

Kubisys Thin Capture™

# Getting Started Guide

Version 1.5



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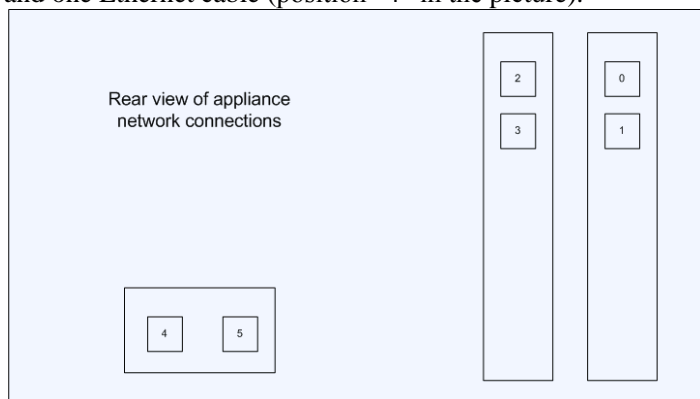
The goal of this document is to get you started with using the Kubisys appliance in as smooth a fashion as possible.

Before you begin, this is what you will need:

- The Kubisys appliance
- AC power (2 circuits at 110VAC/60 Hz and 5 Amps)
- One CAT5e or better connected to your network
- For static network address assignment, the IP address of your gateway, domain name, and DHCP servers and your subnet mask.
- License key file.
- IP addresses of any domain controllers you will be adding to Thin Captures.
- IP addresses of any standalone servers you will be adding to Thin Captures.
- IP addresses of any supported networked storage servers which host production server LUNs or which will be receiving them during storage migration
- IP addresses of any supported hypervisors which host production servers or which will be receiving cloned servers during pushback
- ISO images and license keys for any In-box servers you plan to add
- Patch files for any patches or hotfixes you wish to install

## Installation

Unpack the box containing the appliance. Install the two fixed rail section (two parts each) into a 19" rack. Attach the short rail sections which may be found in the small parts box to the sides of the appliance near the rear using two flat-head screws on each side. Slide the appliance into the fixed rails. Attach two power cables and one Ethernet cable (position "4" in the picture).



The power supplies will come on and the unit will begin its initialization routine.

## Power on the Appliance

When you see the LCD screen on the front panel (refer to illustration), you may either select a dynamic address served by a DHCP server on your network segment, or you may use the arrow buttons to input the

static address, subnet mask, gateway address, and up to three DNS server addresses. If you choose dynamic address assignment, the panel will display the address of the lease it obtained. Changing the IP of the Appliance will release all previous shadows created and clean the Appliance.



Use a machine on the network running Internet Explorer 6 or later to connect to the address of the appliance. You will need to have the Adobe Flash Player software installed on this workstation as well. The initial greeting screen will appear, log in using the default username 'kubisys' and password 'kubisys'.

The main navigation screen will appear. Click on *Setup*, you should find that everything is empty.

## Configuration

Click on *License* along the top, then click on *I Agree*. This button will change shade to indicate that you have assented.

Click on *Product Key* and on the left hand side highlight the Product Key row. Then click on *Upload* on the right, then navigate to where you have the license file stored on your workstation. Select it then click *Open*. It should show a progress bar, then the Details pane will display the license key period.

Go to *Discovery*. On the *Domains* screen, click *Add Domain* and fill in the following information for each Windows domain:

- domain name (case insensitive)
- username (with Domain Administrator rights)
- password
- LDAP Server (choose the DNS server for the domain)
- LDAP Server = 389 (default)

then click *Create New Domain*. It should show up on the LHS.

Click on the *Discover* button for the domain. It should show *Discovering*, then *Discovered*. Click on it again and the RHS will be populated with several entries, each with its own *Discover* button. Discover any of these which you plan to use, and see that they will show up in bold when their properties have been discovered by our software.

Repeat this process for all the domains you plan to work with.

If you have supported Storage Servers, click on this entry along the top, then *Create*, and fill in the fields for address, type, username, and password. Click on the button to create the server, which will appear along the LHS of the screen.

If you have supported Hypervisors, click on this entry along the top, then *Create*, and fill in the fields for name, address, type, username, and password. Click on the button to create the hypervisor, which will appear along the LHS of the screen.

If you have additional servers you wish to use that are not part of one of the domains you discovered, click on the *Standalone Servers* entry along the top, then *Create*, and fill in the fields for name, address, username, and password. Click on the button to add the server, then on the *Discover* button for it.

Go to *Permissions*. The server names you have discovered should show up on the LHS. Highlight the *Kubisys* user on the RHS. Ctrl-click the servers and drag them all to the lower right hand pane User permitted servers.

If you have patches, click on *Shares*. On the LHS, click on Shares, then create a subdirectory. Then click on Upload to upload the patch or hotfix from your workstation into that directory.

If you have an ISO file you wish to install as a In-box server, click on *Shares*. Highlight *ISOs* on the LHS, then click on *Upload* to upload the file into that directory. Then click on *In-box servers*, fill in the information fields for the server you will be building, and use the pulldown to select that ISO file.

## Create and work with Thin Captures

Click on *Launch Screen* and then *Thin Captures*. You should see the servers under Production View. Everything else except Workflows looks empty.

In the Production pane, click on one of the servers. It will show up under the Properties heading with some information. Double-click that entry to see the detailed info discovered about the production server.

Click on *Capture Shadow*. It will begin capturing a Thin Capture of that server by itself. It should take no longer than fifteen minutes to be through. Any messages or errors will appear in the lower right hand pane.

When it is done, a glowing orange sphere will appear in the Navigator pane up top. Click on it to see the server captured into the Thin Capture. You can click on the server in the middle pane, then on *Console* to make a private connection to the cloned server, log in to it, and interact with it as you would when sitting at the console of your production server. You can also *Stop* or *Shutdown* the cloned server without affecting the production server.

Please refer to the User Guide for complete details regarding the usage of the Kubisys Appliance and the UI.

## Contact

Our knowledgeable technical and sales forces welcome inquiries about Thin Capture™ and our solutions. See reverse for details.

## Contact Information

Call: 973-513-9350

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