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### Network Topology

UIS normal networking environment

#### Configuration Step

## 1. Obtaining host information files

To obtain UIS Manager licenses, you must first obtain host information files of the management node and download the files to the local disk.

To obtain host information files:

(1)Access the UIS Manager login page.

(2)Click Product Registration.

Figure 1 UIS Manager login page



(3) Enter the root password (admin by default), select Request or Update a License from the License Actions field, and then click Next.

Figure 2 Specifying a license action

Product Registration				×	
1 Actions	2 Registration 3 Download Files		Details		
		License Actions	Request or Update a Li		
			Country/Region	China	
Root Password*			End User Info		
License Actions*	License Actions* Request or Update a License		User Name		
Country/Region* China 🔻		•	Country/Region	China	
			Province/City		
			Company/Org		
			Address		
			Postcode		
			Email Address		
		Next	Phone		
			A 15 11 1		

(4)Enter the end user information and applicant information, and then click Next. Figure 3 Entering registration information

oduct Registration				×
1 Actions	1 Actions 2 Desistration		Details	
	Errogionation	o bonnioud i noo	License Actions	Request or Update a Li
			Country/Region	China
End User Info*	Applicant Info*		End User Info	
User Name*			User Name	
Country/Region*	China	~	Country/Region	China
Province/City*			Province/City	
Company/Org*			Company/Org	
Address			Address	
Postcode			Postcode	
Email Address			Email Address	
Phone			Phone	
			Applicant Info	
		Previous Next	Name	

# (5)Click Download.

The host information file package is downloaded to the local disk. Figure 5 and Figure 6 show the dec ompressed host information files for standalone deployment and stateful failover deployment, respectively.

Figure 4 Downloading host information files

Product Registration		×		
1 Artions 2 Revisitration 3 Drawnload Files	Details			
	License Actions	Request or Update a Li		
Download the host information file and register the software according to the installation	Country/Region	China		
guide.	End User Info			
Host Into File	User Name	test		
	Country/Region	China		
	Province/City	beijing		
	Company/Org	h3c		
	Address			
	Postcode			
	Email Address			
Previous Close	Phone			

Figure 5 Host information files for standalone deployment

🏭 UIS_hosts_info .tar.gz					- • ×
文件(F) 命令(C) 工具(S) 收藏夹(O) 选项(N) 帮助(H)					
日日         編集         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <th1< th="">         1         1         <th1< th=""></th1<></th1<>	向导信息	) () 日描病調	ş.		
↑ IIIS_hosts_info .tar.gz∖UIS_Licenses - TAR+G	IIP 压缩文件, 解包	1大小为 4,887	字节		-
名称	大小	压缩后大小	类型	修改时间	CRC32
<b>B</b> .			文件夹		
UIS_host.info	1,493	?	INFO 文件	2019/8/20 8:08	
UIS_onestor_172.20.216.1_host_info	3,394	?	1_HOST_INFO 文件	2019/8/20 8:08	
<b>n n</b>		总计 4,8	387 字节(2 个文件)		

Figure 6 Host information files for stateful failover deployment

UIS_hosts_info.tar.gz				
文件(F) 命令(C) 工具(S) 收藏夹(O) 选项(N) 帮助	H)			
↑ Martin Content and A the test of te	GZIP 压缩文件, 解包大小为 10,482 字节			
3称 ^	大小 压缩后大小 类型 修改时间 CRC32			
l .	文件夹			
UIS_host_172.16.125.201.info	1,149 ? INFO 文件 2019/8/20 13:45			
UIS_host_172.16.125.208.info	1,149 ? INFO 文件 2019/8/20 13:45			
UIS_onestor_172.16.125.201_host_info	3,394 ? 201_HOST_INFO 文件 2019/8/20 13:45			
UIS_onestor_172.16.125.208_host_info	4,790 ? 208_HOST_INFO 文件 2019/8/20 13:45			
■ <b>~</b> ⊙	总计 10,482 字节(4 个文件)			
NOTE: • UIS_host.info is the host information file for the UIS management node, and UI S_onstor_ip_host.info is the host information file for the distributed storage manage ment node. • Do not edit the names of the host information files.				

In a stateful failover environment, you will get two sets of host information files, which are distinguished by the management IP addresses of the primary and backu p management nodes.

### 2. Obtaining license keys

UIS Manager provides official license keys and temporary license keys.

### (1)Official license keys

In a formal project, the license keys are included in the software license certificates attached to the d

elivered equipment. Figure 7 shows the software license certificates of a project.

Figure 7 Software license certificates



### (2)Temporary license keys

To obtain temporary license keys, contact the franchiser or H3C sales.

3. Obtaining activation files

### 3.1 Obtaining the UIS and CAS activation file

(1) Access <a href="http://www.h3c.com/en/Support/Online\_Help/License\_Service/">http://www.h3c.com/en/Support/Online\_Help/License\_Service/</a>.

Figure 8 Product licensing



## (2)Click Register the First Time.

(3)Select Cloud\_H3C UIS HCI Platform as the product category. Figure 9 Obtaining the UIS and CAS activation file

нвс	Products & Technology +	Solutions - Support -	Training & Certification +	Partners ≁ About Us ≁	
Registers licenses for a d	er the First Time				
Home > Support > Online H	telp + License Service + Register the First Time				
To register a device add-ons, add-on fea	license that has not previously been activated, please select tures, or a time extension, please select Register Upgraded L	a product category. To register icense in the menu on the left.	Licens Register	e Service he First Time →	
Select product category. Product category Input the license ker	y Claud_10C UIS HCI Platfrom		Register V	lpgrade Licenses	
	Submit If you are unsure of the product category, enter the license ke	y and click Submit.			

(4)In the License information field, upload the UIS and CAS license keys from an excel file or enter th e license keys.

Figure 10 Uploading or entering the UIS and CAS license keys

License information

Upload license keys from	浏览 」	Upload
excel file	Download the template	
Input license keys or select by sales contract		Clear
	Continue adding license key	

(5)In the Device information field, upload file UIS\_host.info.

(6) To obtain a stateful failover activation file, select Stateful failover for the Select failover type parame ter, enter the service contract number, and upload the host information files for the primary and backu p devices.



Figure 11 Obtaining a stateful failover activation file[XR更新1]

Device information Select failover type	○None●Stateful failover		
Service contract number		* Request provisional s	tateful failover activation keys
Primary device			
Device information file	UIS_host_10.99.221.161.ii 选择文件	未选择任何文件	Upload *
Secondary device			
Device information file	选择文件 未选择任何文件	Upload *	

(7)Enter the contact information, and then click Get activation key or file. Figure 12 Entering contact information

Contact	Inform	antior
CUIILAUL	IIIIUIII	allui

Customer		*
company/organization		
Company/Organization		*
First name		•
Last name		
Phone number		*
Email address		
Zip code		
Address		
Project name		
Verify code		8763
	□ I accept all terms of H3C Legal	Statement *
	Get activation key or file	Cancel

# 3.2 Obtaining the ONEStor activation file

(1)Access <u>http://www.h3c.com/en/Support/Online\_Help/License\_Service/</u>. Figure 13 Product licensing

			in X Log in S) Country	/Region
HBC	Products & Technology -	Solutions - Support -	Training & Certification - P	artners <del>-</del> About Us -
Support				View All >
Resource Center		Policy		
Software Download	Technical Documents	Service Bulletin	Product Life C	cle Management Strategy
Knowledge Base		Channel Service	Service and W	arranty
Online Help				
License Service	Warranty Query			
H3C Product Anti-Counterfeit Query	Service Hotlines			
Ropair & Roplace	Community(Simplified Chinese)			

# (2)Click Register the First Time.

(3)Select Distributed Storage\_H3C ONEStor as the product category. Figure 14 Obtaining the ONEStor activation file

Home > Technical Support	Product Licensing      Regis	ster the First Time   Register the First Time
Service and Support Policy     Technical Documents     Software Download     Tools & Resources	To register a device lic register add-ons, add- on the left.	ense that has not previously been activated, please select a product category. To on features, or a time extension, please select Register Upgraded License in the menu
Repair & Replace     Product Licensing     Register the First Time     Register Upgrade Licenses	Select product category. Product category Upload license keys from excel file Input license keys or select by sales contract Device information Select failover type Device information file Contact Information Company/organization Company/organization Company/Organization Company/Organization First name Last name Phone number Email address Zip code Address Project name Verify code	Distributed Storage_H3C ONEStor
		提示: * Required field

(4)In the License information field, upload the ONEStor license keys from an excel file or enter the license keys.

(5)In the Device information field, upload file UIS\_onstor\_ip\_host.info.

The ip argument represents the IP address of the management node.

(6) To obtain a stateful failover activation file, select Stateful failover for the Select failover type parame

ter, and then upload the host information files of the primary and backup devices.

(7)Enter the contact information, and then click Get activation key or file.

## 4. Registering the licenses

(1)Log in to UIS.

(2)Click System on the top navigation bar.

(3)From the navigation pane, select Licensing.

(4)Click Register License.

Figure 15 License management page

LIS HCI Management	≡ <sup>®</sup> Dashboard	<b>⊠</b> ∨Ms	Networks	Storage	Hosts	¢ Services	<b>A</b> Alarms	8	Hot Key 👻	t   🕬	≡0	🤱 admin
🝰 Component Management 🗸	Licensing											0
Security Management ~	Collect Host Info		egister License									
💄 Operators & Groups 🛛 🗸	License Info				Product Fe	aturas		Current V	/ereion			
Operation Logs					Compute	Virtualization						
🗐 Log Collection	Version	Standan	d Enhanced E	lition	V	I Lifecycle Ma	nagement	0				
	Manageable CPU	s 1024			V	Online Migra	tion	0				
🛃 Parameters 🗸 🗸	Managed CPUs				H	•		0				
🗠 Data Backup	License Validity				DF	RS		0				
個 NTP Server	License Code				SF	BM		0				
LB trit contor					DF	X		0				
Stateful Failover	CAS License				G	PU Resource F	lool	0				
🗙 Multicluster Management	Version	Enterpris			Ci	oud Rainbow		<b>S</b>				
@ Licensing	Manageable CPU	s 1024			Network	rinualization	ch					
To closing	Managed CPUs				Di	tributed Virtus	I Firewall					
	License Validity				Ha	rdware SR-IO	V	š				
	License Code				DF	ЮK						
					IP	6		ő				
	Distributed Storage	License			Storage \	ritualization						
	Version				Fla	ish Memory		0				
	Max. Size				SS	D Cache		0				
	Used Size				Er	asure Coding		0				
	License Validity				Au	to Data Recor	figuration	0				
	License Code				AL	to Data Balan	cing	0				
					St	prage Thin Pro	visioning	0				
					VM Secu	ity						
					VI	Anti-Virus		0				

(5)Click Browse to select the UIS and CAS activation file (.lic) and the distributed storage activation fil e (.lic), and then click OK.

Figure 16 Registering licenses

Register License		×
Download the host infor guide.	mation file and register the software according to the installation	
UIS	Browse	
Distributed Storage	Browse	
	OK Cance	el 🔄

After the licenses are registered successfully, you can view license information on the license manag ement page.

Key Configuration