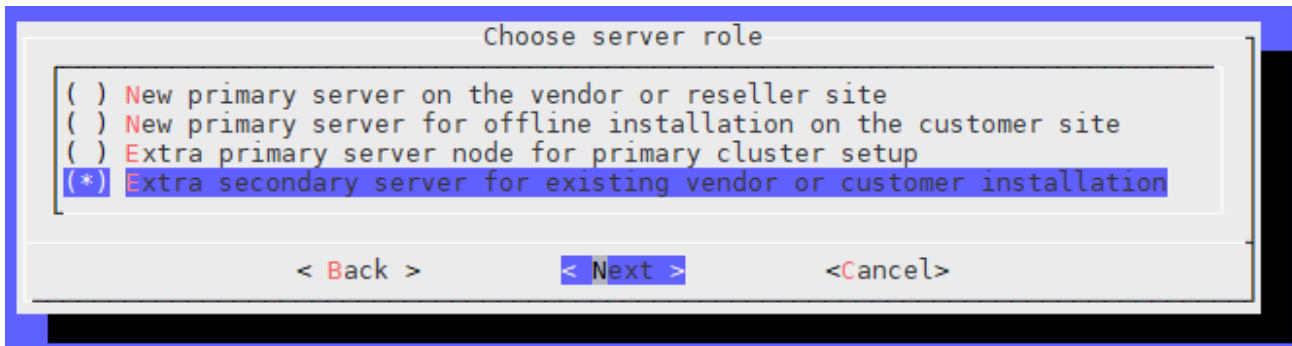
For connection with Windows pc an SSH client is required. Free one is available to this url:

[ftp://ftp.oberon.it/Peasy/Windows%20Tools/MobaXterm Portable v10.9.zip](ftp://ftp.oberon.it/Peasy/Windows%20Tools/MobaXterm%20Portable%20v10.9.zip)

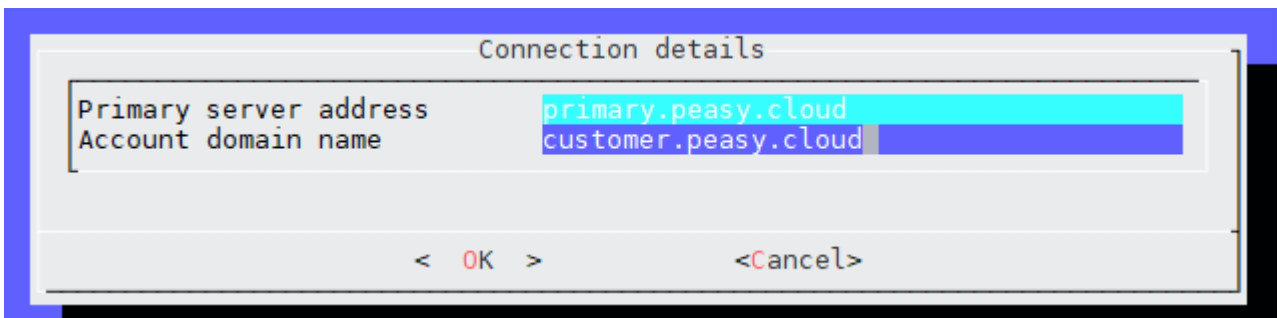
and the gateway software to install is available at this url:

[ftp://ftp.oberon.it/Peasy/Linux%20Server/hcp-server-2.4.1-release-setup-linux-x86\\_64.bin](ftp://ftp.oberon.it/Peasy/Linux%20Server/hcp-server-2.4.1-release-setup-linux-x86_64.bin)

This file must be copied on gateway and after executed to install. During installation the procedure will ask the path where to install, left value as is (/opt/hcp), after choose for



At “Connection details” windows you must fill the field “Primary server address” with primary cloud instance, one of the name previously mentioned at point 1, and “Account domain name” with the customer’s dns name that is in this case “customer.peasy.cloud”.



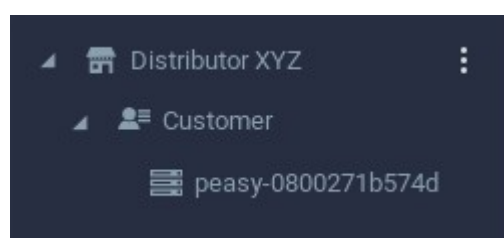
When installation is complete you can check the status of the service using command:

**\$>systemctl status eopng-server**

and watch the gateway’s log file with

**\$>tail -f /opt/hcp/logs/siteapp.log**

The gateway is now visible and configured under the customer’s account



## 4) Authorize gateway and create services

When gateway is up and running it must be authorized to connect to primary cloud instance. From now is possible to access to customer's site using its own url pointing to:

<https://customer.peasy.cloud:8443>

After gateway's authorization first service to create is the **Authentication**. The service must be enabled on gateway and the global "**AUTHENTICATION**" must be moved to that service. In this way all "local accounts" are stored on gateway database. In sequence will be created the **Api**, **Ipp** and **Converter** services. All of them will be created on "root" tree while specific gateway's services, **Storage** and **DocumentOutput**, will be created under the gateway's node. The "**Authorize gateway and create services.m4v**" will show all these steps.

## 5) Input ports and Printers creation

When all services are configured it is possible to proceed with ports and printers creation.

Printers must be created first the input port when this are configured as PUSH.

Remember that under printer's configuration the protocol SPOOLER will be removed on next releases so choose for TCP or IPP. Printer's "Output type" field can be a predefined language, like Postscript, or you can choose for RAW. With RAW language the system is not converting jobs from PDF datastream, received from mobile apps and Windows Peasy Universal Driver, so is possible to use native vendor drives in Windows system. When using RAW under printer configuration, the device needs the PDF language available to print native PDF data sent by Android or Ios devices. Watch "**Input ports and Printers creation.m4v**" to view how to create ports and printers.

## 6) Local user creation and access control managing

Users can exist locally, on gateway database, or linked to an LDAP/AD server. The user's management is similar in both cases. Watch the "**Users and ACL.m4v**" to assign access to users. When the account's **Access Control** is not propagated with "PROPAGATE TO CHILD NODES" button, all child nodes, printers and ports, inherit the ACL from parent. When checking the single node ACL it is shown in gray and is not possible to remove a user. Indeed, when ACL is propagated it is possible to remove a user from ACL.

## 7) Print from Windows environment

Now that printers and ports are configured it is possible to print from windows environment having the client installed. Execute the package installer "**hpcclient-x.x.x-release-setup.exe**" and fill the fields "HCP gateway address" and "Account domain name" both with customer's FQDN created on cloud. In this example we used "customer.peasy.cloud". Let the option "User authentication" as is, "Username from active session", the logged credentials will be used to communicate with Peasy environment. All values setup during the installation can be modified choosing "Configuration" on Peasy icon available in Windows status bar. If user's account is valid, enabled Peasy devices (Input ports and Pull queues) will be installed in the pc's spooler system and available to print. The video "**Print from windows.m4v**" shows how to install the client in a Windows 10 system.

## 8) Print with vendor's driver

The windows clients automatically installs the "Peasy Universal Print Driver". Is is possible to use printer's vendor driver just removing the flag **"Install print driver automatically"** in client configuration and set the printer's cloud configuration to **"RAW"**. Video **"Set printer to vendor driver.m4v"** shows all previous steps.