

SMART CLOUD **User Manual**

Important Declaration

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Cloud Terminal Overview

1.1 models



processor	Intel Bay Trail Series Processor Z3735F Quad-Core1.8GHz@2.2W
CPU	Intel Bay Trail
Memory	2GB DDR3
Storage	16GB EMMC
Audio	Audio Output × 1 Microphone Input × 1
Ethernet	1 x 10/100/1000Mbps LAN
IO	USB × 2
display	Intel® HD Graphics DVI-I
resolution	Resolution VGA Mode:1920*1080@30Bit@75Hz DVI-D Mode: 1920*1080@30Bit@75Hz
WLAN	Built-in USB 802.11b/g/n wireless module (optional)
Rear Panel	USB × 4 DVI-I × 1 DC Power Input × 1 Wi-Fi × 1 (Optional) Gigabit Ethernet Interface × 1

1.2 Device package list

Displaying accessories and package with images

1.3 Models interface

Displaying CT series front & back I/O with images and marks

1.4 Virtualization Requirements

1.4.1 Citrix Receiver

- XenDesktop versions 5.5, 5.6, and 7.0
- XenApp versions 6.0 and 6.5
- VDI-in-a-box 5.0, 5.1, 5.2, 5.3 and 5.1

For more information on the installation and configuration of Citrix environments, visit

<http://www.citrix.com.cn/>

1.4.2 VMware View

- Horizon View version 5.1, 5.2 and 5.3


For more information on the installation and configuration of VMware environments,

visit <http://www.vmware.com/cn>

1 SYSTEM SETTINGS

It is strongly recommended that please check the configuration options to confirm if the current environment meets your needs before you use L series terminals cloud connectivity for the first time.



You can enter into system settings by clicking this button  in the left corner. This button



is for “shut down” and “reboot” , when you need to shut down or reboot the machine, you can click this button and choose the function. The button beside “settings” is for language settings, you can choose supported languages.

You can observe the network status icon in the lower right corner of the interface, intuitive awareness of cloud terminal current network status:



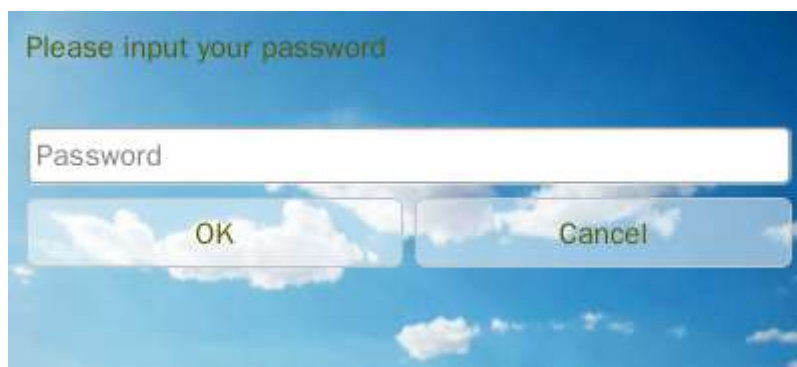
: current network is connected ;



: current network is disconnected ;



: current network is connected



When the system needs password to access system settings, you can click settings button



, then above interface will pop up, correct password is needed to access settings interface.



When you access system settings, you can go back to login interface any time by clicking

"Home"



button in the left corner of screen ; if there is any settings change, please

remember to click "save" button



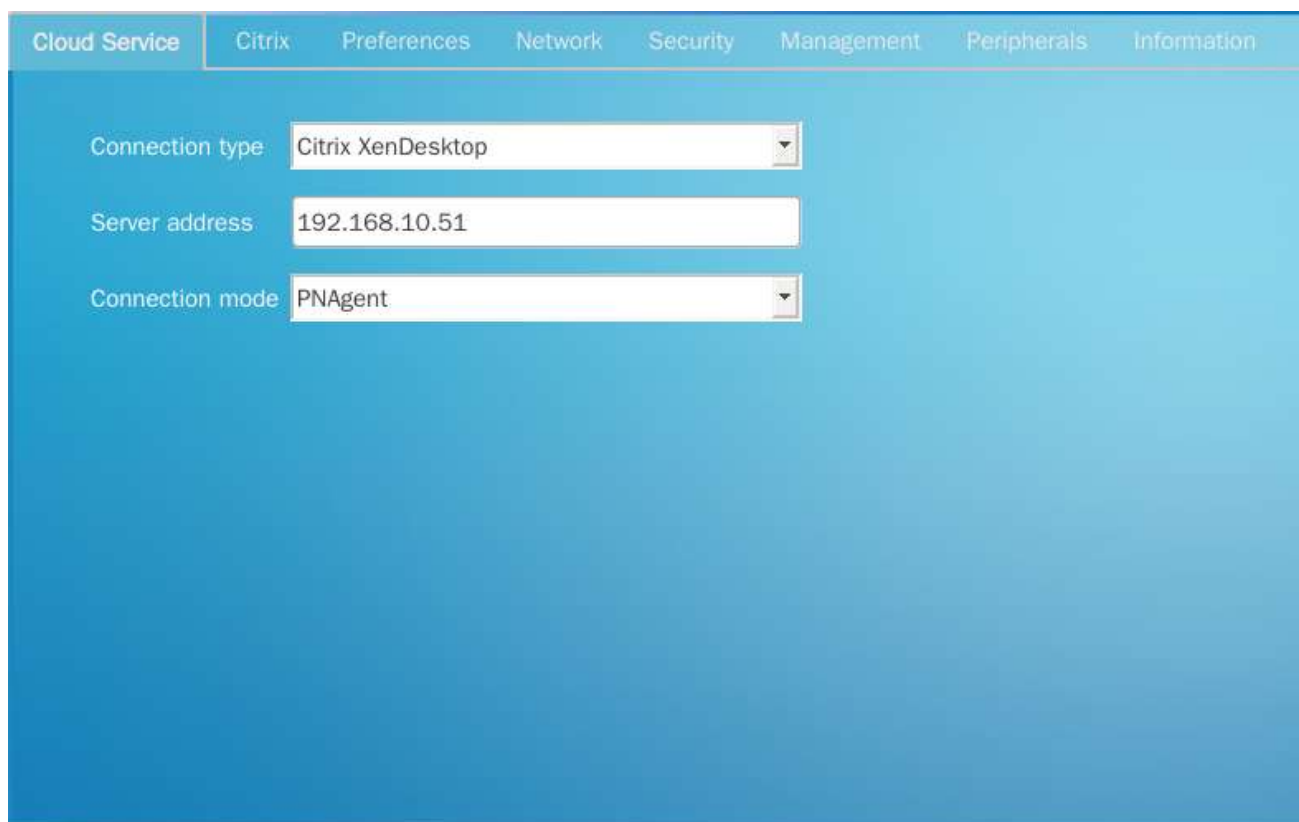
to save the change.

2.1 Cloud Computing Service

Cloud Service	Citrix	Preferences	Network	Security	Management	Peripherals	Information
Connection type	Citrix XenDesktop						
Server address	192.168.10.51						
Connection mode	PNAgent						

Choose cloud computing service type, **CitrixXenDesktop**, **Vmware View**, **Remote FX** is available.

2.1.1 CitrixXenDesktop



The screenshot displays the configuration interface for Citrix XenDesktop. The interface features a blue header with the following tabs: Cloud Service, Citrix, Preferences, Network, Security, Management, Peripherals, and Information. The main configuration area is light blue and contains three fields:

- Connection type:** A dropdown menu with 'Citrix XenDesktop' selected.
- Server address:** A text input field containing '192.168.10.51'.
- Connection mode:** A dropdown menu with 'PNAgent' selected.

There are two connecting types "**PNAgent**" and "**Web Interface**" under Citrix XenDesktop protocol. Input the service address or domain in Server Address. After you choose "Citrix XenDesktop" as connecting service ,some actions can be configured to connect service in "Citrix" interface, such as automatic login.

Cloud Service	Citrix	Preferences	Network	Security	Management	Peripherals	Information
<p>XenDesktop services site:</p> <p><input checked="" type="checkbox"/> Auto-configure (DHCP)</p> <p>Name/URL <input type="text" value="xen02"/></p> <p><input type="checkbox"/> Use Citrix Access Gateway</p> <p><input checked="" type="checkbox"/> Auto-launch if only one application is published</p> <p><input checked="" type="checkbox"/> Auto-logout on last application quit</p> <p><input checked="" type="checkbox"/> Password required for unlocking this device upon wakeup</p>				<p>Auto Logon / Kiosk:</p> <p>Username <input type="text" value="xen01"/></p> <p>Password <input type="password" value="••••••••"/></p> <p>Domain <input type="text" value="smartcloud.com"/></p> <p>Application <input type="text" value="win-xp"/></p> <p><input checked="" type="checkbox"/> Enable username caching at login</p>			

- **Auto-configure (DHCP)**

To guide CT series cloud terminal automatically get XenDesktop server address via DHCP, provided that you release this information when configuring the DHCP server.

- **Use Citrix Access Gateway**

This option allows the CT series cloud terminal to access via Citrix Access Gateway Citrix environment from the external network security.

- **Auto-launch if only one application is published**

If only one application is released in connected Citrix environment, you can permit this option to enable cloud to automatically load the terminal after starting the application.

- **Auto-logout on last application quit**

Allow this function can be achieved: When all applications are closed, CT series cloud

terminal automatically exits Citrix environment

- **Password required for unlocking this device upon wakeup**

When cloud is locked and need to unlock, password is required from user.

- **Auto login / kiosk**

To configure auto login, you need to input correct user name, password and domain. And can automatically start the specified application, of course, the application must be released by server.

- **Enable username caching at login**

When user exits from Citrix environment, last login username is allowed automatically to retain in the user name input box, which enables to enhance the efficiency of user login.

2.1.2 Vmware View

"**PCOIP**" and "**RDP**" two protocols are optional under Vmware View (also can use default connect protocol), input server address and domain you want to connect in Server Address. 当 When you choose Vmware View service, you can configure some property of Vmware View connectivity in "**Vmware**" interface.

When connecting protocol is **PCOIP**, then there is no need to set connecting property; When connecting protocol is **RDP**, set corresponding property in Vmware interface.

- **Vmware View**



■ Auto-launch if only one application is published

If only one application is released in connected Citrix environment, you can permit this option to enable cloud to automatically load the terminal after starting the application.

■ Auto-logoff on last application quit

Allow this function can be achieved: When all applications are closed, CT series cloud terminal automatically exits Citrix environment

■ Password required for unlocking this device upon wakeup

When cloud is locked and need to unlock, password is required from user.

■ Enable username caching at login

When user exits from Citrix environment, last login username is allowed automatically to retain in the user name input box, which enables to enhance the efficiency of user login.

- **View Client & Displays**



In this interface, you can set Vmware View display settings, you can also set whether the device needs to be redirected.

Displays : You can set display color depth accordingly.

Device Redirections : Choose "Clipboard" , "Storage" and "Smart Card" if it is mapped to the server.

- **Experience & Advanced**



Experience:

- **Desktop background**

User desktop session desktop background

- **Show window contents while dragging**

Show full window contents while dragging a window in the user's desktop session

- **Menu and window animation**

- **Theme**

Theme of user desktop session

- **Persistent bitmap caching**

- **Reconnect if the connection is dropped**

If the connection is deleted, then reconnect.

Advanced:

- **Console mode**

Access to console mode

■ Compression

Enable compression

2.1.3 Remote FX

You can choose "RemoteFX" protocol under cloud computing to connect server, input server address or domain in Server Address. Connectivity property can be set in " RemoteFX" interface according to requirements.

● RemoteFX



● Display & Programs



Display:

■ Color Depth

You can choose displaying color depth according to requirements.

■ Display the connectivity bar

■ Device Redirections

Choose "Audio" , "Clipboard" , " Storage " and " Smart Card " if it is mapped to server

Programs :

● Experience & Advanced



Experience:

■ Desktop background

User desktop session desktop background

■ Show window contents while dragging

Show full window contents while dragging a window in the user's desktop session

■ Menu and window animation

■ Theme

Theme of user desktop session

■ Persistent bitmap caching

■ Reconnect if the connection is dropped

If the connection is deleted, then reconnect.

Advanced:

■ Console mode

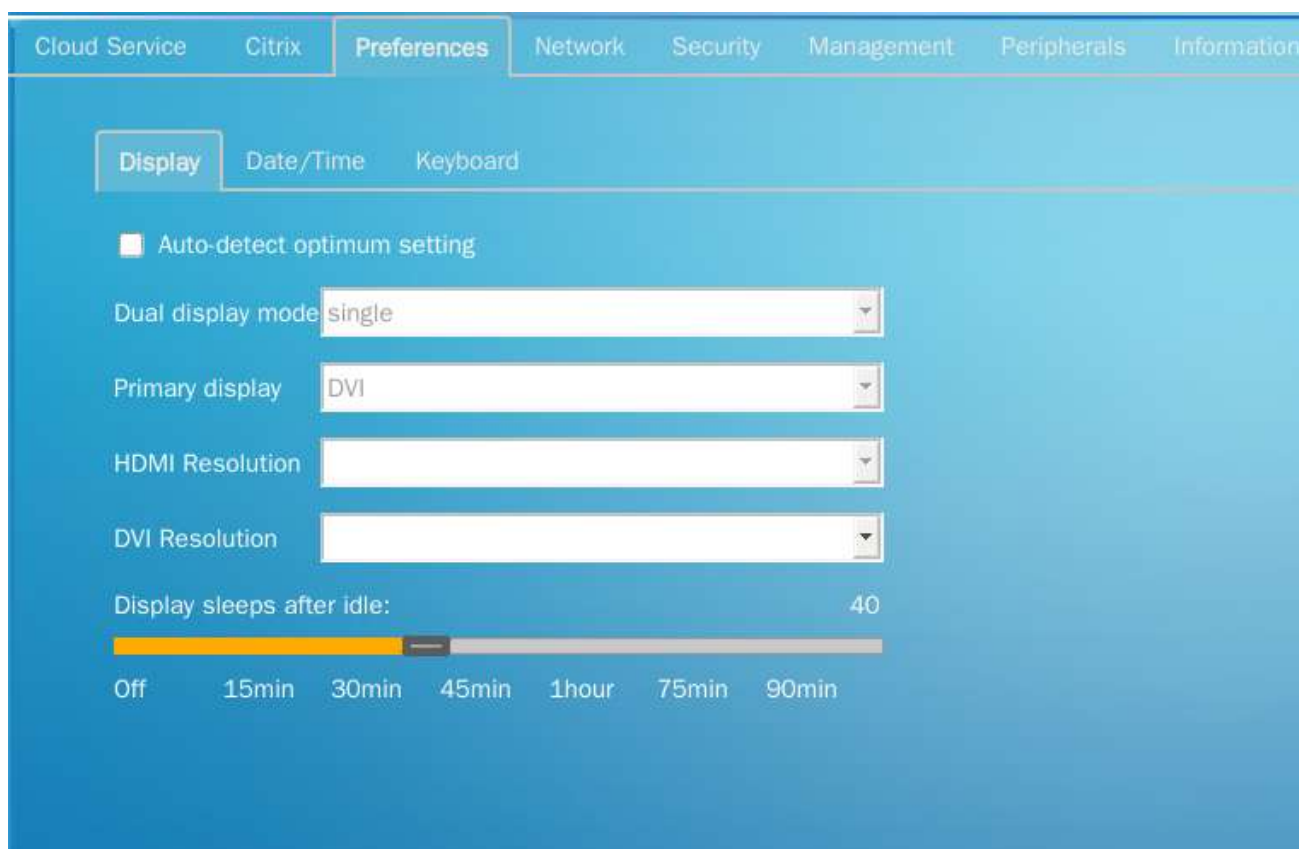
Access to console mode

■ Compression

Enable compression

2.2Property settings

2.2.1 Displaying settings

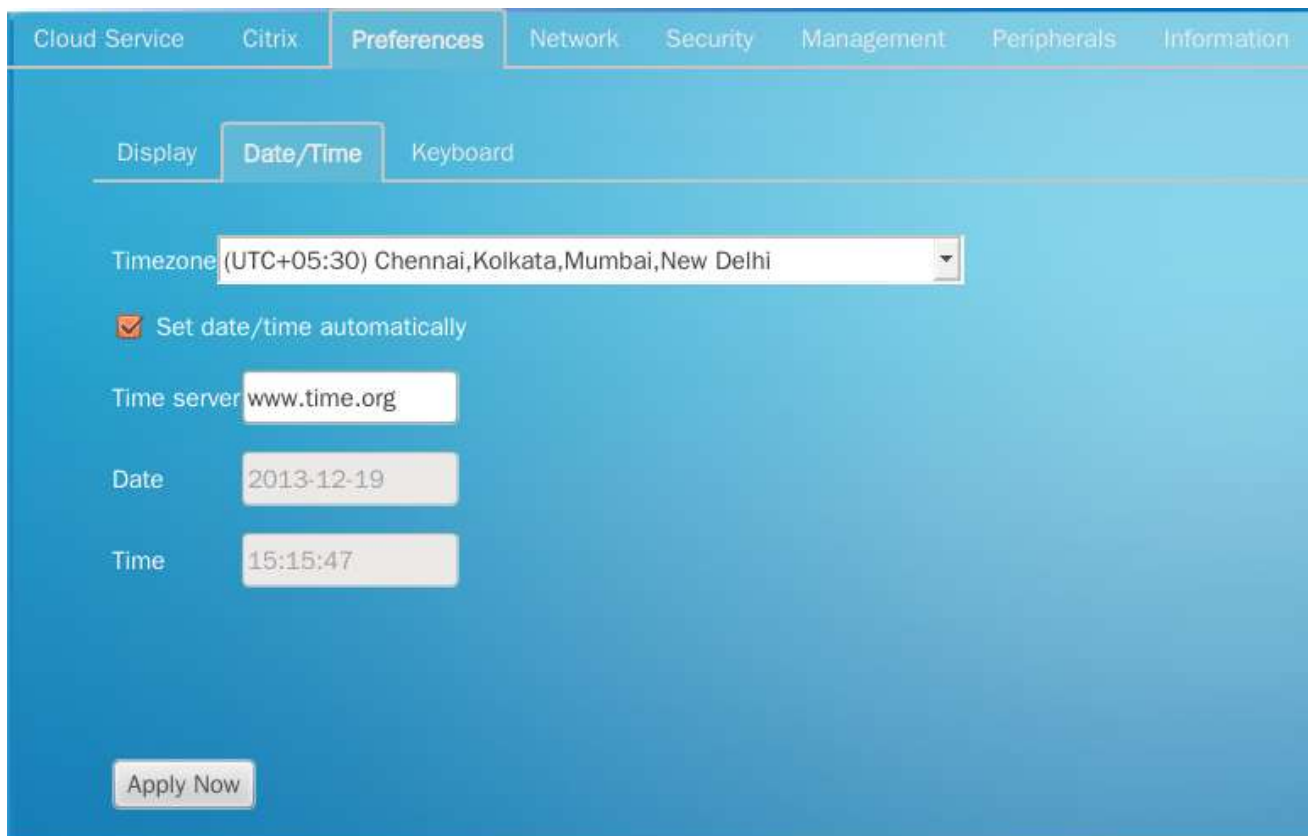


- Auto settings : Choose ☒ Auto-detect optimum setting and it will recognize terminal resolution of the device automatically.
- Manual settings : don' t choose ☐ Auto-detect optimum setting and set according specific


requirements.

- Set sleeping time: drag the rolling bar.

2.2.2 Date and Time Settings

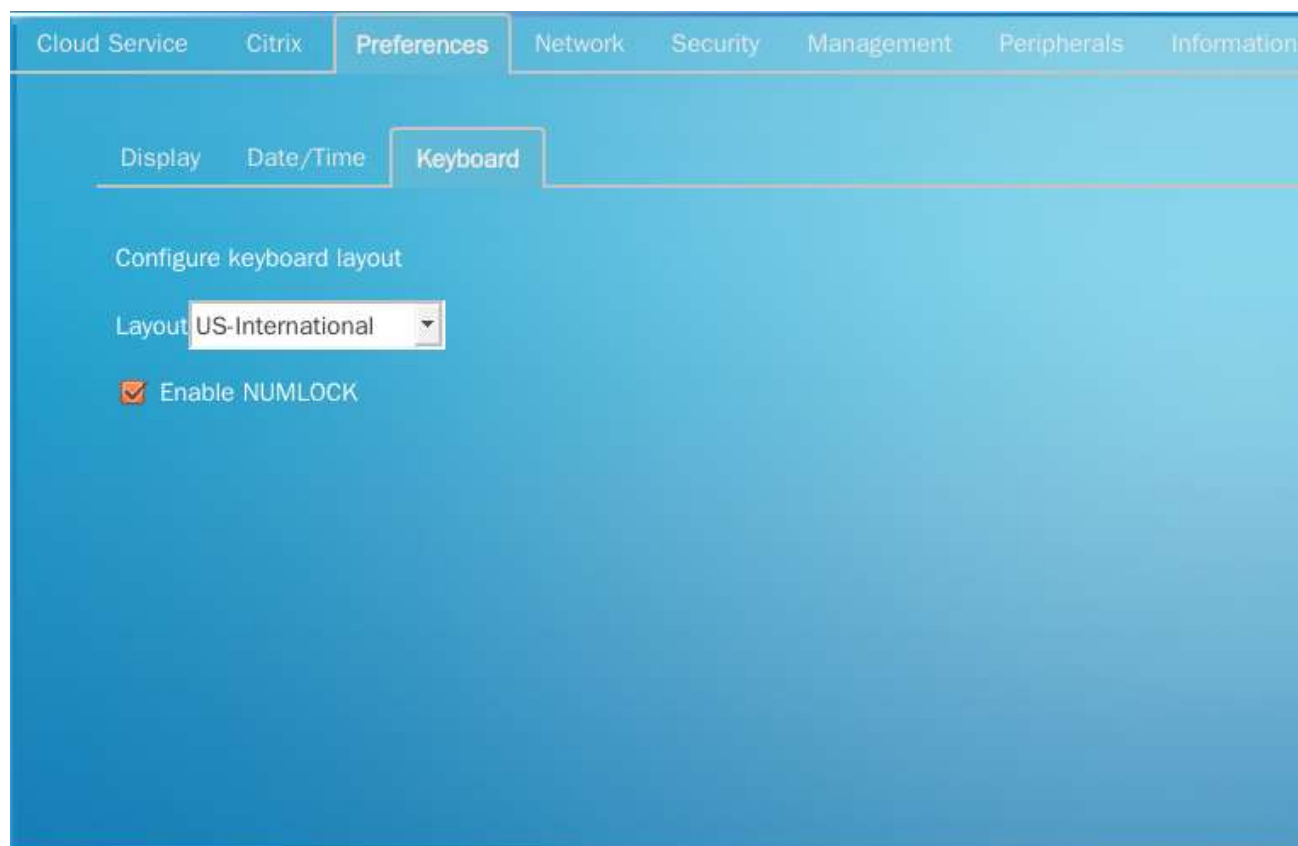


You can set each time zone according to requirements , when choosing

 , time will be set automatically after choosing time zone. After

finishing time setting, please click  , new time will take effect.

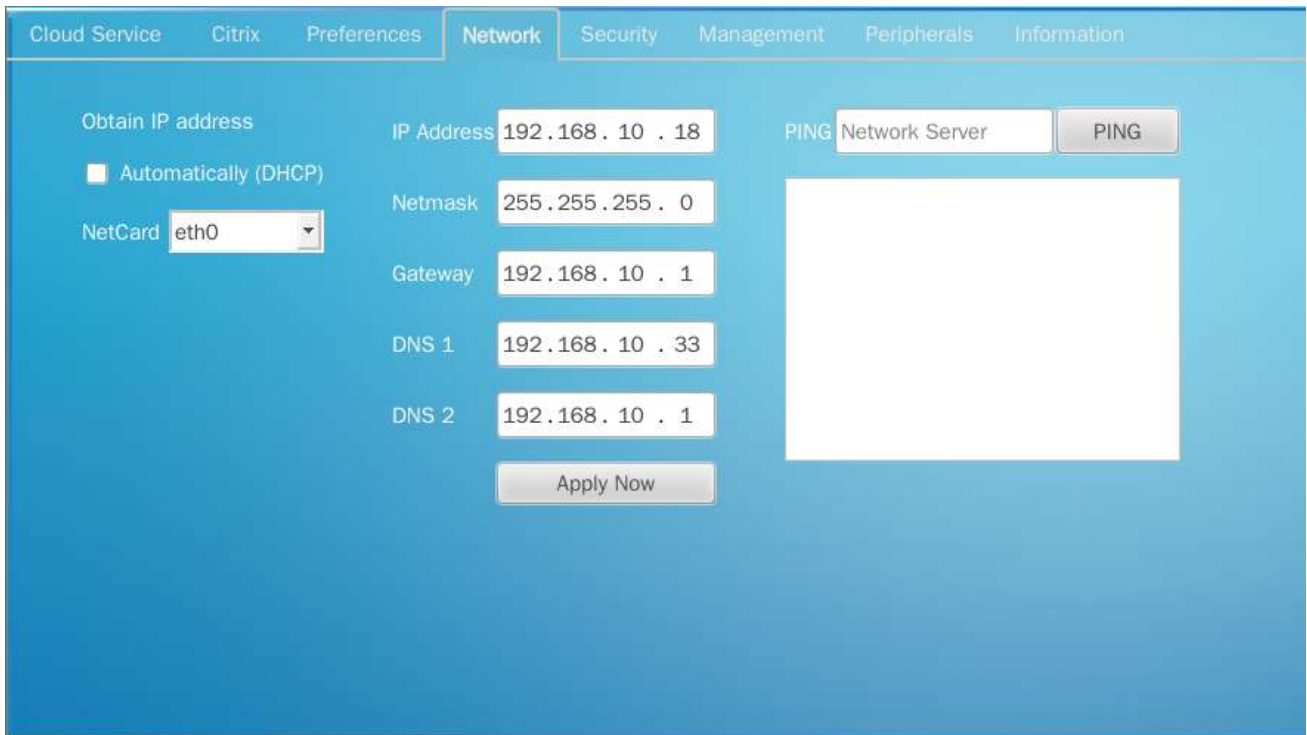
2.2.3 Keyboard layout settings



You can choose keyboard type according to requirements, when choosing , number lock key will be activated.



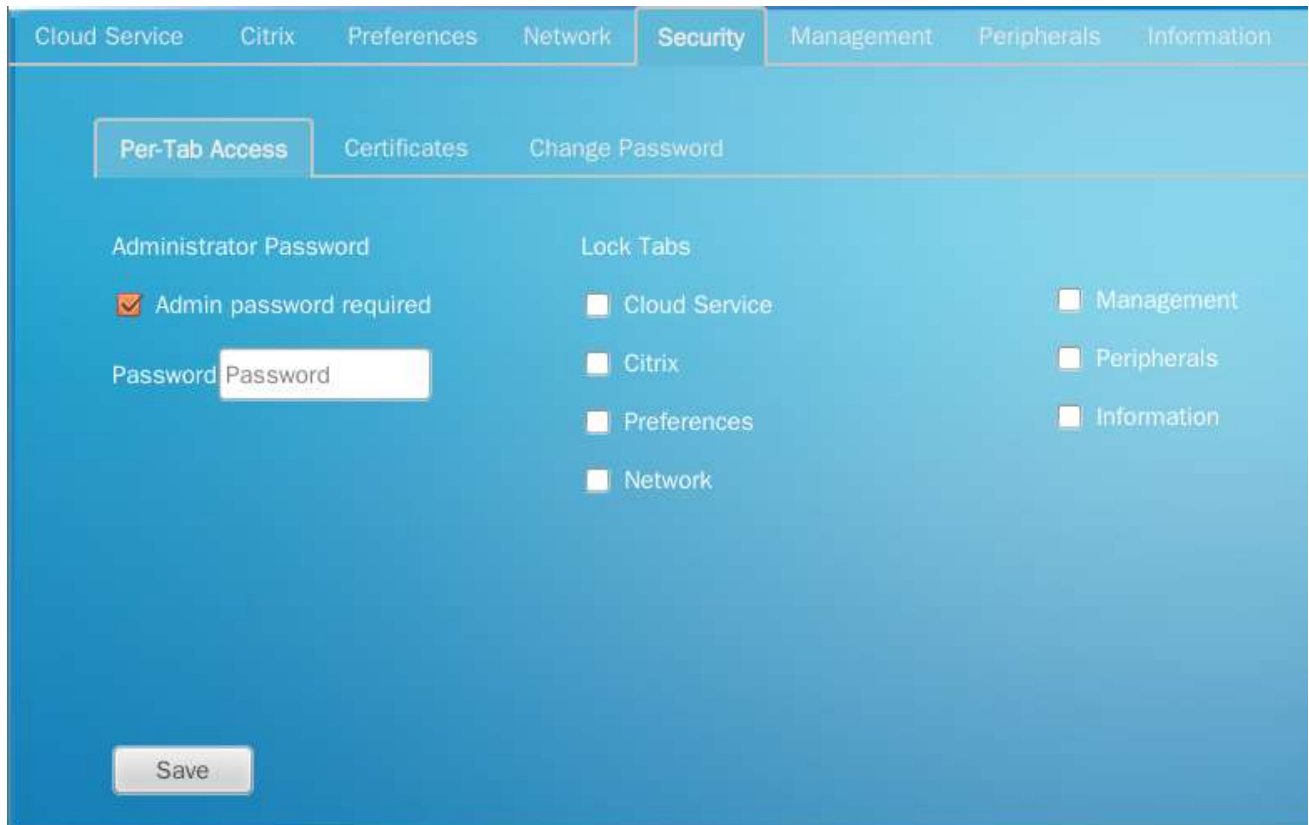
2.3 Network settings



- Auto settings : If choose ☐ Automatically (DHCP) , the terminal will get setting IP etc. automatically.
- Manual settings : If not choose ☐ Automatically (DHCP) , you can set network chip settings, IP settings manually according to requirements.
- Ping tools : Network Server type Network Server of Ping , click , then results of Ping will be displayed under the column box.
- Please click after settings, new settings will take effect instantly.

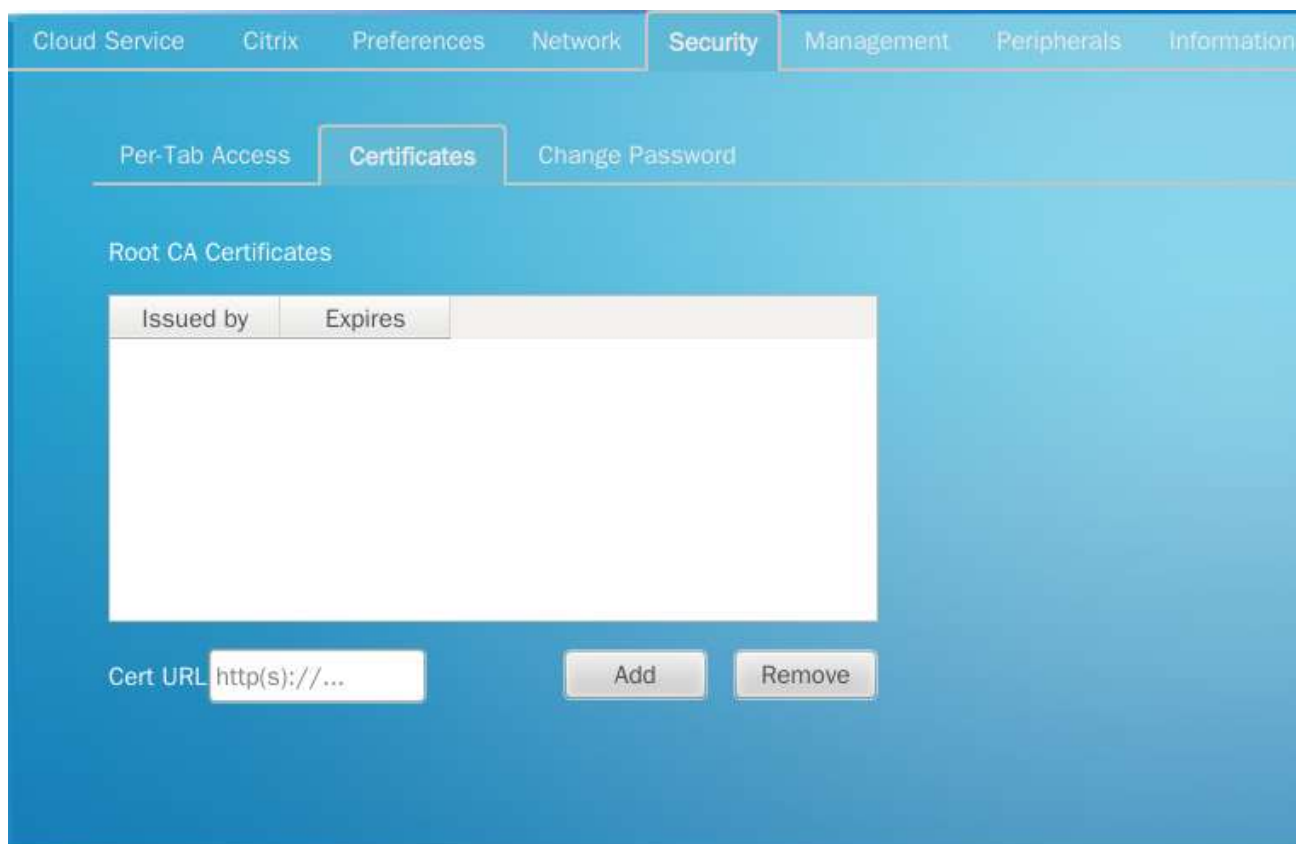
2.4 Security settings

2.4.1 Per-Tab Access



- Administrator Password : choose ☒ Admin password required to access settings interface, password is required.
- Lock Tabs : lock the settings according to security requirements.

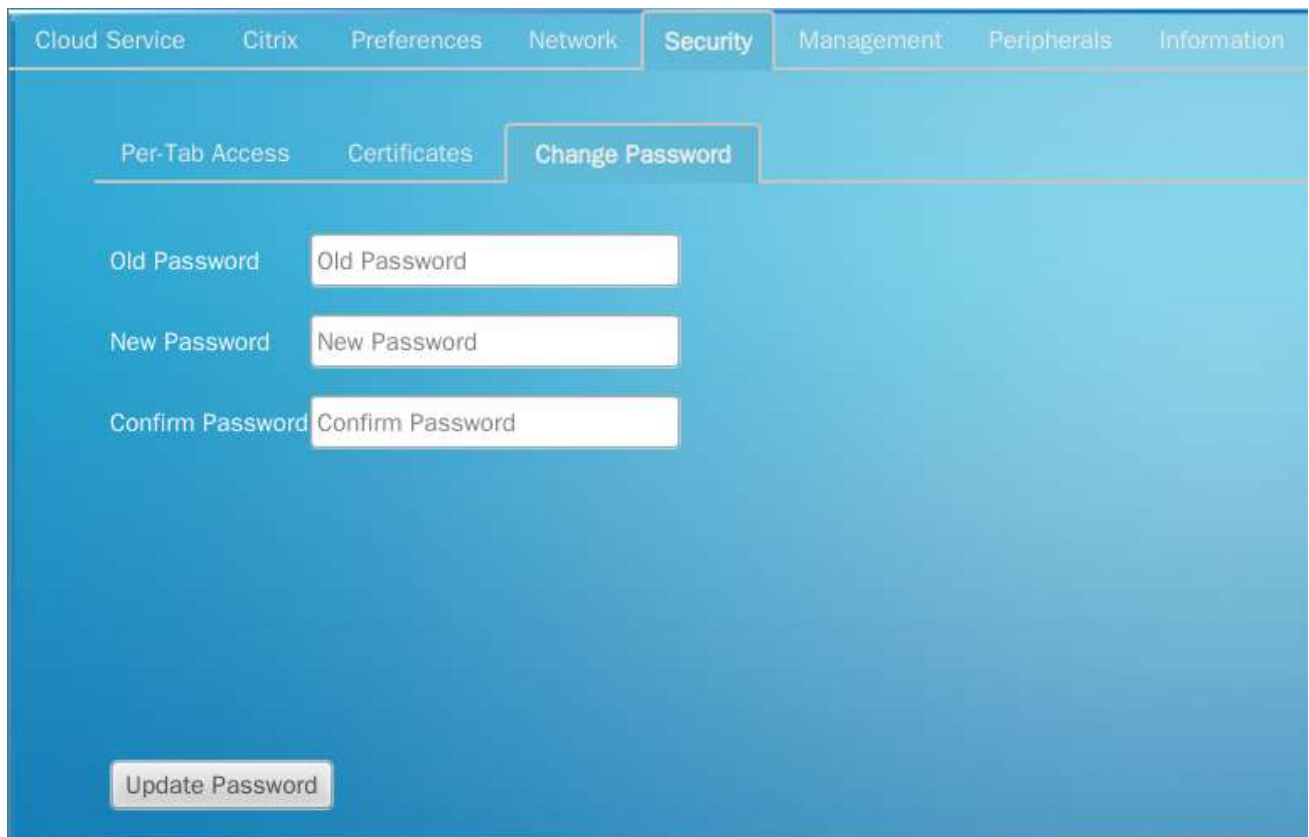
2.4.2Certificates



The screenshot shows the 'Security' tab in the SmartCloud CT-series interface. Under the 'Security' tab, there are three sub-tabs: 'Per-Tab Access', 'Certificates', and 'Change Password'. The 'Certificates' sub-tab is selected. Below the sub-tabs, there is a section titled 'Root CA Certificates'. This section contains a table with two columns: 'Issued by' and 'Expires'. The table is currently empty. Below the table, there is a 'Cert URL' input field with the placeholder text 'http(s)://...'. To the right of the input field are two buttons: 'Add' and 'Remove'.

- Input correctURL to add required certificates.

2.4.3 Change Password

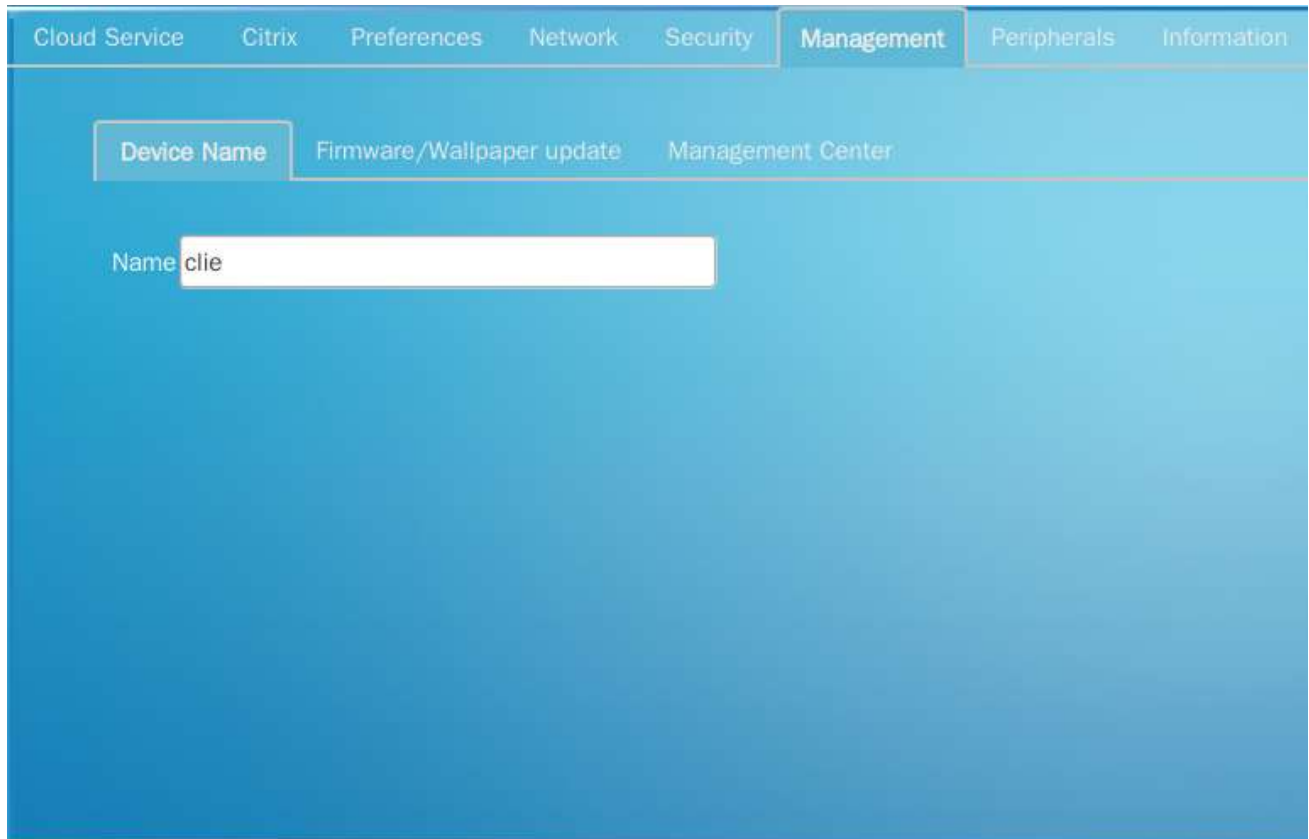


- Change password in settings interface: first input old password, then input new password

twice, click  to finish.

2.5 Administrator settings

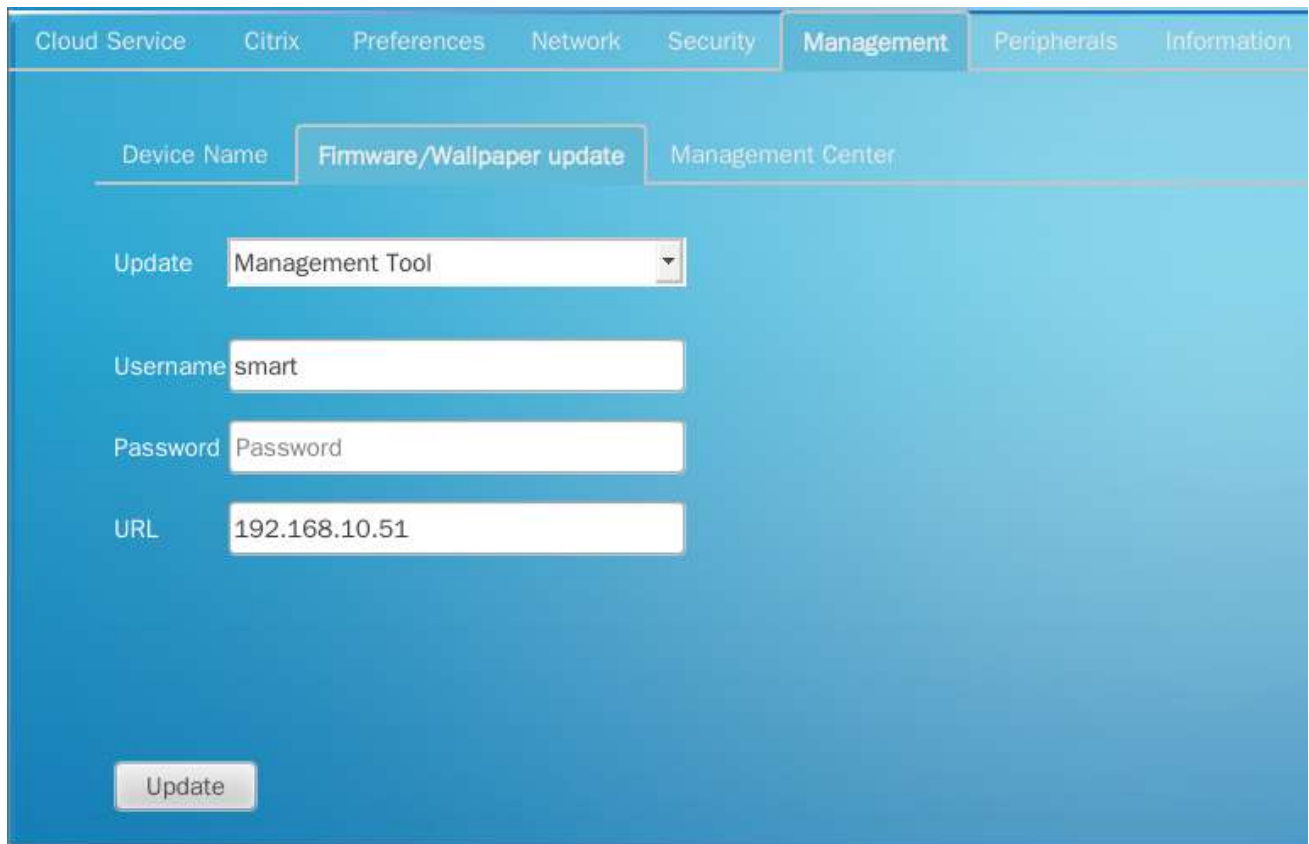
2.5.1 Device Name



The screenshot shows the SmartCloud Management interface. The top navigation bar includes tabs for Cloud Service, Citrix, Preferences, Network, Security, Management (selected), Peripherals, and Information. Below this, the Management section has sub-tabs for Device Name (selected), Firmware/Wallpaper update, and Management Center. The Device Name sub-tab contains a text input field labeled "Name" with the value "clie" entered.

- Set device name, just input any name you want.

2.5.2 Firewall/Wallpaper update



- Firmware upgrade, divided in three ways :




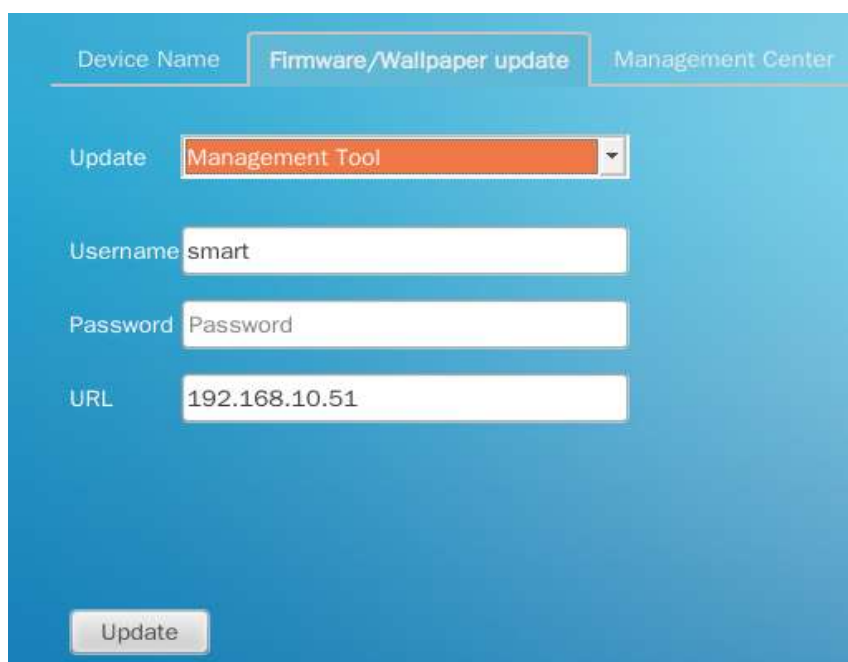
- FTP : Input correct username, password and URL then click  is OK.



Update

Package Name

- USB :Insert storage device and enter the name of the upgrade package, click  is OK.




Device Name Firmware/Wallpaper update Management Center

Update

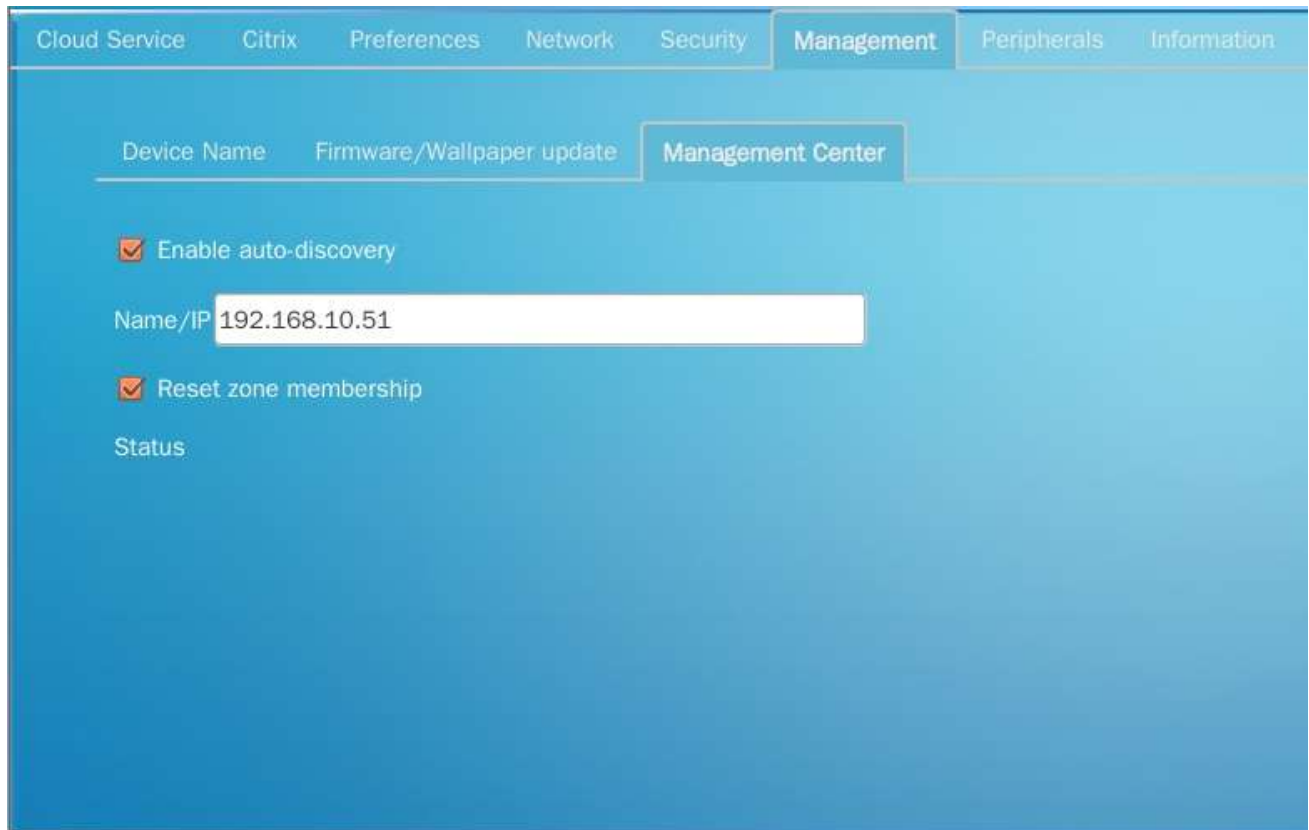
Username

Password

URL

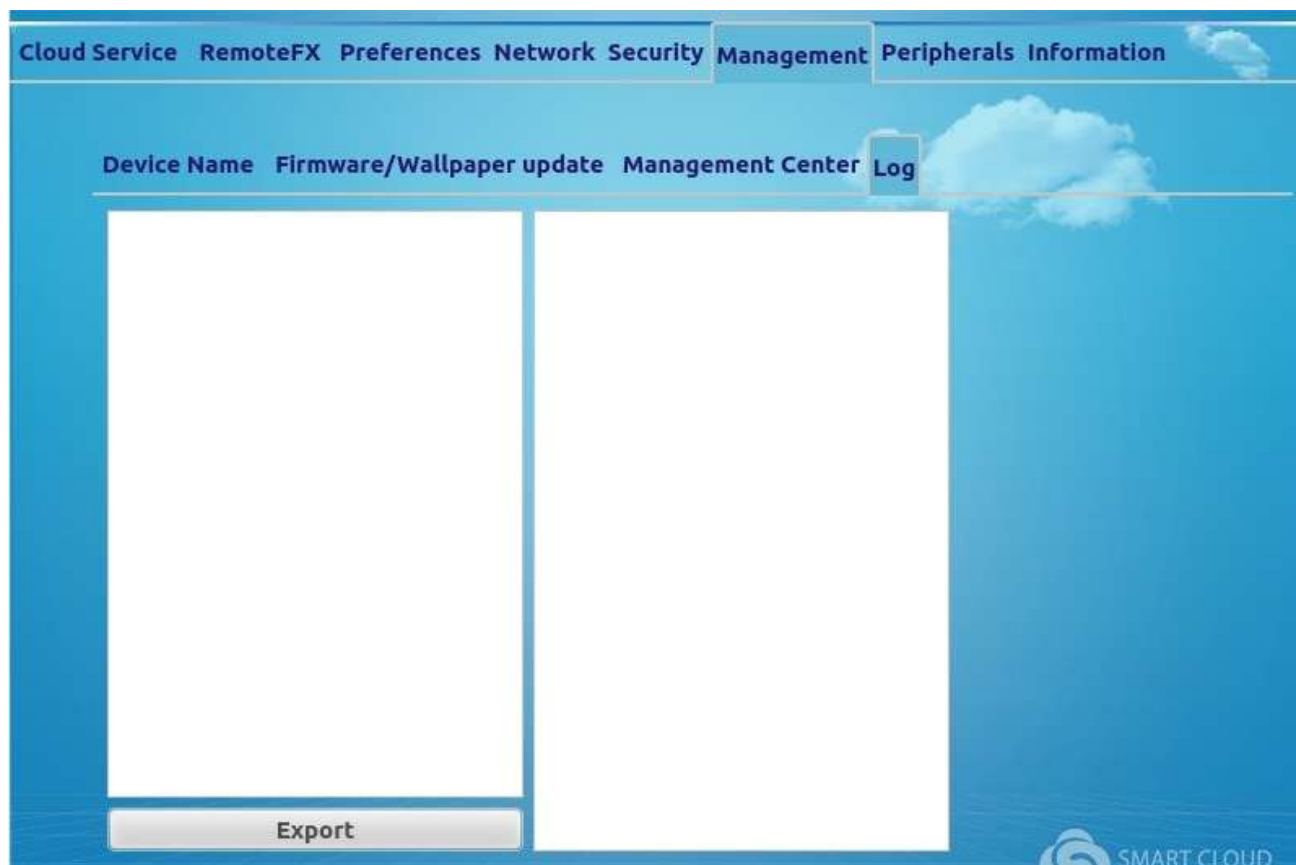
- Management Tool : Enter correct username, password and URL, click  is OK.

2.5.3 Management Center



- Enable auto-discovery: Search IP in administration center automatically.
- Reset zone membership

2.5.4 Log

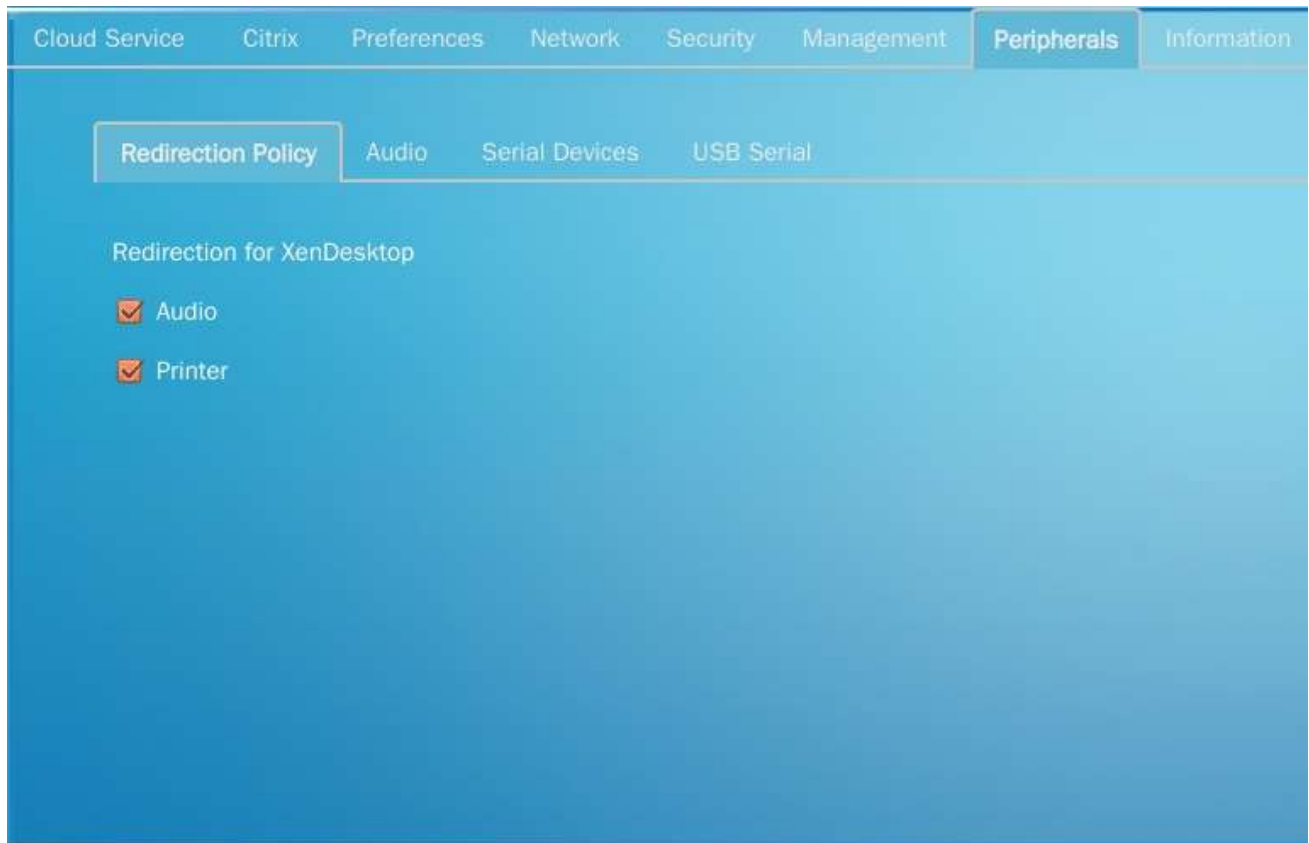


You can export the system needed to run the log to the U disk, follow these steps:

- 1、 U disk access to cloud terminal;
- 2、 See "Management Center" option is gray, if it is gray, click "Security Settings" option, and then lock the tab "Manager" option checked off;
- 3、 Click on the "management center", then click on the "log", click "Export Log" button in the interface to export logs;
- 4、 We will be there in the root directory of U disk exported log file format such as: 2014-2-8_12_12_15.dat

2.6 Device management



2.6.1Redirection Policy



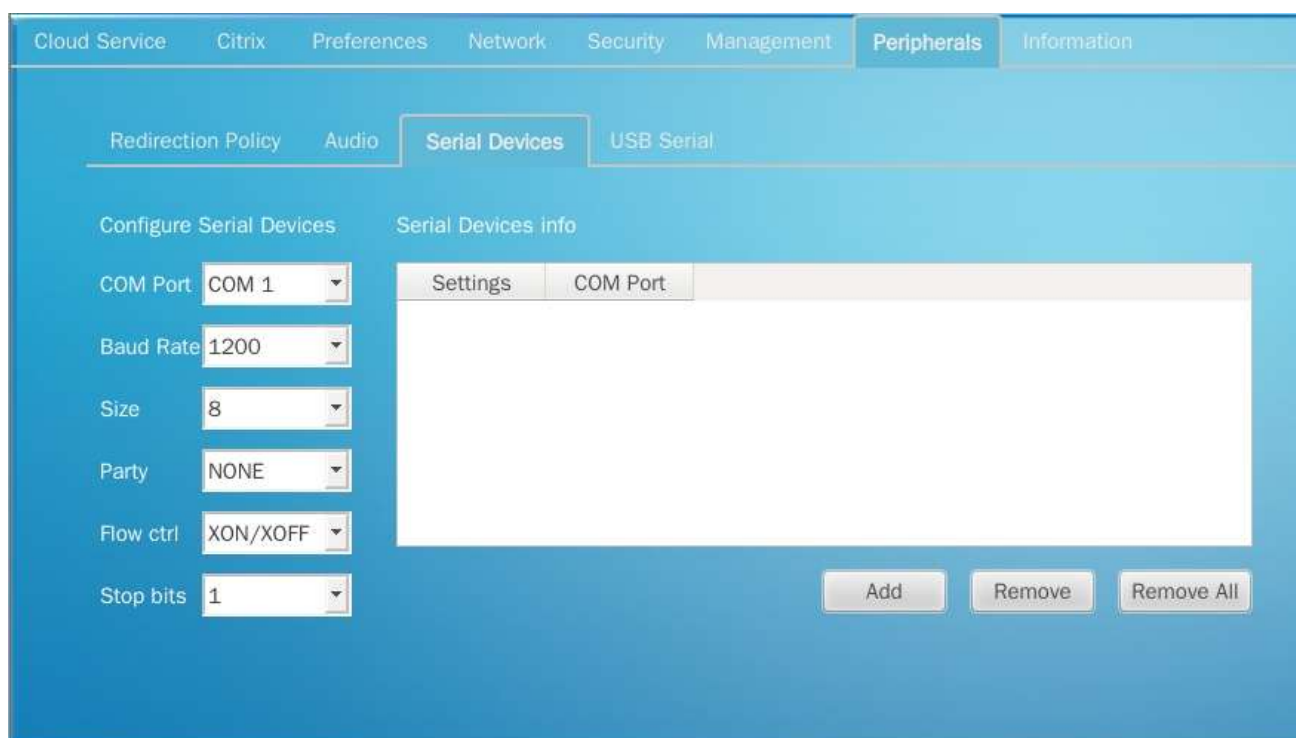
●

2.6.2Audio



- Enable speakers : Choose  Enable speakers which means sound is allowed to upload, volume can be set by dragging the rolling bar.
- Enable microphone : Choose  Enable microphone which means sound is allowed to download, volume can be set by dragging the rolling bar.

2.6.3 Serial Devices

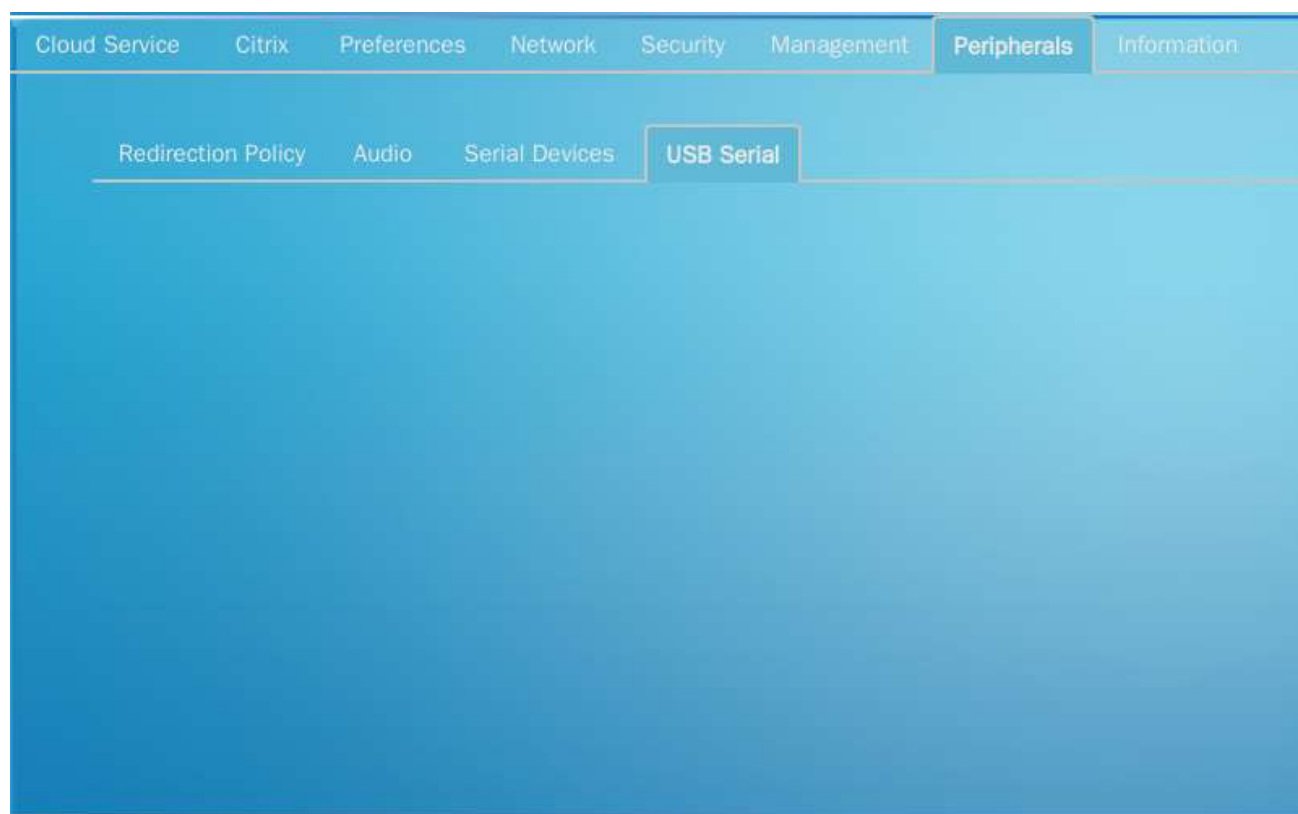


The screenshot displays the 'Peripherals' tab in the SmartCloud CT-series User Manual. The 'Serial Devices' sub-tab is active, showing configuration options for serial devices. The 'Configure Serial Devices' section includes dropdown menus for COM Port (COM 1), Baud Rate (1200), Size (8), Party (NONE), Flow ctrl (XON/XOFF), and Stop bits (1). The 'Serial Devices info' section contains a table with columns 'Settings' and 'COM Port'. Below the table are buttons for 'Add', 'Remove', and 'Remove All'.

Settings	COM Port

- Set serial devices as needed.

2.6.4USB Serial



2.7 System Info



- This displays system information, including equipment, network settings, firmware, and other information management center.



3 Cloud Computing Connectivity Service

3.1 Citrix Receiver connectivity



There are two types of connectivity mode: **PNAgent** & **Web Interface** under Citrix protocol.


3.1.1PNAgent






When PNAgent is chosen under Citrix interface, you need to click  to save the settings. Then it will enter Citrix Receiver login interface. Next time the device will default enter Citrix Receiver login interface when it is booted. In Citrix Receiver initializing login interface, please enter correct Citrix user name, password and domain information. After finishing this information and the network is normal, the login button  will be on, click this button to login Citrix environment.



There is a button  in the left interface, click the button to the desktop and application lists published by Citrix server, click on the appropriate icon, a mark showing “added already”  will be displayed next to the icon. The corresponding icon on the desktop or the application will be added to the user's home directory.

Click  button, the interface displays the desktop and application users to add.


You can exit Citrix by clicking the  button on top of interface; when you need to go away, you can click  button to lock Citrix interface ; when there are many applications and desktops on the server, you can search desktop or application using search function, enter keywords in the search window .



Click the icon will connect to corresponding virtual desktop or the application and application.

3.1.2 Web Interface

When you choose "Web Interface" connect mode under Citrix interface of settings, you

need to click  button to save settings. Citrix web connect method will be booted directly after saving. Besides, when you choose "Web Interface" as connect mode and save, next time the device will connect to Citrix server via web method automatically.



The above picture shows connectivity interface via Web method after entering correct user name, password and domain.

- **Applications published by server**





- Desktops published by server

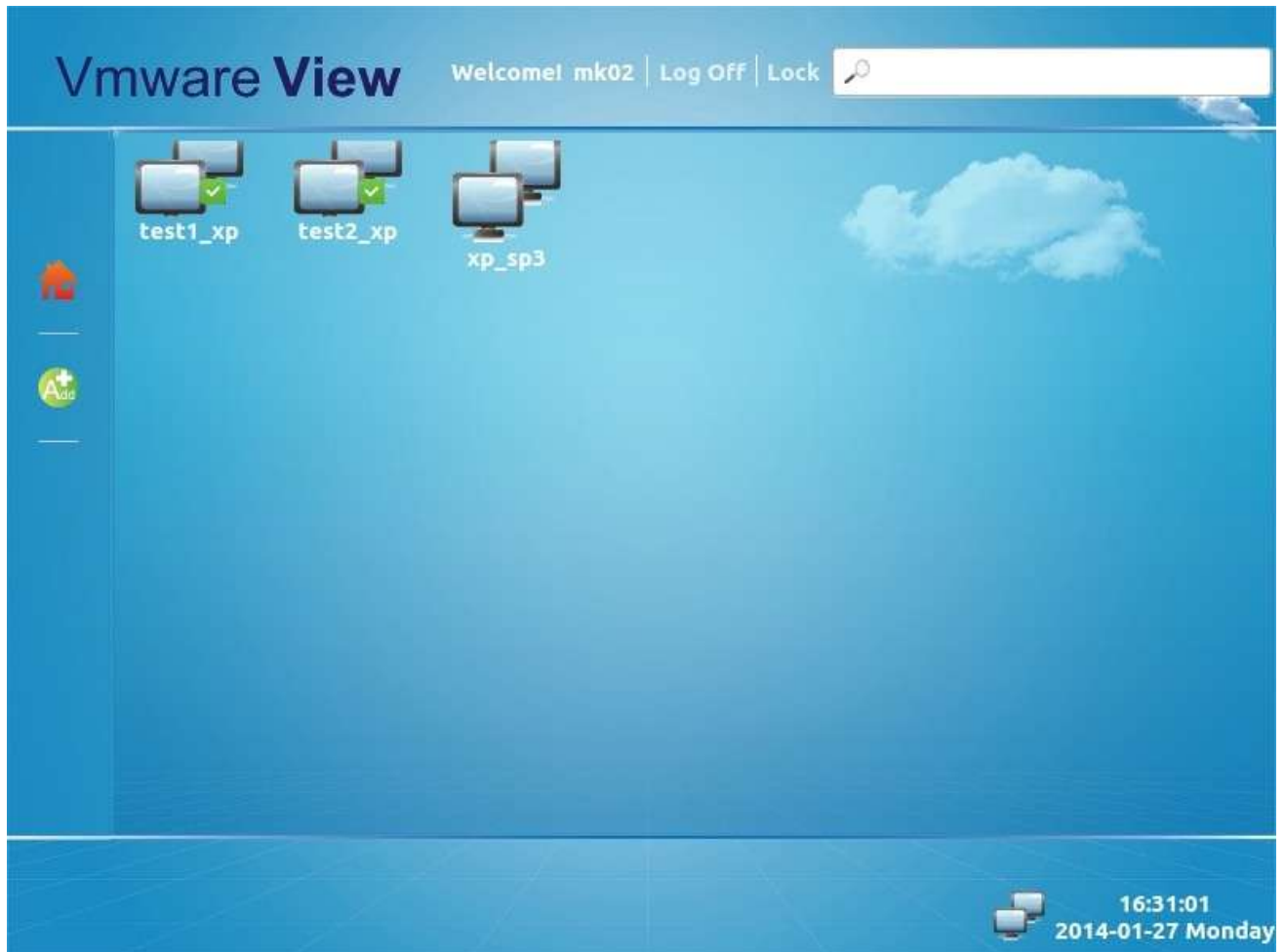




3.2 Vmware View connect


There are 2 protocols-PCOIP &RDP optional under Vmware View, the default is PCOIP connectivity protocol.

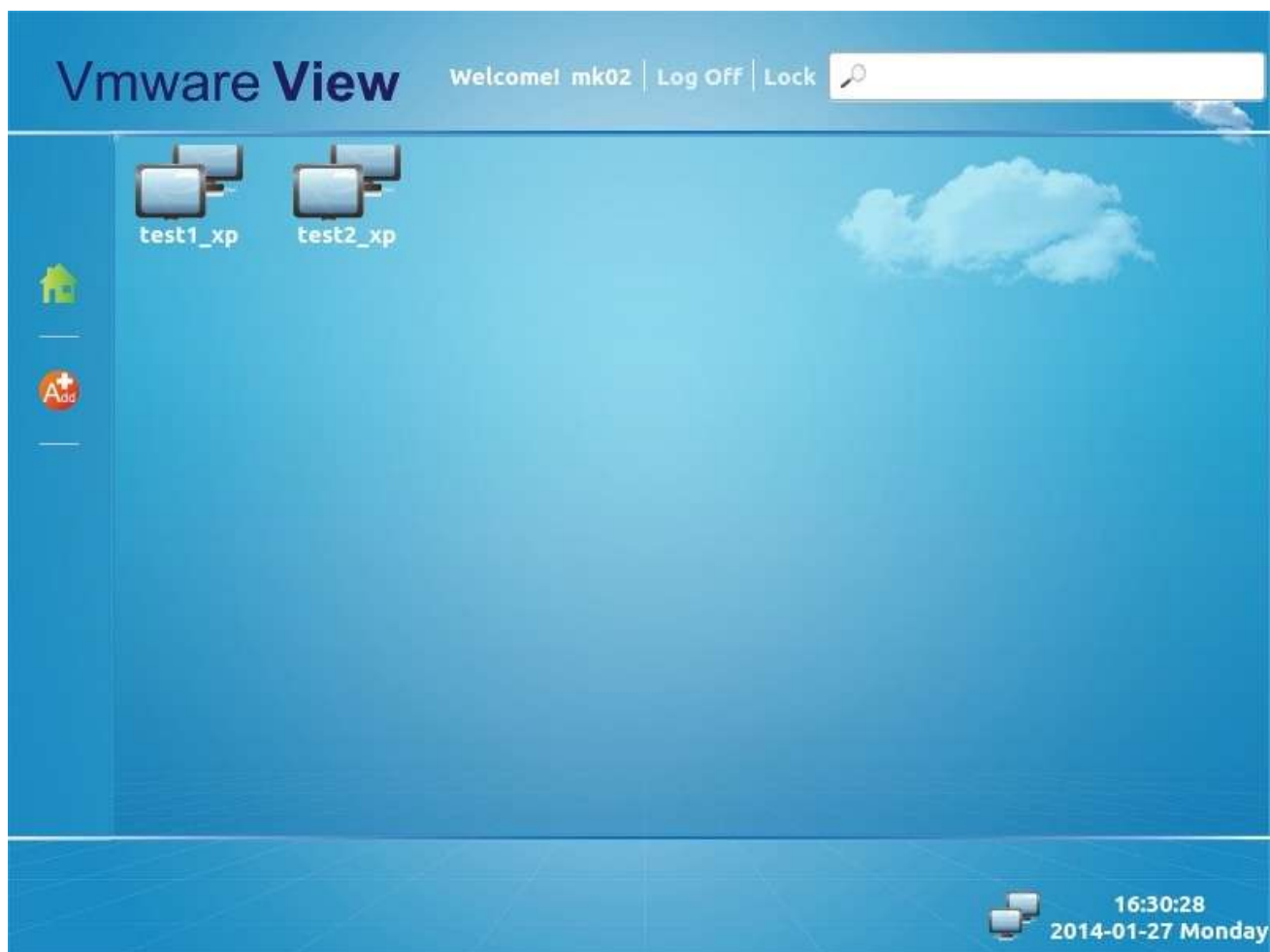


You can choose Vmware view under cloud computing service type, then choose "PCOIP" or "RDP "protocol , and set corresponding connectivity property, then click  button to save the settings. Enter Vmware View login interface after saving, next time the device will default enter Vmware View login interface when it is booted. In Vmware View initializing login interface, please enter correct Vmware user name, password and domain information. After finishing this information and the network is normal, the login button  will be on, click this button to login Vmware environment.



In  interface will list desktops and applications published by Citrix server, click on the corresponding icon, a mark showing "added already"  will be displayed next to the icon. The corresponding icon on the desktop or the application will be added to the user's home directory.

Click  button, this interface displays the desktop and application users to add. Click the icon will connect to corresponding virtual desktop and application.



3.3 RemoteFX connect



Note:

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and**
- (2) this device must accept any interference received, including interference that may cause undesired operation.**