

iQuila Cloud Guide to Setting up a Bridge in Windows

IQ22071r6

This Document Applies to:

iQuila Cloud

www.iQuila.com

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iQuila cloud guide to setting up a bridge in windows.

Introduction:

The iQuila Cloud Bridge software is an advanced AI-driven application that can bridge your entire network to the iQuila Cloud Layer2 virtual switch, this advanced software can be used in several different scenarios. This document will provide instructions on installing and setting up the Bridge software, you will be required to have a good understanding of Layer 2 networking.

Please use this software with great caution, incorrect use of this software could expose your network or cause network Loops.

(Please take care not to cause a Layer 2 loop).

Prerequisites

Create a Bridge Device on your iQuila Cloud account. An email will be sent to you if you enter an email address, otherwise you can download the <u>iQuila Windows Bridging software</u> here or via the iQuila Cloud Portal next to your device and save it to the Windows Server or Windows PC that you would be installing the bridging software on.

(Please note, this software should not be installed on laptops or tablet devices).

Installing iQuila Bridge:

Install the iQuila Bridging software by launching the application from the email link or from the file you <u>downloaded</u> from the Cloud Portal.

🐻 iQuila Cloud Bridge Setup		×
Welcome to iQuila Cloud I	Bridge Setup	Advanced Installer
	Welcome to the Wizard for iOuila Cloud Bridge Setup.	
Collecting information		
Preparing installation		
Installing	The Setup Wizard will install iQuila Cloud Bridge on your computer.	Please click
Finalizing installation		
	<back next=""></back>	Cancel

Accept the License Agreement.



You may change the install path of the application, but we would recommend this is left to the default path.



Once the wizard is ready, proceed with the install.



💿 iQuila Cloud Bridge Setup		
iQuila Cloud Bridge Setup	Complete	Advanced Installer
	Click the "Finish" button to exit the Setup	Wizard.
Collecting information		
Preparing installation		
Installing		
Finalizing installation		
	< Back	E Finish Cancel

You must restart your system for configurations to take effect. This is mandatory for the software to function correctly.



To launch the iQuila Bridge application click on the iQuila Bridge Manager icon that has been placed on your desktop. This will launch the iQuila Cloud Bridge Manager.



Click finish.

🧒 iQuila Br

iQuila Cloud Bridge Manager.

Click Connect

Please note if for some reason there is no entry here you will need to add a Bridge. Go to the section below in this document labelled Adding a Bridge.

The system will ask you to create a new password. Enter a new password in the password box and click OK.

You will be prompted with a statement asking you to confirm that you have had training and understand how Layer 2 networking works. If you understand Layer 2 networking, please proceed. Alternatively, please contact iQuila Support.

The wizard will ask for confirmation to use the current settings. Click Yes.

illa Cloud Bridge Manage	r for Windows and Linux B	ridges:		
Connection Name	iQuila Server Hostna Iocalhost	Operation Mode Entire VPN Server	Company Name	Contact N
				_
About iQuila Ltd	New Bridge	Delete Bridg	e C	onnect
hange Adminis	trator Password	of localhost		
 Change the password a 	administrator pa nd click OK.	ssword of the se	erver localhost. E	nter the n
New Passwo	rd:			
Confirm Passwo	rd:			
		ОК	c	ancel
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la Bridge Setup	Actor		SD-LAN LA NETWORKS	pyright (Quba Lid 2
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Al Empowerd Ethernet I Bidge my local LAN to Cal Lan Vo autom This Is attempt you ethnorit to lock up.	Bidging Sothare Bidging Sothare the Rould Social the Rould Bidging Cause a te	AI EMPOWERED SOTWARE DEFINED	SD-LAN LAN NET YOORS could cause your Next >	Close
Al Emgewerd Ethernet (Bridge my local LAN to aution This is entremely re brown to lock up. confirm that I have taken) Quila Bridge at Each Si illa Bridge Setup	Bidging Software Inte Koulia Groud Dopowerful software, Miscord the iQuila Bridging Cause at te	AI EMPOWERED	SD-LAN	Close
Al Empowered Ethernet 1 Al Empowered Ethernet 1 Bridge my local LAN to t aution This is extremely tethnon to lock up. confirm that I have taken Coulia Bridge Setup IQuila Bridge Setup IQuila Servee TQuila Servee TQuila Servee TQuila Servee TQuila Servee	bidging Software he Kulla Cloud the Kulla Cloud the Kulla Cloud the Kulla Cloud the Kulla Cloud the Rulla Bridging Cause of the Rulla Bridging Cause of t	AI EMPOWERED SOTVARE DEFINED	SD-LAN LA KETWORKS could cause your Next >	Close

AI EMPOWERED SD-LAN

QUILA

Bridge my local LAN to the iQuila Cloud

O iQuila Bridge at Each Site

Caution! This is extremely powerful software, Misconfiguration of this software could cause your network to lock up.

Next >

Close

I confirm that i have taken the iQuila Bridging Cause and understand the risks

iQuila Bridge Wizard Step 1

Entering the iQuila Cloud Bridge Account details.

Select Cloud Account Setup.

Note: Details required here are in the email sent when the Bridge device was created.

Cloud Account Setup

Display name:

Enter a name for your Cloud Device. E.g Device name or location

Host Name:

This is the Hostname of the iQuila Cloud server you are connecting to. This will be shown in the email that was sent when you created your device on the iQuila Portal.

Port Number:

Please leave this as 443 unless directed otherwise by iQuila support.

Virtual Switch:

The name of the virtual Switch that your Bridge device resides on.

Device Name:

The iQuila Bridge Device Name.

Password:

The password you created for the device. **Proxy setting:**

If you are connecting via a Proxy server, please enter the correct Proxy information Click OK.

The new connection will show online. Click Exit.

tep 1	Enter your iQuila Cloud Bridge Device Details	
	Cloud Device Account Settings	
tep 2	Select The Network Card to Bridge to the IQuila Cloud	
	Select the Ethernet device to establish the bridge connection.	

annarion regima active	
Display Name:	
Specify the iQu information, th	iila Cloud Hostname, Port number and Virtual Switch is will have been provided in you configuration email.
Host Name:	
Port Number: 4	43 V Disable NAT-T
Virtual Switch:	~
er Authentication Set	ting:
er Authentication Set	ting:
er Authentication Set Set the user authen Server. Auth Type:	ting: titation information that is required when connecting to the iQuila Standard Password Authentication \sim
er Authentication Set Set the user authen Server. Auth Type: Device Name:	ting: tication information that is required when connecting to the IQuila Standard Password Authentication \checkmark
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Set the user authen Server. Auth Type: Device Name: Password:	ting: tication information that is required when connecting to the IQuila Standard Password Authentication \checkmark
er Authentication Set Set the user authen Service Auth Type: Device Name: Password:	ting: tication information that is required when connecting to the iQuila Standard Password Authentication \checkmark

Setting Name	Status	Established at	Destination iQuila Ser	Virtual Switch
🖕 New York Network	Online (Established)	2021-10-20 (Wed) 12:03:44	ven-master.ny.usa.iqui	

iQuila Bridge Wizard Step 2

Select the Network Card to Bridge to the iQuila Cloud.

Step 1	Enter your iQuila Cloud Bridge Device Details	
	Cloud Device Account Settings	
Step 2	Select The Network Card to Bridge to the iQuila Cloud	
	Select the Ethernet device to establish the bridge connection.	~

Select the dropdown and select the Network adaptor you would like to Bridge.

Once selected, click Close. This will now bridge your network to the iQuila Cloud Switch.

Click Close.

(All traffic that is located on this network adaptor will now be bridged.)

To check your Bridge connection select Local Bridge Settings.

The status of the Bridge is showing Operating.

Select Exit twice to close.

👔 iQuila	Bridge Setup	×
*	Quila Bridge Wizard	
Step 1		
- C	Enter your iQuila Cloud Bridge Device Details	
_		
	Cloud Device Account Settings	
	cloud Device Account Settings	
Sten 2		
Step 2	Select The Network Card to Bridge to the iOuile Cloud	
	select the Network card to bridge to the Iquila cloud	
	Select the Ethernet device to establish the bridge connection.	\sim
	Select the Ethernet device to establish the bridge connection.	
	Ethernet [Realtek PCIe GbE Family Controller (ID=0320700670)]	
		Close

Manage iQuila "localhost"	Bridge			_		~
iQuila Laye	er2 Bridge Settings					
00	Manage Virtual Switch	44	Local Brid	ge Settin	9	

lumb	Virtual Switch Name	Network Adapter or Tap Device Name	Status Operation
VU	N Transparency Settir	ng Tool	Delete Local Bridge
lew Ne	v Local Bridge Definit Select the Virtual Sw	ion: vitch to bridge.	
lew Ne	v Local Bridge Definit Select the Virtual Sw Virtual Switch:	ion: vitch to bridge. BRIDGE	~

🧒 iQuila Bridge Manager

Adding a Bridge.

Add New Bridge allows you setup another Bridge connection.

Please contact an iQuila Support if required for extra support on this option.

Note if for some reason entry was blank when you first opened the iQuila Cloud Bridge Manager.

Click Add New Bridge.

Enter a Connection name. e.g. Network or Location. Enter Host Name found on the email. Tick Connect to Localhost Leave Port as 443 Enter Password Click OK.

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	×11 17		LA	
	ire t	SOFTWARE DEFINED	NETWORKS	
	APPR-	3		
-	4 4 4 4			unh i i i Bur i dana era m
Quila Cloud Bridge Manage	er for Windows and Linux B	ridges:		
Connection Name	iQuila Server Hostna	Operation Mode	Company Name	Contact Nar
or iQuila Cloud Bridge	localhost	Entire VPN Server		
				-
About iQuila Ltd	New Bridge	Delete Bridg	e G	onnect
About iQuila Ltd	New Bridge	Delete Bridg	e C	onnect
About iQuila Ltd	New Bridge	Delete Bridg	e C	onnect
About iQuila Ltd	New Bridge	Delete Bridg	e Co	onnect
About iQuila Ltd	New Bridge	Delete Bridg	e C	onnect
About iQuila Ltd	New Bridge	Delete Bridg	e C	onnect
About iQuila Ltd	New Bridge	Delete Bridg	e C	onnect
About iQuila Ltd	New Bridge	Delete Bridg	e C.	onnect
About iQuila Ltd onnection Setting Please configure the conne	New Bridge	Delete Bridg	e Co	onnect
About IQuila Ltd onnection Setting Presse configure the come omection Name New VEN CC	New Bridge	Delete Bridg	e Co	onnect
About iQuila Ltd onnection Setting Please configure the corner onnection Name: New VEN CC tituation iQuila Server:	New Bridge	Delete Bridg er or the Kgulla Bridge to ma	e Cr	onnect
About iQuila Ltd onnection Setting Please configure the conte- prection Name: New VEN Co- tinuation iQuila Server: Sectly the host name or and the Vintal Server:	New Bridge tion setting for the IQuila Serve meetion	er or the IQuila Bridge to ma Select Administra er Select Administra	e CC	onnect ard ng either Server in Mode.
About iQuila Ltd onnection Setting Prease configure the come prenection Name Iner VEN CC on Setting on Setting Cuita Server on Setting Child Server on Setting Child Server on Host Name Inerest	New Bridge tion setting for the iQuila Servi metilion IP address, and the port numb the destination (Quila Server,	Delete Bridg	e C	onnect ord ng either Server in Mode. age entire iQuila
About IQuila Ltd onnection Setting Prease configure the conne protection Name Tev VEN CC Settintion (Julia Sener) Setoff the host name of and the Visital Settintion Setoff the host name of the connection of the set o	New Bridge	Pelete Bridg er or the Kulla Bridge to ma select Administra Serier A Administra Serier A	e C	onnect ord ng either Server in Mode. age entire iQuila ou manage only on
About IQuila Ltd ennection Setting Prease configure the conne innection Name Ine VEN Co Secold the lost name of Secold the lost name of Connect the Not Name Connect Port Number: 443	New Bridge	Pelete Bridg er or the iCulia Bridge to ma Select Administra er Server A Server A Server A Server a Server a Server a	e C	ord ord g ether Server n Mode. age ether Quila ou manage only on uileges.

R Please enter mode.

Do not Save Ad

OK

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🧒 iQuila Bridge

Viewing Active Sessions on the network.

Launch the iQuila Bridge Manager.

Click Connect.

Select Manage Virtual Switch.

Select Active Sessions.

AI EMPOWERED SD-LAN QUILA Quila Cloud Bridge Manager for Windows and Linux Bridges iQuila Server Hostna... Operation Mode Company Name Contact Na iQuila Cloud Bridge localhost Entire VPN Server Delete Bridge About iQuila Ltd New Bridge Connect 🖶 iQuila Cloud Bridge - iQuila Bridge Manager - 🗆 🛛 Manage iQuila Bridge "localhost" iQuila Layer2 Bridge Settings Manage Virtual Switch Local Bridge Setting 44 Exit 🐝 iQuila Bridge Virtual Switch 'BRIDGE' Laver2 Bridge Settings: **~**__ iQuila Cloud Account Settings 2 Active Sessions

The Sessions Manager window will be displayed. This will show all active sessions on the remote network and local bridge.

There are a number of functions at the bottom that are now covered in the next sections.

	VUAN ID	Location	Gase Name	Devree Heat Name	TOP Const.	Tende Dia	Transfer Teshala	
4 SOCOLAND SOL		LOOP Store	total #vege	titlevent disage	None	288	1408 8	

Virtual NAT and Virtual DHCP Server

Exit

In the Operations for Session area:

Session Information:

Double click the SID-LocalBridge-# opens detailed information on the currently selected session.

VEN Session "SID-LO	OCALBRIDGE-2" Status	
Item	Value	
User Name (Authentication)	Local Bridge	
VLAN ID		
Server Product Name	iQuila VEN Bridge (64 bit) (VPN)	
Server Version	5.00	
Server Build	Build 3402	
Connection Started at	2021-10-20 (Wed) 11:00:11	
First Session has been Established since	2021-10-20 (Wed) 11:00:11	
Current Session has been Established since	2021-10-20 (Wed) 11:00:11	
Half Duplex TCP Connection Mode	No (Full Duplex Mode)	
VoIP / QoS Function	Enabled	
Number of TCP Connections	0	
Maximum Number of TCP Connections	0	
Encryption	Disabled (No Encryption)	
Use of Compression	No (No Compression)	
UDP Acceleration is Supported	No	
UDP Acceleration is Active	No	
Session Name	SID-LOCALBRIDGE-2	
Session Key (160 bit)	81ED216D510E2B7E0A4E0DED19BE1AE6CADC6BB1	

MAC Table of Selected Session:

Displays of all MAC addresses on the local bridge.

SID-LOCALBRIDGE-1 SID-LOCALBRIDGE-1		00-50-56-8F-70-C5 00-50-56-8F-A3-95	2021-03-01 11:55:43 2021-03-01 11:55:42	2021-03-02 07:36:48 2021-03-02 07:36:35	On 'iQuilaTestS' On 'iQuilaTestS'
SID-LOCALBRIDGE-1	-	5E-68-20-86-88-6E	2021-03-02 06:06:18	2021-03-02 07:36:50	On 'iQuilaTestS
SID-LOCALBRIDGE-1		A0-3E-68-A0-76-03	2021-03-01 11:55:42	2021-03-02 07:36:49	On 'iQuilaTestS
SID-LOCALBRIDGE-1		3C.EC.EE.70.02.CE	2021.03.01 11:55:42	2021-03-02 07:36:48	On 'iQuilaTestS
SID-LOCALBRIDGE-1	13	00.50.56.85.04.47	2021-03-01 11:55:43	2021-03-02 07:36:50	On iQuilaTestS
SID-LOCALERIDGE-1		00.50.56.85.00.16	2021.03.01 11:55:45	2021-03-02 07:36:45	On iQuilaTest5
SID-LOCALBRIDGE-1	12	00.50.56.8E.F2.20	2021-03-01 11-55-47	2021-03-02 07:36:50	On iQuilaTests
SID-LOCALBRIDGE-1		A0.3F.68.40.62.F7	2021-03-01 11/55/43	2021-03-02 07/36/49	On 'iQuilaTestS
SID LOCALERIDGE 1	12	00.4F.FC.FC.83.DF	2021-03-01 11-55-41	2021-03-02 07:36:50	On OnilaTactS
SID-LOCALERIDGE-1		SE.SC.RD.9E.98.54	2021-03-01 11:55:41	2021-03-02 07/36/49	On 'iQuilaTests
SID.LOCALERIDGE.1		00,50,56,85,65,93	2021-03-01 11-55-41	2021-03-02 07-36-45	On 'iQuilaTestSi
SID-LOCALERIDGE-1		00-50-56-8F-DD-20	2021-03-02 06:12:40	2021-03-02 06:23:06	On iQuilaTestS
SID-LOCALBRIDGE-1		00.50.56.8F.11.D4	2021-03-01 11:55-41	2021-03-02 07:36:45	On 'iQuilaTestS
SID-LOCALBRIDGE-1	2	00.50.56.85.36.49	2021-03-02 06/22:51	2021-03-02 06:26:18	On iQuilaTestS
SID-LOCALBRIDGE-1		00.50.56.85.27.83	2021-03-01 11:55:43	2021-03-02 07:36:47	On iQuilaTestS
SID LOCALERIDGE 1	10	SE CC AC OD EE EA	2021 02 01 11-55-12	2021 03 02 07-36-49	On 'iQuitaTertS
SID-LOCALBRIDGE-1		00.50.56.85.00.16	2021-03-01 11-55-43	2021-03-02 07:36:50	On iQuilaTests
SID LOCALERIDGE 1	ċ	10.90.27.57.60.90	2021-03-01 11:55-42	2021-02-02 07:36:30	On iQuiatesta
		AD 20 22 02 32 10	2021 02 01 11 12 12	2021 02 02 02 02 02 04	0.00.00
Session Name	VLAN ID	MAC Address	Created at	Updated at	Location

IP Table of the selected session:

Displays all IP addresses on the local bridge.

Session Name	IP Address	Created at	Updated at	Location
SID-LOCALBRIDGE-1	10,20,1,200	2021-03-02 06:40:40	2021-03-02 07:36:43	On 'iQuilaTestSir1'
SID-LOCALBRIDGE-1	10.21.0.5	2021-03-02 07:37:05	2021-03-02 07:37:05	On 'IQuilaTestSur1'
SID-LOCALBRIDGE-1	10.21.0.20	2021-03-02 07:34:56	2021-03-02 07:36:18	On 'iQuilaTestSur1'
SID-LOCALBRIDGE-1	10,21,0,30	2021-03-01 11:55:42	2021-03-02 07:37:10	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	10.21.1.2 (DHCP)	2021-03-01 21:58:27	2021-03-02 07:37:13	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	10.21.1.7	2021-03-02 07:36:41	2021-03-02 07:36:44	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	10.21.1.27 (DHCP)	2021-03-02 06:06:19	2021-03-02 07:36:56	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	10.21.1.33 (DHCP)	2021-03-02 07:36:22	2021-03-02 07:36:22	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	10.21.1.36 (DHCP)	2021-03-02 07:36:19	2021-03-02 07:36:19	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	10.21.1.69	2021-03-02 07:36:26	2021-03-02 07:37:05	On 'iQuilaTestSur1'
SID-LOCALBRIDGE-1	10.21.1.80 (DHCP)	2021-03-02 05:39:28	2021-03-02 07:37:16	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	10.21.1.84	2021-03-01 11:55:49	2021-03-02 07:37:15	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	10.21.1.85	2021-03-02 07:37:15	2021-03-02 07:37:15	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	10.21.1.93	2021-03-02 07:36:19	2021-03-02 07:36:22	On 'iQuilaTestSir1'
SID-LOCALBRIDGE-1	fe80:3eeceffffe07:8439	2021-03-02 07:37:09	2021-03-02 07:37:09	On 'iQuilaTestSur1'
SID-LOCALBRIDGE-1	fe80:3eecefffde70:2cf	2021-03-02 07:36:24	2021-03-02 07:36:24	On 'iQuilaTestSvr1'
SID-LOCALBRIDGE-1	fe80:4c6b:3edb:9661:42	2021-03-01 21:58:27	2021-03-02 07:37:13	On 'iQuilaTestSvr1'

Other Administration Tasks area:

MAC Address Table List:

Displays all MAC addresses on the local database. This will be all the MAC addresses the iQuila Bridge software can see across the complete network.

ession Name	VLAN ID	MAC Address	Created at	Updated at	Location
SID-LOCALBRIDGE-1		00-50-56-8F-7F-4D	2021-03-01 11:55:43	2021-03-02 07:36:50	On YOulaTests
SID-LOCALBRIDGE-1		10-90-27-87-60-FC	2021-03-01 11:55:43	2021-03-02 07:36:49	On 'QuitaTest5
SID-LOCALBRIDGE-1	24	00-50-56-8F-CD-16	2021-03-01 1155:43	2021-03-02 07:36:50	On 'QuilaTest5-
SID-LOCALBRIDGE-1	1.	5E-CC-6C-90-FF-E6	2021-03-01 11:55:42	2021-03-02 07:36:49	On VOuriaTestS
SID-LOCALBRIDGE-1		00-50-56-87-27-83	2021-03-01 1155:43	2021-03-02 073647	On VOulaTestS
SID-LOCALIRIDGE-1	4	00-50-56-6F-36-A9	2021-03-02 06:22:51	2021-03-02 06:26:18	On 'QuilaTest5
SID-LOCALBRIDGE-1		00-50-56-87-11-04	2021-03-01 1155-41	2021-03-02 07:36:45	On 'QuilaTest5
SID-LOCALBRIDGE-1		00-50-56-67-00-20	2021-03-02 06:12:40	2021-03-02 06/23:06	On 'QuilaTest5-
SID-LOCALBRIDGE-1	1.	00-50-56-8F-6F-93	2021-03-01 11:55:41	2021-03-02 07:36:45	On VOulaTests
SID-LOCALBRIDGE-1	24	5E-8C-8D-9E-98-5A	2021-03-01 11:55:41	2021-03-02 07:36:49	On YOuraTestS-
SID-LOCALBRIDGE-1		00-AE-FC-FC-83-DF	2021-03-01 11:55:41	2021-03-02 073650	On 'QuilaTest5-
SID-LOCALBRIDGE-1	24	A0-3E-68-A0-62-F7	2021-03-01 11:55:43	2021-03-02 07:36:49	On 'QuitaTest5'
SID-LOCALBRIDGE-1		00-50-56-87-72-20	2021-03-01 11:55:47	2021-03-02 07:36:50	On 'KhulaTest5-
SID-LOCALBRIDGE-1	4	00-50-56-87-00-16	2021-03-01 11:55:45	2021-03-02 07:36:45	On QuilaTest5-
SID-LOCALBRIDGE-1		00-50-56-87-04-47	2021-05-01 11:55:43	2021-03-02-07:36:50	On 'QuilaTest5-
SID-LOCALBRIDGE-1		3C-EC-EF-70-02-CF	2021-03-01 11:55:42	2021-03-02 07:36-48	On 'QuilaTest5-
SID-LOCALBRIDGE-1		A0-3E-68-A0-76-03	2021-03-01 11:55:42	2021-03-02 07:36:49	On 'QuitaTest5
SID-LOCALBRIDGE-1	S	58-68-20-86-88-68	2021-03-02 06:06:18	2021-03-02 07:36:50	On YOuraTest5
SID-LOCALBRIDGE-1	24	00-50-56-87-70-C5	2021-03-01 11:55:43	2021-03-02 07:36:45	On VOurlaTestS
SID-LOCALBRIDGE-1	1.1	00-50-56-5F-A3-95	2021-03-01 11:55:42	2021-03-02 07:36:35	On VQuitaTestS
SID-LOCALBRIDGE-1		SE-78-90-C6-27-24	2021-03-02 05:99:28	2021-03-02 07:36:50	On VOulaTest9
					3

IP address Table:

Displays all IP addresses on the local database. This will be all the IP addresses the iQuila Bridge software can see across the complete network.

The IP address table d	atabase on the Virtual Switch "B	NDGE" has the following e	ntries.		
Session Name	# Address	Created at	Updated at	Location	^
IL SID-LOCALERIDGE-1	10.0.0.108	2020-11-30 21:03:14	2020-11-30 21:15:59	On VQuila-TestW10	
SID-LOCALBRIDGE-1	10.0.10.1	2020-11-30 18/06:50	2020-11-30 21:16:10	On VOula-TestW10	
IN SID-LOCALBRIDGE-1	10.0.10.3	2020-11-30 18:07:06	2020-11-30 21:15:39	On iQuila-TestW10	
SID-LOCALERIDGE-1	10.0.10.20	2020-11-30 21:15:09	2020-11-30 21:15:35	On iQuila-TestW10/	
A SID-LOCALERIDGE-1	10.17.10.126	2020-11-30 2053:53	2020-11-30 21:15:17	On Quila-TestW10	
IN SID-LOCALERIDGE-1	192.168.1.199	2020-11-30 21:15:09	2020-11-30 21:15:12	On iQuila-TestW10	
The SID-LOCALERIDGE-1	192.168.1.200	2020-11-30 18:06:51	2020-11-30 21:16:09	On iQuila-TestW10	
SID-LOCALBRIDGE-1	192.168.100.2	2020-11-30 21:11:46	2020-11-30 21:15:58	On VQuila-TestW10	
IN SID-LOCALBRIDGE-1	192.168.100.8	2020-11-30 21:14:39	2020-11-30 21:15:20	On iQuila-TestW10	
SID-LOCALERIDGE-1	192.168.100.12	2020-11-30 18:06:49	2020-11-30 21:16:00	On 'Quila-TestW10'	
A SID-LOCALBRIDGE-1	192.168.100.21	2020-11-30 18:07:14	2020-11-30 21:15:58	On VQuila-TestW10'	
SID-LOCALERIDGE-1	192.168.100.31 (DHCP)	2020-11-30 21:05:35	2020-11-30 21:15:35	On iQuila-TestW10	
SID-LOCALERIDGE-1	192.168.100.51	2020-11-30 18:06:53	2020-11-30 21:16:09	On iQuila-TestW10/	
SID-LOCALBRIDGE-1	192.168.100.62 (DHCP)	2020-11-30 18:34:19	2020-11-30 21:16:10	On iQuila-TestW10	
IN SID-LOCALERIDGE-1	192.168.100.64	2020-11-30 18:06:59	2020-11-30 21:16:06	On Quila-TestW10	
SID-LOCALBRIDGE-1	192.168.100.65	2020-11-30 18:06:51	2020-11-30 21:16:07	On Quila-TestW10	
A SID-LOCALBRIDGE-1	192.168.100.67	2020-11-30 21:16:01	2020-11-30 21:16:01	On iQuita-TestW10'	
IL SID-LOCALERIDGE-1	192.168.100.73	2020-11-30 21:14:30	2020-11-30 21:15:38	On iQuila-TestW10'	
A SID-LOCALERIDGE-1	192.168.100.78	2020-11-30 18:06:49	2020-11-30 21:16:10	On VQuila-TestW10	
IN SID-LOCALBRIDGE-1	192.168.100.82	2020-11-30 2053:33	2020-11-30 21:15:17	On Quila-TestW10	
SID-LOCALERIDGE-1	192.168.100.87	2020-11-30 21:16:06	2020-11-30 21:16:10	On VQuila-TestW10'	
SID-LOCALERIDGE-1	192.168.100.104 (DHCP)	2020-11-30 20:42:56	2020-11-30 21:15:59	On iQuita-TestW10	

Running Virtual NAT and DHCP:

Select Virtual NAT and Virtual DHCP server.

2 Bridge Settings:		
	iQuila Cloud Account Settings	
000 000	Active Sessions	
&	Virtual NAT and Virtual DHCP Server	
		Ex

Virtual NAT Router Status

Virtual DHCP Server Status

View NAT Operating Status

Exit

Virtual NAT and DHCP Server Settings

Enable NAT

NAT Configuration

Select Enable NAT to turn NAT on.

Please read as an understanding of what NAT can do is required from this point.

Click OK to Enable NAT.

iQuila Serv	ver Manager	×
	Are you sure you want to enable the SecureNAT? If you enable the SecureNAT, a virtual router with virtual NAT function will be created that has one IP address in the Virtual Switch. This Virtual Router will interact as one computer or router with other computers that are connected to the virtual network. The SecureNAT in the Virtual NAT enables any computers connected to the Virtual Switch to establish communication with an external network via the SecureNAT. Therefore, when SecureNAT is running on this iQuila Server, there is no need to use local iQuila Client to connect the self-computer's Virtual Switch. Also, please take care about that if there is already a DHCP server in a location that can be reached from a Virtual Switch Layer 2 segment, disable the DHCP server function by clicking the SecureNAT configuration, otherwise there will be a DHCP conflict. Moreover, you can disable the NAT function and only use the DHCP server if you wish.	
	OK Cancel	

Select configure NAT to setup a custom NAT configuration.

The IP Address highlighted would become the default Gateway Address of your bridge

connection.

Click OK to close.

Enabl	e NAT		Virtual N	AT Router	Status	
Disab	le NAT		Virtual Di	ICP Server	Status	
NAT Cont	Iguration		View NAT	Operating	Status	
					Exit	
AT Configration	performs operation on the	irtual network of Virtual	Switch "BRIDGE".			
AT Configration Set how NAT virtual host ; tual Host's Network Interface	performs operation on the	Virtual network of Virtual	Switch "BRIDGE". P Server Settlings:	nctions		
AT Cenfigration Set how NAT virtual host ; tual Host's Network Interface MAC Address:	performs operation on the settings: 58-78-28-20-58-4A	Virtual network of Virtual Virtual DHC	Switch "BRIDGE". P Server Settings:	nctions	. 30 . 10	to
AT Configration Set how NAT virtual host ; tual Host's Network Interface MAC Address: IP Address:	Derforms operation on the Settings: 56-78-28-20-57-4A 192 . 108 . 30 . 1	Irtual network of Virtual Virtual DHC Use Virt Distr	Switch "BRIDGE". P Server Settings:	nctions 192 . 168	. 30 . 10	to
AT Configration Set how NAT virtual host j tual Host's Network Interfact MAC Address: IP Address: Subnet Mask:	Derforms operation on the Settings: 58-78-28-20-57-4A 192 . 168 . 30 . 1 255 . 255 . 255 . 0	irtual network of Virtual Virtual DHC Ø Use Virt Distr	Switch "BRIDGE". P Server Settings:	nctions 192.168 192.368	. 30 . 10 . 30 .200	to .
AT Cenfigration Set how NAT virtual host j tual Host's Network Interface MAC Address: IP Address: Subnet Mask: tual NAT Settings:	Setforms operation on the Settings: 5E-FB-2E-2D-SF-4A 192 1-66 30 1 235 - 255 - 0	irtual network of Virtual Virtual DHC Use Virt Distr	Switch "BRIDGE". P Server Settings:	nctions 192 .168 255 .255	. 30 . 10 . 30 .200 .255 . 0	to
AT Configuration Set how NAT virtual host in tual Host's Network Interface IP Address: Subnet Masic tual NAT Settings: Use Virtual NAT Vanction	2457ms operation on the Settings: 56.78-28-20-57-4A 192-106-30 1 255-255-0	Virtual network of Virtual Virtual DHC Use Virt Distr	Switch "BRIDGE". P Server Settings:	nctions 192 . 168 192 . 168 255 . 255 7200	. 30 . 10 . 30 .200 .255 . 0 seconds	to
AT Configution Set how NAT virtual host y tual Host y Network Network MAC Address: Subnet Mask: Subnet Mask: Use Virtual NAT Punction MU Value:	SetTing: 54:76-22-20-57-4A 192-106-30-1 255-255-255-0 1500 bytes	Virtual network of Virtual DHC	Switch "BRIDGE". P Server Settings:	nctions 192 . 168 255 . 255 7200 tiona():	. 30 . 10 . 30 . 200 .255 . 0 seconds	to
AT Configuration Section NAU virtual host pr tual Host's Nethock Interface MAC Address: Subret Mass: tual NAT Setting: Use Virtual NAT Function MTU Value: TCP Session Timeouti	SetTings SetTings 54.76-22.20-57-4A 192.166 30 1 255.255.255.0 1500 bytes 1800 seconds	Virtual network of Virtual Virtual DHC Use Virt Distr Options Ap	Switch "BRIDGE". P Server Settings: aut DHCP Server Fu ibutes IP Address: Subnet Maski Lease Limit: piled to Clients (o) Default Gateway	nctions 192.168 192.168 255.255 7200 tional):	. 30 . 10 . 30 . 200 .255 . 0 seconds	to -

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😵 Virtual NAT and Virtual DHCP Function Setting

Edit the static routing table to push

Status information can be found with the following options: Virtual NAT Router Status.

Virtual NAT and DHCP Server Setti	ngs
Enable NAT	Virtual NAT Router Status
Disable NAT	Virtual DHCP Server Status
NAT Configuration	View NAT Operating Status

Virtual DHCP Server Status.



View NAT Operating status.

Virtual NAT and DHCP Server:	iettings
Enable NAT	Virtual NAT Router Status
Disable NAT	Virtual DHCP Server Status
NAT Configuration	View NAT Operating Status



OK Cancel



RIDGE Session Session					
Session Session					
Session					
Session					
Session					
Client					
NO					
No					
	i Session I Client Io Io	Session Client Io Io	Session Client Io	Session Ciclent Io	Session Client Jo