The SeisComP3 key exists in /home/sysop/.seiscomp3/key get the key provided by GFZ and place it in a file called License.crt

Ex:

[sysop@phase2 key]\$ cat License.crt

----BEGIN CERTIFICATE----

MIIGHDCCBASgAwIBAgIBATANBgkqhkiG9w0BAQUFADCBtTELMAkGA1UEBhMCR0Ux FDASBgNVBAgTC0JyYW5kZW5idXJnMRAwDgYDVQQHEwdQb3RzZGFtMQwwCgYDVQQK EwNHRloxFDASBgNVBAsTC1N1Y3Rpb24gMi40MQwwCgYDVQQDEwNHRloxJDAiBgkq hkiG9w0BCQEWFWd1b2ZvbkBnZnotcG90c2RhbS5kZTEmMCQGA1UEDRMdaHR0cDov L2d1b2Zvbi5nZnotcG90c2RhbS5kZS8wHhcNMTUwMjIwMDAwMDAwWhcAMTYwYTAK MjM1OTU5WjCBtTELMAkGA1UEBhMCR0UxFDASBgNVBAgTC0JyYW5kZV51L51177 MjM1OTU5WjCBtTELMAkGA1UEBhMCR0UxFDASBgNVBAgTC0JyYW5kZV51L51177 Mi40MQwwCgYDVQQDEwNHRloxJDAiBgkqhkiG9w0BCQEWFWd1b2ZvbkBnZnotcG90

- Open IRIS-WS.crt in a Windows Text Editor like Wordpad
- Select all the text
- copy
- Make sure your Virtualbox has from the Menu "Devices"
   Shared Clipboard -> Bidirectional selected
- In Ubuntu, click on the Terminal icon on the left
- mkdir .seiscomp3/key
- nano .seiscomp3/key/License.crt
- From the hidden menu at very top of Ubuntu screen, choose paste. Control x to exit Nano, and choose "y" to save.

#### To Test

- \$ seiscomp start
- \$ scrttv
- A blank GUI scrttv screen should launch. The main key is that you don't see a message saying you don't have a valid license.



# Configuring the configuration:

💨 Applicatio	ons Places System	🔮 🗟 🗹 国		alexander	de 🚯 📑	Tue Aug 22, 02:30
		SeisComP	3 - system configuration [ /seiscomp3/etc ]			_ = ×
<u>F</u> ile <u>E</u> dit						
Į	Informa	ution				
	bystem paths and					
1	Name	Value				2/him/ung/libC4/ab
Information		/nome/alexander/Qt5.7.1/loois/QtCreator/bin:/	nome/alexander/QC5.7.1/5.7/gcc_64/bin:/opt/go/bin:/nome/alexander/Go_Pr	og/bin:/seisco	mp3/bin:/seiscomp	3/bin:/usr/lib64/qt
-\	ROOTDIR	/seiscomp3				
System	DEFAULTCONFIGDIR	/seiscomp3/etc/defaults				
	SYSTEMCONFIGDIR	/seiscomp3/etc				
Inventory	CONFIGDIR	/home/alexander/.seiscomp3				
	LOGDIR	/home/alexander/.seiscomp3/log				
	DATADIR	/seiscomp3/share	-			
Modules Bindings Docs		These are set by the user duri parameters (like the other fiel	ing the 'setup' procedure run during install. It is possible lds in this view), but you should be aware of these defaut	to alter the	ese	

Hands-on session





Filter OFF



GF2

File Edit

			scolv@localhost		-	o x	
<u>V</u> iew	<u>S</u> ettings	<u>H</u> elp					
				<i>N</i> <sup>-</sup>			

Location Magnitudes

Event Events



# **Manual Picker interface:**



scmv@localhost

🞬 scesv@localhost

ID: Origin#201708212...

# Manual picker, cont:



st 🛛 🔛 scmv@localhost

scesv@localhost

ID: Origin#201708212...

#### **scolv First Motion**

512 				scolv	v@localhost				_
<u>File E</u> dit <u>V</u> iew	<u>S</u> ettings <u>H</u> e	elp							
~ ~									
Location Magn	itudes Eve	ent Events							
Near East	Coast	of Hons	nu, Jap	Time:	2017-08-2	1 19:53:01	TravelTime	MoveOut Polar Fi	stMotion < >
105 E 1	20 E	135 E	, 150 E	Depth:	<b>10</b> km	fixed		Filt	er is <u>not active</u>
		ASTA GAL	and the second sec	Lat:	38.36 ° N	+/- 4 km		NP1: 0/90/18	<u>30</u> NP2: <u>90/90/0</u>
60 N	and the series	All Comments		Lon:	142.34 ° E	+/- 6 km	/		C~
	the state	Kan		Phases:	<b>12</b> /	13			
Office of the second se		A C	11/	RMS Res.:	1.9 s	-		<b>•</b> •	
45 N		1 and		Az. Gap:	142 °		/		
TT STOP	Change	nun Uppo	ro	Min Dist :	37°		/		
Tianjin Beijing Daejeon Seoul Osaka Tokyo Nanjing Shanghai			EventID: Agency:	gfz2017qjkb <b>ERT</b>					
Change			•	Author:	scautoloc			- v F	
ang Guang	zhou	<b>一般</b> 《本社		Evaluation:	- (A)				
Car Solo	diana.	ten hit	300	Method:	LOCSAT				
15	<u>Manila</u>			Lindated:	2017-08-21-10	59.53			
Ho Chi Minh	City	B. As the	1 a 3	opuateu.	2017-00-21 19	.50.55			_
Used	Status	Phase	Net	Sta	Loc/Cha	Res Di	s (deg) 🖌 Az	Time (UTC)	+/-
	A <t></t>	Р	Ш	ERM	00.BHZ	0.67	3.71 9	19:53:59.8	
	A <t></t>	Р	IU	MAJO	00.BHZ	-0.07	3.75 242	19:53:59.8	
	A <t></t>	P	G	INU	00.BHZ	-1.02	5.21 236	19:54:18.8	
LOCSAT \$	Service Prof	file: iasp91	C Fix	depth 1	LO km 🗆	Distance cutoff	1000 km	Ignore initial loc	ation 🗩
Relocate						Picker	r Import picks	Compute magnitud	es Confirm~

#### Scolv with istiMT:

🐝 Applications Place	es System 🍓	) 🗟 🗹  🖻	]				Μ	Ion Aug 21, 17:38 a	alexander	📣 🚯 르
G/7				scolv	@localhost					_ • ×
<u>F</u> ile <u>E</u> dit <u>V</u> iew <u>S</u> ettin	gs <u>H</u> elp									
2 3										
Location Magnitudes Near East Co	Event Events	s shu, Japan	147 E	Time: 2 Depth:	2017-08-21 22:2 119 km +/- 4	23:33 Dista 7 km	ance Azimuth TravelTi	me MoveOut Pola	ar FirstMotion Filter is	not active
42 N	Hakodate			Lat:	38.25 ° N +/- 8	km		NP1:	: <u>106/88/169</u> NP	2: <u>196/79/2</u>
		1011 571	E 14 11-	Lon: 1	<b>L42.45</b> °E +/-1	5 km	/	X		C~
ACTA STAT	Territoria		1	Phases:	<b>5</b> / 5					
2P 1	有量			RMS Res.:	0.1 s			/		
20 N	Sec. 18			Az. Gap:	195 °		[	/		
SS N				Min. Dist.:	3.8 °					
Nagaoka Nagaoka Kanazawa Mae Saitama 确决w (Yokohama)	jata ebashi Tokyo			EventID: g Agency: E Author: s Evaluation: - Method: L Earth model: i	ofz2017qjpa ERT Gcautoloc (A) .OCSAT asp91			0		
	a leaser	1.1.1.1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Updated: 2	2017-08-21 22:25:42			•		
Used	Status	Phase	Net	Sta	Loc/Cha	Res	Dis (deg) 🖌 Az	Time	+/-	
	A <t></t>	Р	IU	MAJO	00.BHZ	0.12	3.78 244	22:24:30.4		=
	A <t></t>	P		ERM	00.BHZ	-0.04	3.80 7	22:24:30.4		
	Profile: iasp9	P □ Fix de	epth 119 km	Distance cuto	off 1000 km	-0.14	al location	22:24:49.5		
Relocate							Picker	port picks Comput	e magnitudes	Confirm~
A new origin arrived at	2017-08-21 17:3/	1.31 (localtime)								0

Image: State S

scesv@localhost

# Scqcv, stream quality control:

not state the second state of the second state	aces System 👹	) 🗟 🗾 🖻						alexander	d <b>o </b> 📑	Mon Aug 21, 17:04		
G72				scqc	v@localhost					_ • ×		
<u>O</u> ptions <u>V</u> iew <u>H</u> elp												
QcReport QcOverv	iew											
streamID	enabled	latency	delay	timing quality	offset	rms	gaps count	overlaps count	availability	spikes count		
AK.WRHBHZ	on	4.8 s	-0.5 s				0	0	100%			
AK.YAHBHZ	on											
AT.AKUTBHZ	on	4.3 s	-0.3 s	×.			0	0	100%	=		
AT.MENTBHZ	on	4.6 s	-0.5 s				0	0	100%			
AT.MIDBHZ	on	4.2 s	-0.4 s				0	0	100%			
AT.OHAKBHZ	on	4.4 s	-0.4 s				0	0	100%			
AT.PMRBHZ	on	4.6 s	-0.4 s				0	0	100%			
AT.SDPTBHZ	on	4.6 s	-0.5 s				0	0	100%			
AT.SKAGBHZ	on	5.8 s	-0.4 s				0	0	100%			
AT.SMYBHZ	on	9.4 s	-0.4 s				0	0	100%			
AT.SVW2BHZ	on	4.4 s	-0.3 s				0	0	100%			
AT.TTABHZ	on	5.2 s	-0.3 s				1	0	98%			
AT.YKU2BHZ	on	4.7 s	-0.4 s				0	0	100%			
AU.ARMABHZ	on	1 m 0.3 s	29.7 s				0	0	90%			
AU.AS31BHZ	on	5.2 s	-0.4 s				0	0	100%			
AU.BBOOBHZ	on	2 m 1.0 s	1 m 9.4 s				0	0	100%			
AU.BLDUBHZ	on	1 m 0.5 s	1 m 0.2 s				0	0	90%			
AU.CMSABHZ	on	2 m 3.6 s	1 m 17.7 s				0	0	100%			
AU.CNBBHZ	on	1 m 21.1 s	53.3 s				0	0	100%			
AU.COENBHZ	on		16.3 s				0	0	100%			
AU.CTABHZ	on											
AU.EIDSBHZ	on	1 m 10.1 s	32.0 s				0	0	100%	· · · · · · · · · · · · · · · · · · ·		
StreamID Filter:	AU.EIDSBHZ         On         1 m 10.1 s         32.0 s         0         0         100%           StreamID Filter:         859 / 859 streams listed         9         100%         9         100% <t< td=""></t<>											

🛒 scolv@localhost 🛛 🛒 scmv@localhost

ost 🛛 🛛 🖉 scqcv@localhost

ost 🛛 😤 scesv@localhost

#### Live Demo/Preview

