Recovery ThinInx OS to Disk

• Create bootable USB drives

Create bootable USB drives for Ghost tools , download Rufus from http://rufus.ie/

Boot selection ISO : ghost12.iso

Rufus 3.5.1473 (Beta)	-	- 🗆 X
Drive Properties		
Device		
CCSA X64FRE (D:) [32 GB]		~
Boot selection		
Disk or ISO image (Please select)	~ 😔	SELECT 🔽
Partition scheme	Target system	SELECT
GPT ~	UEFI (non CSM)	DOWNLOAD
 Show advanced drive properties 		
Format Options ———		
Volume label		
CCSA_X64FRE		
File system	Cluster size	
FAT32 (Default) \sim	16 kilobytes (Defau	ilt) 🗸 🗸
 Show advanced format options 		
Status		
REAL	ργ	
() î ≉ 🖩	START	CLOSE
device found		

Partition scheme and Target system :

Partition scheme		Target system	
MBR	\sim	BIOS or UEFI	~

File system and Cluster size:

File system	Cluster size	
FAT32 (Default)	4096 bytes (Defau	ılt) ~

After finishing save GHO file to USB drive, [example: ThinClient-GLA-4.16.18-1611.GHO] ;

• Recovery ThinInx OS to Disk

Insert the USB drive into the Thin Client and turn on the Thin Client device;

When booting up, press the shortcut key "F11" to enter the boot menu, and select USB drive to boot;

[Note: Different USB drive show different names for booting USB drive]

Please select boot device:
UEFI: Built-in EFI Shell IBA GE Slot 0500 v1404 SSATA PO: TOSHIBA MG03ACA100 Netac OnlyDisk 1.00 Enter Setup
↑ and ↓ to move selection ENTER to select boot device ESC to boot using defaults

After booting the USB drive, a window is displayed, waiting for the automatic output of data in the window; Go to the "Ghost" interface and click "OK" in the displayed prompt;

Broadcom Bhost 12.0.0.1	1197 Copyright (C) 2020 Broadcom Inc. All rights reserved.
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	Symantec Street

Select the image file to install the system, click "Local", "Disk", and "From Image" respectively;

Broad	dcom Ghost															×
Broa	dcom Ghost 1 Local	2.0.0	.11197 Disk	Copy	rright () To Dis)) 2021	l Bro	adeor	n Inc	., 111 ei	ghts i	reservi	ed.			
Symantec	Peer to peer GhostCast Options Help Quit	Retion	Partition Check	Disk	To Im	iage Image] ©	S	ym	nan	tec		522/17		Renters	

Select the USB drive storing the image file;

E Broadcom Ghost		
Broadcom Shost 12	.0.0.11197 Copyright (C) 2020 Broadcom Inc. All rights reserved.	
	Image file name to restore from	
	Look jnt 🔁 X: (Boot) Local drive 💽 💼 🗮	
	Narr 2 III L Local drive Date C 2:1: EDVD_ROMJ NTFS drive 0 07:00:00 RM PInst 2:1: EDVD_ROMJ NTFS drive 0 07:00:00 RM	
	File gamei Qpen	
	Files of type: *.6H0	
	Image file description:	
SCOLORISCOLORISCO	ann Na Maria an Annais an	THE CHARGE CONTRACT
Current path is Million	ist\w.6H0	

Select the system file in the USB drive, "ThinClient-GLA-4.16.18-1611.GHO";

Look in:					
LOOK JIN		J_HUMJ N1F5 drive			
in boot efi	name	Jize	07/31/2020 07/31/2020 07/31/2020	05:38:48 AM 05:38:48 AM 05:38:48 AM	
ThinClien	t-GLA-4.16.18-161	3,467,643,400	08/29/2020	05:52:48 PM	
	THE OF LE	10.410.10.1014	010		
File <u>n</u> arme:	ThinClient-G	LA-4.16.18-1611.	GHO	<u>Q</u> pen	
File <u>parne</u> : Files of <u>type</u> :	ThinClient-G *.GH0	LA-4.16.18-1611.	GHO	<u>Q</u> pen Cancel	
File <u>n</u> ame: Files of <u>type</u> : Image tile <u>d</u> es:	ThinClient-G *,GHO cription:	LA-4.16.18-1611.	GHO	<u>Open</u> <u>C</u> ancel	

Select the hard disk to be installed and click "OK";

	Select la	ical destinat	tion drive by clicking on the	e drive numl	ber			
	Drive	Location	Model	Size(MB)	Type	Cylinders	Heads	Sectors
	1	Local	TOSHIBA MG03ACA100 FL2A	953869	Basic	121601	255	63
	80	Local	DS Volumes	18390	Basic	2344	255	83
L	-			- 	•,		-	

Adjust the size of the new partition, adjust the partition size to "235"; click "OK" after the modification is complete;

lestina	tion Drive	Details						
Part	Type	Letter	ID	Description	Label	New Size	Old Size	Data Size
1	Primary	0	81	Lines		235	235	14
2	Primary	D:	83	Linux		3137	3137	3137
3	Primary	E	83	Linux		156	156	156
					Free	950338	11749	
					Total	953869	15279	3309
			<u>u</u> ř,		[<u>C</u> ancel		
	-		<u>, , , , , , , , , , , , , , , , , , , </u>		24			

Restore the image file to the disk, click "Yes";

iroadcom Ghost 12 Progress Indicato	0,0,11197 Copyright (C) 2020 Broadcom Inc. All rights reserved.	
0% Statistics Percent complete Speed (MB/min) MB copied MB remaining Time elapsed	Question: (1822) Proceed with disk restore? Destination drive will be permanently overwritten. Yes	100%
Details Connection type Source Destination Current partition Current file	Local Local file C:\ThinClient-GLA-4.16.18-1611.6HO, 15279 MB Local drive [1], 953869 MB	
	Symantec.	

The system starts downloading and waits for the progress to complete;

Progress Indicator				
0%	25%	50%	75%	100%
Statistics				
Percent complete	4		- 1. A	
Speed (MB/min)	7920			
MB copied	132		1	7
MB remaining	3184			1
Time elapsed	0:01			/
Time remaining	0:24			
Details	10.000			
Connection type	Local Local file Ct\ ThinCli	inst-CIA_4 16 18-1611 (CHA 15270 MR	
Destination	Local drine [1] 95	3869 WR	DNU, 19279 ND	
Current partition	2/3 Tupe:83 [Linux]. S	ize: 3137 MB		
Current file	/boot/vmlinuz-4.16.18	in an		
		el-		
		V Svm	antec	

After the progress is completed, the Thin Client will be restarted after pressing the keyboard "Enter" key in the displayed prompt;

Progress Indicator	1			
0%	25%	50%	75%	100%
		Clone Complete (191	2)	
Statistics Percent complete Speed (MB/min) MB copied MB remaining Time elapsed Time remaining	100 3372 3316 0 0:59 0:00	Clone Completed	Successfully ue <u>B</u> eset	Computer
Retails				
Connection type Source Destination Current partition Current file	Local Local file C:\Thin Local drive E13, 1 3/3 Type#83 LlinuxJ /boot/vmlinuz=4.16	Client-GLA-4.16.18-1611 953869 MB I, Size: 156 MB .18	GHO, 15279 MB	
		d-		

The Thin Client restarts, and after the restart is complete, enter the Thin Client interface;



Remarks: During the installation the ThinInx OS installer automatically Registers the 30 Day Free Trial with the ThinLnx License Server, you must be connected to the Internet with a DHCP Server on the local Network for the Free Trial to successfully Register your device.

• ThinInx OS activation license

Check system trial status: Click "Setup" -> "Manage" -> "sysinfo" to view system information and trial status;

OS Version: E		
	Enterprise Edition	
Processor: 1	Intel(R) Celeron(R) CPU N2805 @ 1.46GHz	
RAM: 1	1957880kB	
Frequency: 1	DDRIII 1600Mhz init freq	
Graphics: 1	Intel Corporation Device Of31 (rev Oa)	
Storage: I	Disk /dev/sda: 16.0 GB	
NIC: F	Realtek Semiconductor Co., Ltd. RTL8111/8168B PCI	
Sound: 1	Intel Corporation Device Of04 (rev 0a)	
Opt: s	sse2, sse3, ssse3, sse4.1, sse4.2	
OS: 1	Thinlnx Linux	
Kernel: L	Linux 4.16.18	
Firmware: 2	2012111611	
DevName: 1	TC001	
Resolution: 1	1920×1080	
IP Address:	172,16,128,190	
MAC Address:	00E26922E2F1	
Activate: n	ot activated, Number of trials remaining: 29	
vDesktop Licen	nes: trial license	

Purchase authorization activation method: Click to enter "Setup" -> "Manage", click "Activate" and "License" respectively, the device will be restarted during the activation process;

Manage Settings	
AutoConfig	TimeSync sync
Start Wait time: second (1-30 Second, default 3)	Time Server:
Firmware (Version: ix 2012111611)	✓ VNC Remote Control
Type: 🔿 Usb Disk 💿 network update	Password:
Update Server: 172.16.128.10	Re-Enter:
PPTP Server:	Secondly NIC: Not find network
	Address type: 🔿 Static 💿 Dynamic
User: Password:	IP Address:
dns record to hosts file	Subnet:
Record1:	Gateway:
Record2:	DNS Server1:
Example: 172.16.128.1 node.thinvirt.dg	DNS Server2:
License Activate sysinfo	Save Modify Exit

Complete activation system status:

	system info			
OS Version:	Enterprise Edition			
Processor:	Intel(R) Celeron(R) CPU N2805 @ 1,46GHz			
RAM:	1957880kB			
Frequency:	DDRIII 1600Mhz init freq			
Graphics:	Intel Corporation Device Of31 (rev Oa)			
Storage:	Disk /dev/sda: 16.0 GB			
NIC:	Realtek Semiconductor Co., Ltd. RTL8111/8168B PCI			
Sound:	Intel Corporation Device OfO4 (rev Oa)			
Opt:	sse2, sse3, ssse3, sse4.1, sse4.2			
OS:	Thinlnx Linux			
Kernel:	Linux 4.16.18			
Firmware:	2012111611			
DevName:	TC001			
Resolution:	1920×1080			
IP Address:	172,16,128,188			
MAC Address:	00E26922E2F1			
Activate:	activated			
wDesktop Lice	enes: authorized			