



PT. BURSA EFEK INDONESIA

PANDUAN INSTALASI & PENGUNAAN

APLIKASI JONEC AGENT 7.1 < Linux Version >

Update November 2020

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Cakratech.

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Riwayat Dokumen

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1.0.0	November 2020	Aman Jauhari	Remove MD5	PANDUAN_INSTALASI &_amp;_PE NGGUNAAN_APLIKASI_JONE C_AGENT_7.1_LINUX.doc

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1 Ringkasan Umum

1.1 Pendahuluan

Aplikasi *Remote Access* JONEC atau JONEC Agent adalah Aplikasi atau sarana elektronik yang digunakan untuk mendukung operasional sarana JONEC secara *Remote* atau dilakukan dari area luar kantor/data center milik Anggota Bursa (AB).

Tujuan Aplikasi JONEC Agent adalah untuk memberikan kemudahan dalam proses implementasi dan operasional prosedur Remote dengan mengedepankan prinsip keamanan (Secure) untuk kepentingan Bursa Efek Indonesia (BEI) dan AB, dan agar prosedur yang dijalankan dapat memenuhi ketentuan dan aturan tata kelola proses perdagangan di Bursa Efek Indonesia.

Aplikasi JONEC Agent terdiri dari 2 Aplikasi yaitu Aplikasi JONEC Agent yang dipasang di *Terminal Remote Access* (Aplikasi JONECAgentClient) dan Aplikasi JONEC Agent yang dipasang di Server JONEC (Aplikasi JONECAgentServer).

1.2 Ketentuan Umum Aplikasi JONEC Agent Linux

- 1) Pengguna Aplikasi JONEC Agent adalah AB yang telah menerima Lisensi Aplikasi JONEC Agent melalui email yang dikirimkan kepada alamat email Personal AB (IT Officer AB) yang ditunjuk oleh AB dengan format file yang dikirimkan **License.[brokerCode] [nn].txt** contoh untuk PT. Cakratech Sekuritas Indonesia dengan Kode Broker (VB) file yang dikirimkan adalah **License.VB_01.txt** ke alamat email IT Officer dari VB.
- 2) Informasi pada File Lisensi yang dikirimkan meliputi:
 - a. BrokerCode : [VB_01]
 - b. Broker Name : [CAKRATECH SECURITIES INDONESIA]
 - c. Serial Number : [XMG12S3P8HKPMGV02K1Z]
- 3) Aplikasi dan/atau dokumentasi terkait Aplikasi JONEC Agent dapat diunduh melalui alamat laman URL <http://www.idxdata3.co.id/DistributionKIT/Stimulus_RSA/>
- 4) Unduh file remoteaccessJONECLinux.zip.

Nama File Installer Aplikasi JONEC Agent Linux terdiri dari empat file yaitu:

- **“installJONECAgentServer7.1.sh”** untuk JONECAgentServer7.1 - Eltrader 7.1
- **“installJONECAgentClient7.1.sh”** untuk JONECAgentClient7.1 - Eltrader 7.1

- 5) Daftar Port yang digunakan oleh aplikasi JONEC Agent antara lain:

Port	Keterangan Port
5678	Komunikasi RMI antara JONEC Agent Server dengan Flow Monitor dan Engine View di JONEC Agent Client.
5679	Komunikas FILE_REMOTE antara JONEC Agent Server dengan Flow Monitor dan Engine View di JONEC Agent Client.
3099	Komunikasi antara JONEC Agent Server dengan JONEC Agent Client.
2099	Komunikasi antara host JONEC Agent Server dengan RSA Ace Gateway IDX.
4099	Komunikasi antara JONEC Agent Server dengan JONEC Agent Client untuk file transfer.

- 6) **Terminal Remote Access** adalah sarana yang digunakan untuk pengoperasian Aplikasi JONEC Agent Client yang terkoneksi dengan Server JONEC.
- 7) **Server JONEC** adalah Server dimana Aplikasi JONEC terpasang di AB dan akan digunakan sebagai saran untuk menjalankan Aplikasi JONEC Agent Server.
- 8) **Spesifikasi OS untuk Terminal Remote Access sebagai berikut:**

OS Linux :

- + Red Hat Enterprise Linux Server release 7.1 (Maipo) keatas
- + CentOS 7.1 keatas

Khusus untuk JONECAgentClient7.1 maupun JONECAgentClient8.4 harus ada xwindow GUI, misal : GNOME.

- 9) ELTRADER FIX Version 7.1 untuk FIX 4.2 dan ELTRADER Version 8.4 untuk FIX 5.0

2 Panduan Instalasi

2.1 Instalasi Aplikasi JONEC Agent Server

Aplikasi JONEC Agent Server adalah aplikasi yang di install di lokasi Server JONEC AB.

Skenario Kode AB adalah VB

Berikut langkah-langkah instalasi aplikasi :

- 1) Lakukan extract File “**remoteaccessJONECLinux.zip**” yang telah diunduh sebelumnya dan simpan di lokasi host Server JONEC dengan user root pada directori :
/opt

- 2) Sebelum melakukan Instalasi pastikan Aplikasi JONEC sudah dalam kondisi Off (tidak aktif).

- 3) Untuk instalasi JONECAgentServer7.1, dengan user root, lakukan berturut-turut :

cd /opt

Unzip file remoteaccessJONECLinux.zip dengan comand :

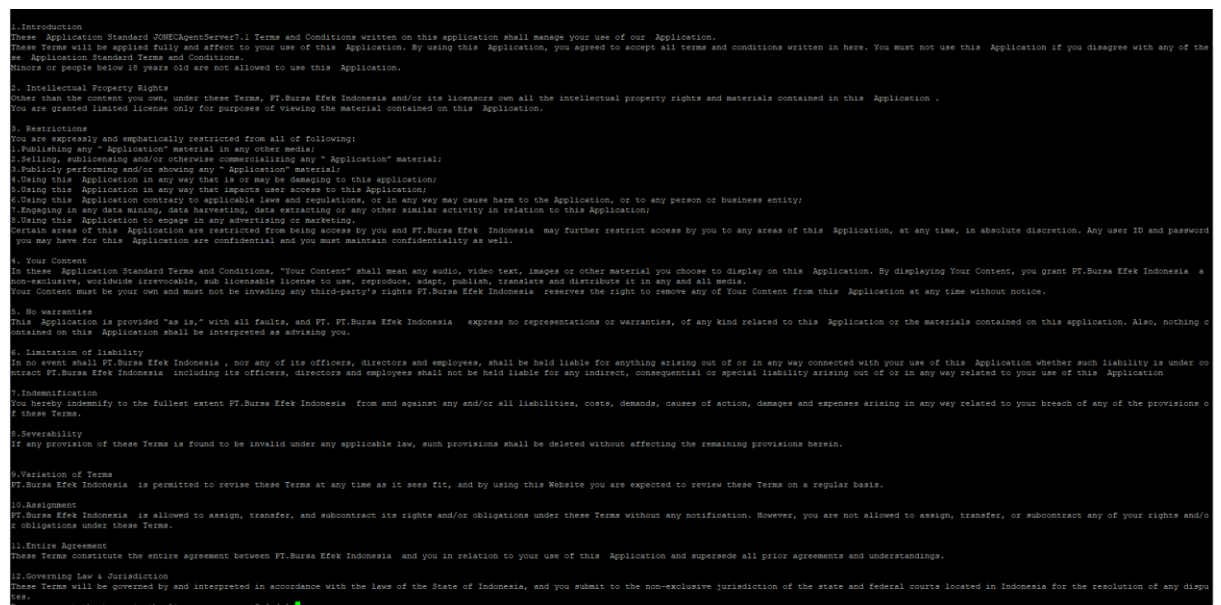
unzip remoteaccessJONECLinux.zip

A. Eksekusi file installJONECAgentServer7.1.sh, dengan cara :

dos2unix installJONECAgentServer7.1.sh && chmod +x

./installJONECAgentServer7.1.sh && ./installJONECAgentServer7.1.sh

setelah tampilan layar License Agreement.



Klik tombol Y/y untuk melanjutkan instalasi. Setelah tampilan gambar berikut. Isikan berturut-turut Broker Code, Broker Name dan Serial Number .

```

You have accepted the license agreement.
Please wait while JONECAgentServer7.1 is being installed...

Setup - JONECAgentServer7.1 version 1.0.0

Please Enter Registered Company and Product Serial Number
Broker Code                : VB_01
Broker Name                : CAKRATECH SECURITIES INDONESIA
Serial Number              : XMG12S3P8HKPMGV02K1Z

```

Kemudian tekan tombol Enter.

```

Which IP Address is used for JONEC Agent Connection :
Please select one of [ 10.0.2.15 192.168.56.101 ]
IP Address :

```

Isikan IP Address dengan opsi yang diberikan, lalu tekan Enter.

Berdasarkan dari **Script** meliputi ELTService dan JONECStartup yang ada pada masing-masing **instance**.

Contoh **Instance** JONECMain.

Id	Script Name	Script Type	Script Desc	Script Path	App Name
1	JONECStartupVB1	JONECStartup	JONECStartupVB1	/opt/JONEC71-DC1/linux64/bin/JONECStartupVB1.sh	JONECMain
2	JONECStartupVB2	JONECStartup	JONECStartupVB2	/opt/JONEC71-DC1/linux64/bin/JONECStartupVB2.sh	JONECMain
3	ELTService	ELTService	ELTService	/opt/JONEC71-DC1/linux64/bin/ELTService.sh	JONECMain

Contoh **Instance** JONECDRC.

Id	Script Name	Script Type	Script Desc	Script Path	App Name
4	JONECStartupVB1	JONECStartup	JONECStartupVB1	/opt/JONEC71-DC2/linux64/bin/JONECStartupVB1.sh	JONECDRC
5	JONECStartupVB2	JONECStartup	JONECStartupVB2	/opt/JONEC71-DC2/linux64/bin/JONECStartupVB2.sh	JONECDRC
6	ELTService	ELTService	ELTService	/opt/JONEC71-DC2/linux64/bin/ELTService.sh	JONECDRC

- 4) Langkah-langkah pengisian List JONEC dapat dilihat pada contoh layar sebagai berikut:

Target File agar disesuaikan dengan Folder yang JONEC di masing-masing Server JONEC AB.

Contoh JONECMain:

JONECMain Folder : /opt/JONEC71-DC1.

File ELTService : /opt/JONEC71-DC1/linux64/bin/ELTService.sh

File JONECStartup : /opt/JONEC71-DC1/linux64/bin/JONECStartupVB1.sh dan
/opt/JONEC71-DC1/linux64/bin/JONECStartupVB2.sh

- 5) Untuk mendaftar JONECDRC. Lakukan dengan langkah-langkah yang sama halnya pada saat mendaftar JONEC Main

Contoh JONECDRC:

JONECDRC Folder : /opt/JONEC71-DC2.

File ELTService : /opt/JONEC71-DC2/linux64/bin/ELTService.sh

File JONECStartup : /opt/JONEC71-DC2/linux64/bin/JONECStartupVB1.sh dan
/opt/JONEC71-DC2/linux64/bin/JONECStartupVB2.sh

Isikan berturut-turut dari input yang diminta, sehingga seperti tampak dalam gambar berikut ini.

Yang perlu diperhatikan, untuk mengakhiri isian input JONEC Startup urutan ke-n, biarkan kosong dan tekan Enter.

```
Please enter your location details for initial Main JONEC instance.
Main instance directory      : /opt/JONEC71-DC1
Main ELTService              : /opt/JONEC71-DC1/linux64/bin/ELTService.sh
At least 1 Main JONEC Startup
Main JONEC Startup 1         : /opt/JONEC71-DC1/linux64/bin/JONECStartupVB1.sh
Add Main JONEC Startup [y/n] ? y
Main JONEC Startup 2 (end with an empty line) : /opt/JONEC71-DC1/linux64/bin/JONECStartupVB2.sh
Main JONEC Startup 3 (end with an empty line) :
Do you want add JONEC that you want to remote [y/n] ? Please enter your details instance for initial DRC JONEC instance.
y
DRC instance directory      : /opt/JONEC71-DC2
DRC ELTService              : /opt/JONEC71-DC2/linux64/bin/ELTService.sh
At least 1 DRC JONEC Startup
DRC JONEC Startup 1         : /opt/JONEC71-DC2/linux64/bin/JONECStartupVB1.sh
Add DRC JONEC Startup [y/n] ? y
DRC JONEC Startup 2 (end with an empty line) : /opt/JONEC71-DC2/linux64/bin/JONECStartupVB2.sh
DRC JONEC Startup 3 (end with an empty line) :
```

Setelah itu, tekan Enter. Kemudian akan ada input untuk IP Address remote PC Access.

```
At least, provide 1 IP Address to login this JONECAgentServer7.1 application
Set remote JONEC access PC IP Address
Remote IP Address           : 192.168.56.102

To start this JONECAgentServer7.1 application, as a root user from : /opt/JONECAgentServer7.1/start.sh
To stop this JONECAgentServer7.1 application, as a root user from : /opt/JONECAgentServer7.1/stop.sh
Setup - JONECAgentServer7.1 is finished successfully !
[root@localhost remoteaccessJONECLinux]#
```

Isikan Remote IP Address tersebut , tekan Enter dan instalasi JONECAgentServer7.1 selesai.

2.2 Instalasi Aplikasi JONECAgentClient7.1

Aplikasi JONEC Agent Client adalah aplikasi yang di install di lokasi *Terminal Remote* AB.

Skenario Kode AB adalah VB.

Berikut langkah-langkah instalasi aplikasi:

- 1) Lakukan extract File “**remoteaccessJONECLinux.zip**” yang telah diunduh sebelumnya dan simpan di lokasi host remote access JONEC dengan user root pada directori :

/opt

- 2) Sebelum melakukan Instalasi pastikan Aplikasi JONECAgentClient7.1 sudah dalam kondisi Off (tidak aktif).

- 3) Untuk instalasi JONECAgentClient7.1, dengan user root, lakukan berturut-turut :cd /opt

Unzip file remoteaccessJONECLinux.zip dengan comand :

unzip remoteaccessJONECLinux.zip

B. Eksekusi file installJONECAgentClient7.1.sh, dengan cara :

dos2unix installJONECAgentClient7.1.sh && chmod +x

./installJONECAgentClient7.1.sh && ./installJONECAgentClient7.1.sh

setelah tampilan layar License Agreement.


```

1. Introduction
These Desktop Application Standard JONECAgentClient7.1 Terms and Conditions written on this application shall manage your use of our Desktop Application.
These Terms will be applied fully and affect to your use of this Desktop Application. By using this Desktop Application, you agreed to accept all terms and conditions written in here. You must not use this Desktop Application if you
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5. Using this Desktop Application in any way that impacts user access to this Application;
6. Using this Desktop Application contrary to applicable law and regulations, or in any way may cause harm to the Application, or to any person or business entity;
7. Engaging in any data mining, data harvesting, data extracting or any other similar activity in relation to this Application;
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er ID and password you may have for this Desktop Application are confidential and you must maintain confidentiality as well.

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is under contract PT.Burra Efek Indonesia including its officers, directors and employees shall not be held liable for any indirect, consequential or special liability arising out of or in any way related to your use of this Desktop
Application.

7. Indemnification
You hereby indemnify to the fullest extent PT.Burra Efek Indonesia from and against any and/or all liabilities, costs, demands, causes of action, damages and expense arising in any way related to your breach of any of the provision
s of these Terms.

8. Severability
If any provision of these Terms is found to be invalid under any applicable law, such provisions shall be deleted without affecting the remaining provisions herein.

9. Variation of Terms
PT.Burra Efek Indonesia is permitted to revise these Terms at any time as it sees fit, and by using this Website you are expected to review these Terms on a regular basis.

10. Assignment
PT.Burra Efek Indonesia is allowed to assign, transfer, and subcontract its rights and/or obligations under these Terms without any notification. However, you are not allowed to assign, transfer, or subcontract any of your rights a
nd/or obligations under these Terms.

11. Entire Agreement
These Terms constitute the entire agreement between PT.Burra Efek Indonesia and you in relation to your use of this Desktop Application and supersedes all prior agreements and understandings.

12. Governing Law & Jurisdiction
These Terms will be governed by and interpreted in accordance with the laws of the State of Indonesia, and you submit to the non-exclusive jurisdiction of the state and federal courts located in Indonesia for the resolution of any d
isputes.
Do you accept the terms in the license agreement? [y/n] ☒

```

4) Klik tombol Y/y untuk melanjutkan instalasi. Setelah tampilan gambar berikut. Isikan berturut-turut Broker Code, Broker Name dan Serial Number .

```

You have accepted the license agreement.
Please wait while JONECAgentClient7.1 is being installed...

Setup - JONECAgentClient7.1 version 1.0.0

Please Enter Registered Company and Product Serial Number
Broker Code           : VB_01
Broker Name           : CAKRATECH SECURITIES INDONESIA
Serial Number         : XMG12S3P8HKPMGV02K1Z

```

5) Berikutnya , untuk setting IP Address. Isikan Local IP Address pc remote access dan Server IP Address adalah lokasi IP Address JONECAgentServer7.1.

```

Setting IP Address

Set Local IP Address and Server IP Address
Please select one of [ 192.168.56.102 192.168.122.1 ]
Local IP Address      : 192.168.56.102
Server IP Address     : 192.168.56.101

```

6) Selanjutnya, isikan user name yang berhak untuk mengakses aplikasi JONECAgentClient7.1.

```

Please Enter Username for access this JONECAgentClient7.1 Desktop Application
User Name             : cjonec

Setup - JONECAgentClient7.1 is finished
You can start this JONECAgentClient7.1 Desktop Application as cjonec from localhost xwindow at this: /opt/JONECAgentClient7.1/linux64/bin/JAClientTray.sh shell script file
Or remotely via ultraviewer/vncviewer at this: /opt/JONECAgentClient7.1/linux64/bin/JAClientTray.sh shell script file
[root@localhost remoteaccessJONECLinux]#

```

Tekan Enter dan instalasi JONECAgentClient7.1 selesai.

3

Panduan Penggunaan

3.1 Penggunaan Aplikasi JONECAgentServer7.1

Setelah proses Instalasi Aplikasi JONECAgentServer7.1 berhasil dilakukan.

Fitur yang terdapat pada Aplikasi JONECAgentServer7.1 yaitu:

Start Aplikasi JONECAgent Server7.1 dan Stop Aplikasi JONECAgentServer7.1.

1) Start JONECAgentServer7.1

Dapat dilakukan dengan cara, sebagai user root. Lakukan langkah-langkah berikut ini :

- cd /opt/JONECAgentServer7.1
- ./start.sh [lalu tekan Enter]

2) Stop JONECAgentServer7.1

Dapat dilakukan dengan cara, sebagai user root. Lakukan langkah-langkah berikut ini :

- cd /opt/JONECAgentServer7.1
- ./stop.sh [lalu tekan Enter]

```
[root@localhost JONECAgentServer7.1]# pwd
/opt/JONECAgentServer7.1
[root@localhost JONECAgentServer7.1]# ll /*.sh
-rwxr-xr-x 1 root root 342 Nov  3 15:26 ./start.sh
-rwxr-xr-x 1 root root 202 Nov  3 15:26 ./stop.sh
[root@localhost JONECAgentServer7.1]#
```

3) Pengecekan Instalasi JONECAgentServer7.1

Untuk melakukan pengecekan Instalasi JONECAgentServer7.1 dapat dilakukan dengan cara yaitu:

- ps -aux|grep Dari Services, bisa di cek apakah service JONECAgentServer7.1 dalam status Running atau tidak.

```
[root@localhost JONECAgentServer7.1]# ps -aux|grep Agent
root      11254  1.2  1.5 4886828 126072 pts/3    Sl   15:39    0:04 /opt/JONECAgentServer7.1/linux64/jre/bin/java -cp ./JonecAgent-1.0.0.jar:lib/*: id.co.idx.jonec.agent.service.EngineLauncher
root      11363  0.0  0.0 112640  960 pts/3      S+   15:46    0:00 grep --color=auto Agent
```

- Dari command netstat melalui command line:

netstat -an|grep 3099

```
[root@localhost JONECAgentServer7.1]# netstat -an|grep 3099
tcp6      0      0 :::3099          :::*              LISTEN
unix  3      [ ]          STREAM  CONNECTED  30995
unix  3      [ ]          STREAM  CONNECTED  30990 @/tmp/dbus-6TAcRCn8
[root@localhost JONECAgentServer7.1]#
```

3.2 Penggunaan Aplikasi JONECAgentClient7.1

Setelah proses Instalasi Aplikasi JONECAgentClient7.1 berhasil dilakukan. Lokasi aplikasi direktori ada di : /opt/JONECAgentClient7.1

Untuk dapat me-running aplikasi JONECAgentClient7.1, silahkan login dengan username yang telah ditentukan pada saat instalasi melalui aplikasi ultraviewer(untuk akses RHEL) atau vncviwer untuk akses CentOS.

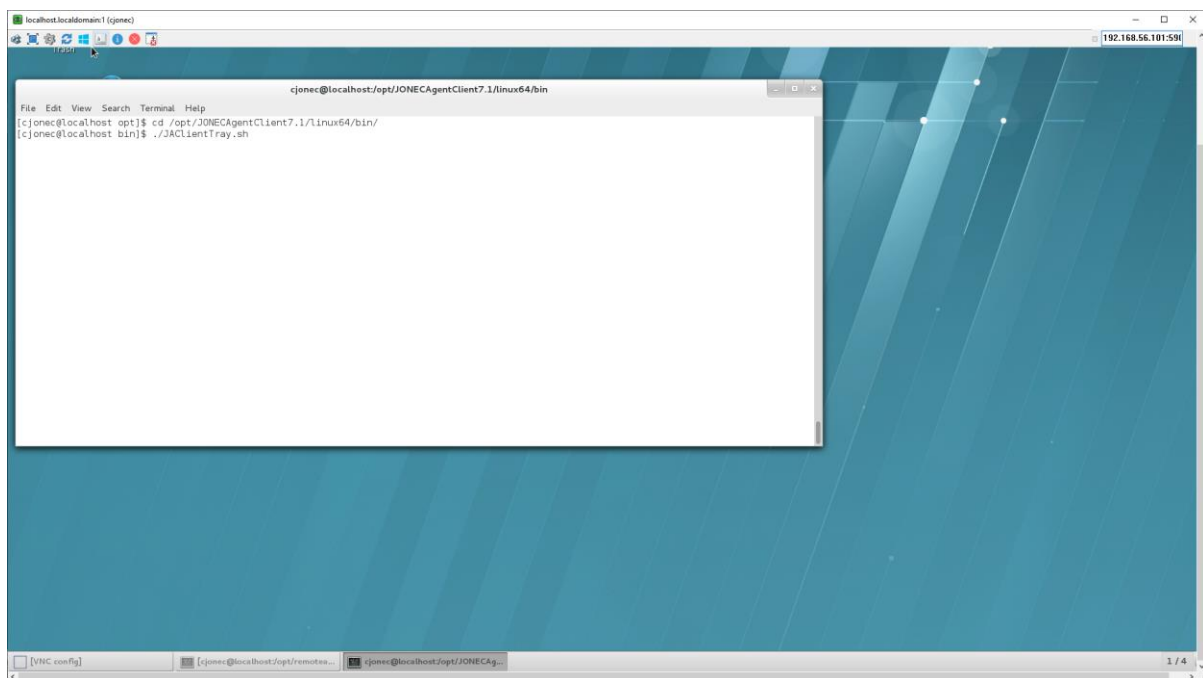
Pada contoh, digunakan ultraviewer dan akses RHEL 7.1


3.2.1 Menjalankan Aplikasi

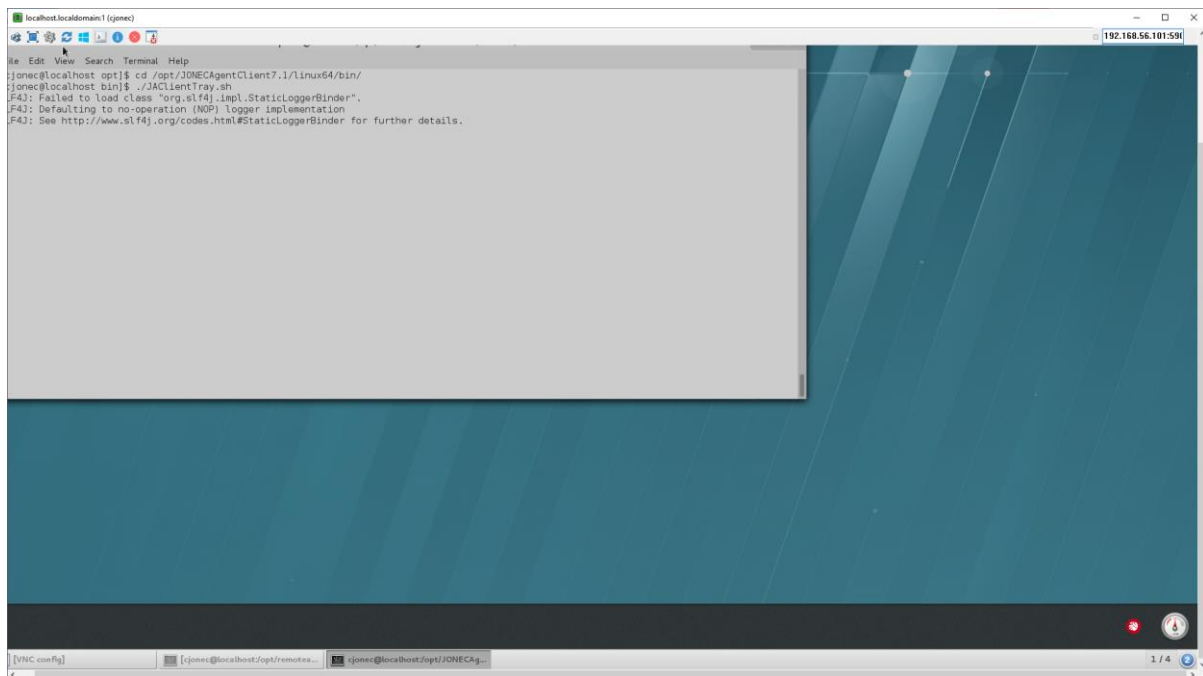
1) Setelah berhasil login, lakukan berturut-turut :

```
cd /opt/JONECAgentClient7.1/linux64/bin
```

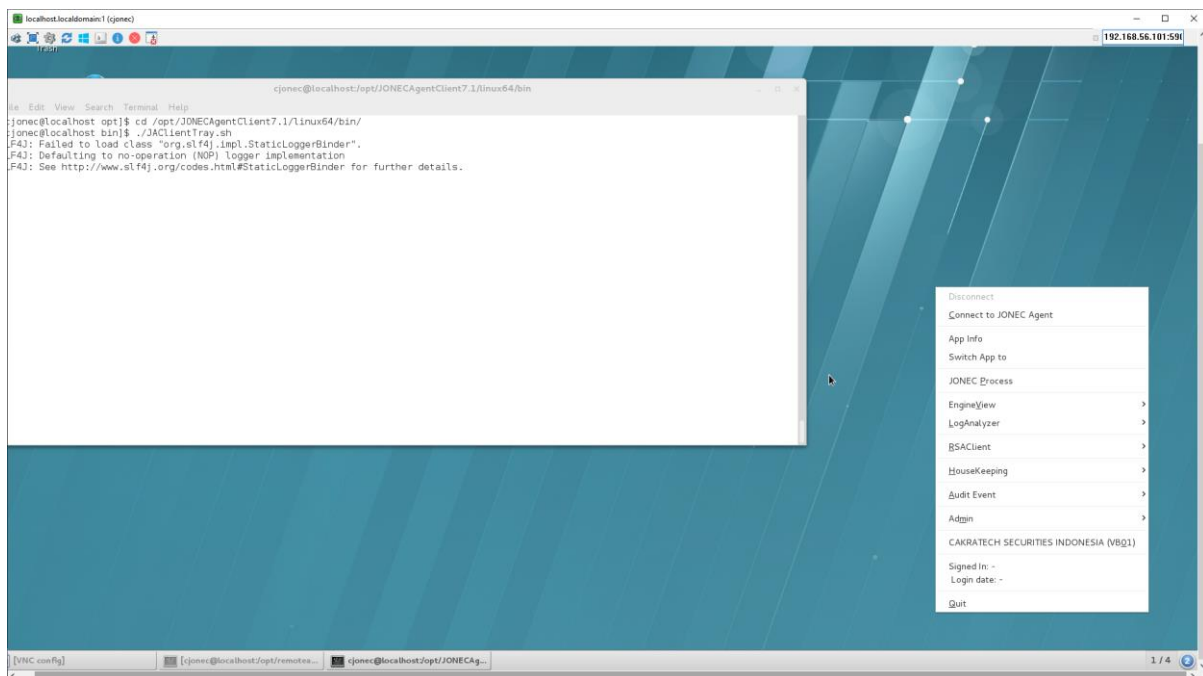
```
./JAClientTray.sh [lalu tekan Enter]
```



2) Selanjutnya akan tampil dilayar berikut ini. Klik pada icon  di pojok kanan bawah.



Pilih icon , dan klik tombol kiri mouse. Dan akan muncul tampilan



Catatan:

Tampilan dapat berbeda pada setiap laptop atau pc, OS RHEL/CentOS dengan tipe xwindow .

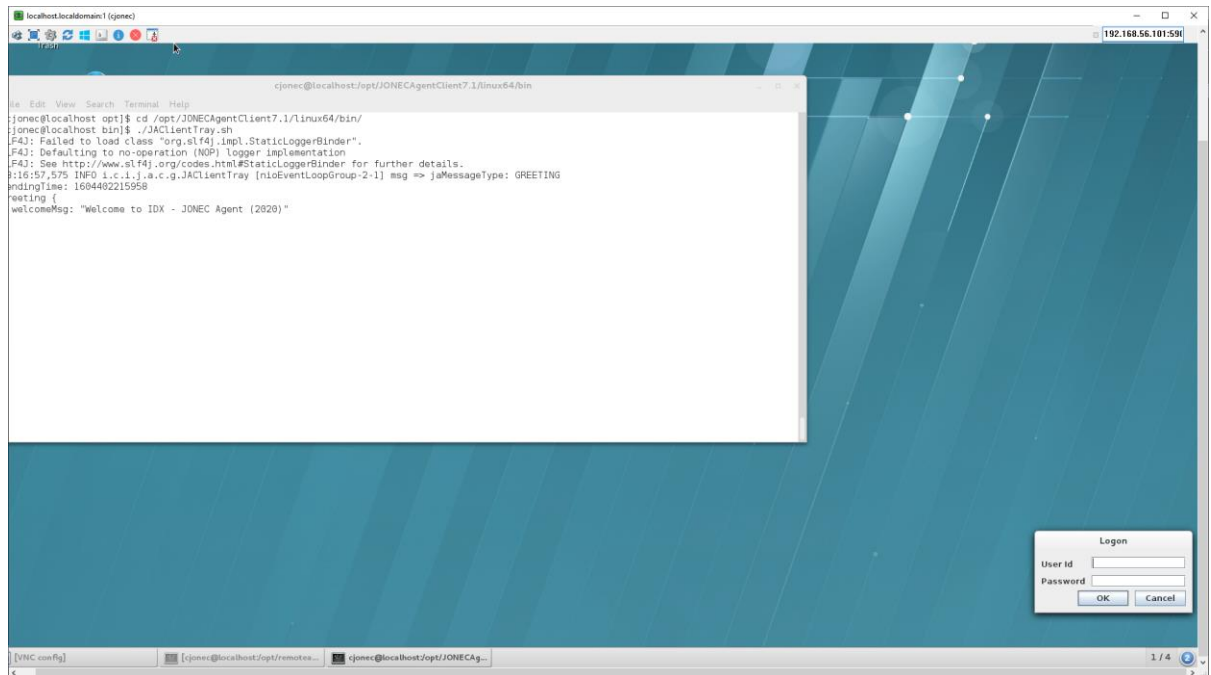
3.2.2 Menjalankan Fitur/Menu Aplikasi JONECAgentClient7.1

Berikut cara menjalankan Fitur/Menu pada Aplikasi JONECAgentClient7.1

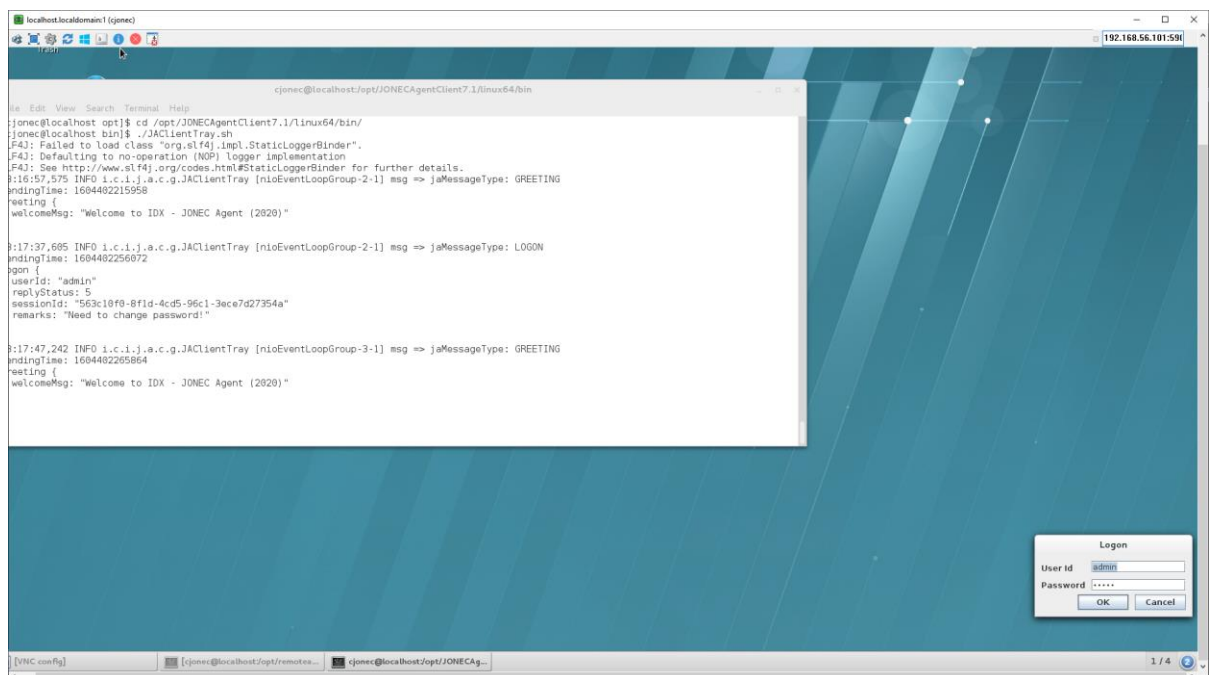
3.2.2.1 Connect to JONEC Agent

Connect to JONEC Agent bertujuan untuk melakukan koneksi dari JONECAgentClient7.1 ke JONECAgentServer7.1.

- 1) Klik Connect to JONEC Agent. Selanjutnya akan muncul tampilan Logon User ID dan Password.



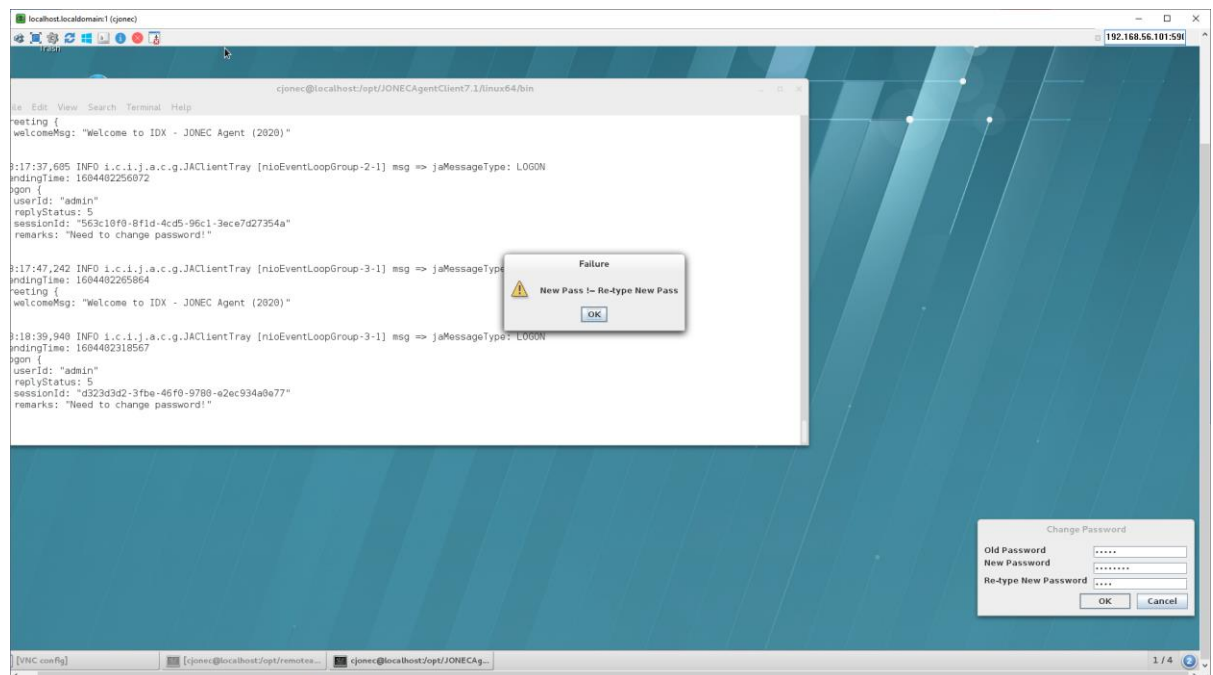
- 2) Selanjutnya masukkan User ID: admin dengan default Password: admin (contoh) kemudian Klik tombol "OK".



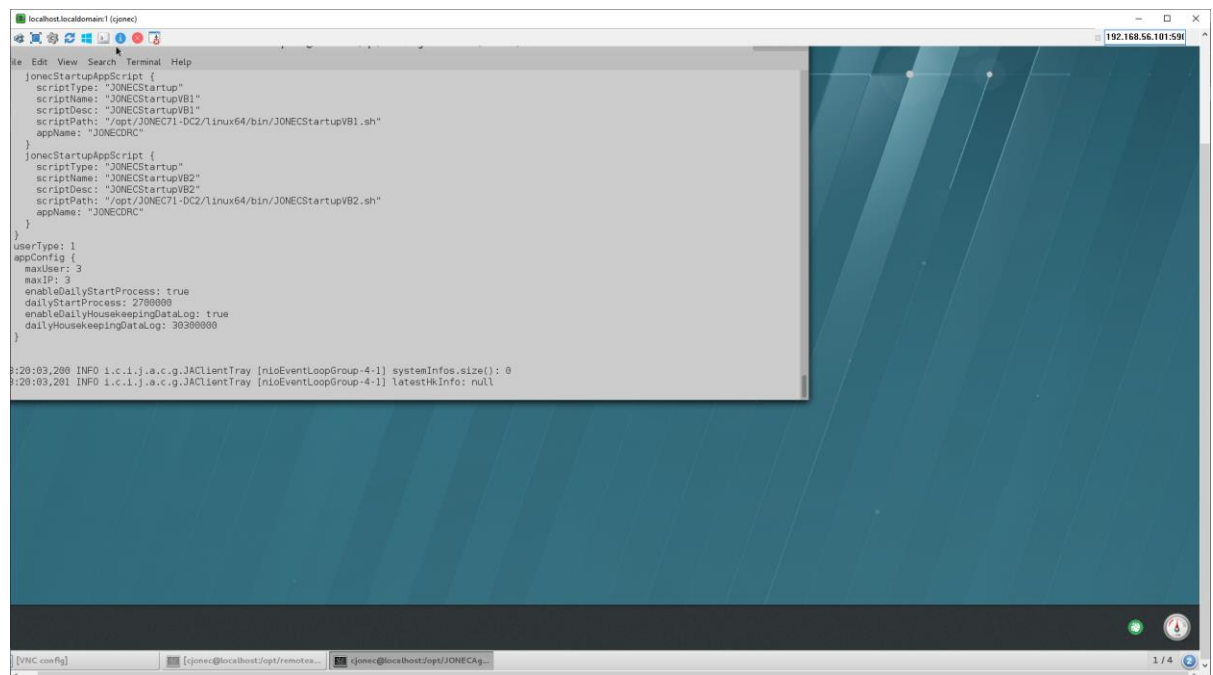
3. Pada kali pertama login dengan user : admin ada keharusan untuk mengganti password. Silahkan ganti password yang lama : admin dengan New Password

sesuai dengan password yang diinginkan dan ulangi input New Password tersebut pada isian Re-type New Password.

Jika isian Re-type New Pass tidak sama akan muncul tampilan pop up message :



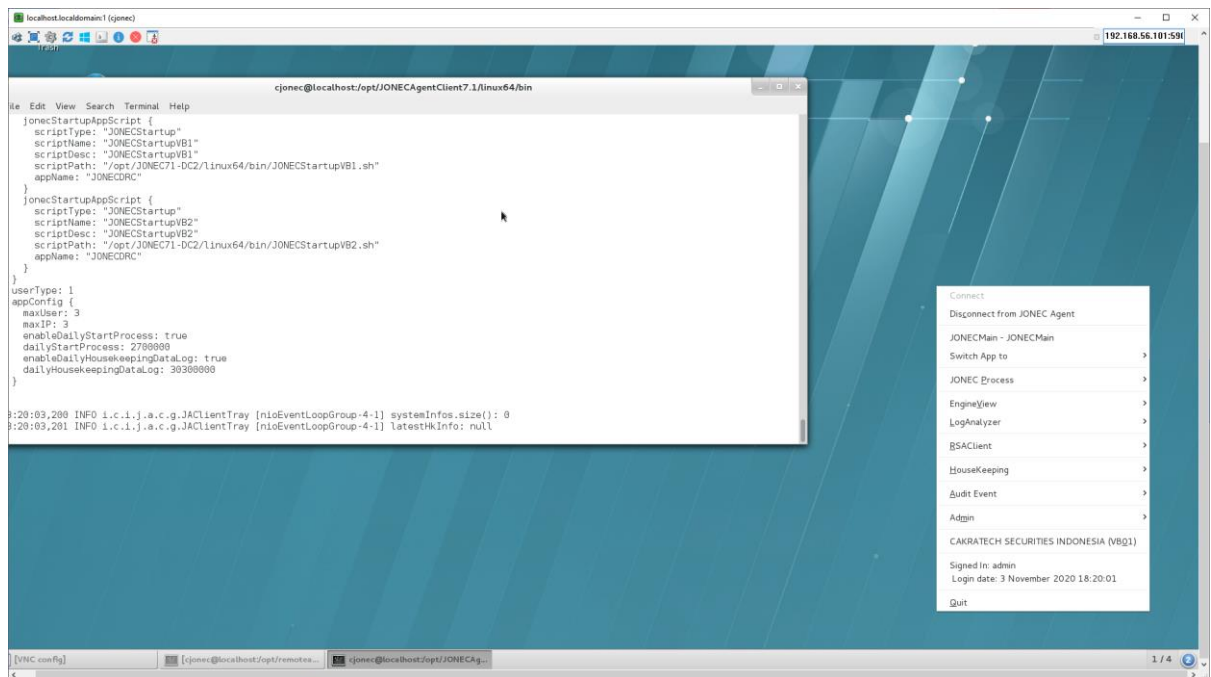
Ulangi sampai sama untuk isian NewPassword dan Re-type New Password. Berikutnya , ulangi proses Connect to JONEC Agent dengan user admin dan password yang baru, kemudian tekan OK.



Sebagai indikator VB - JONEC Agent Client Connected, icon JONECAgentClient7.1

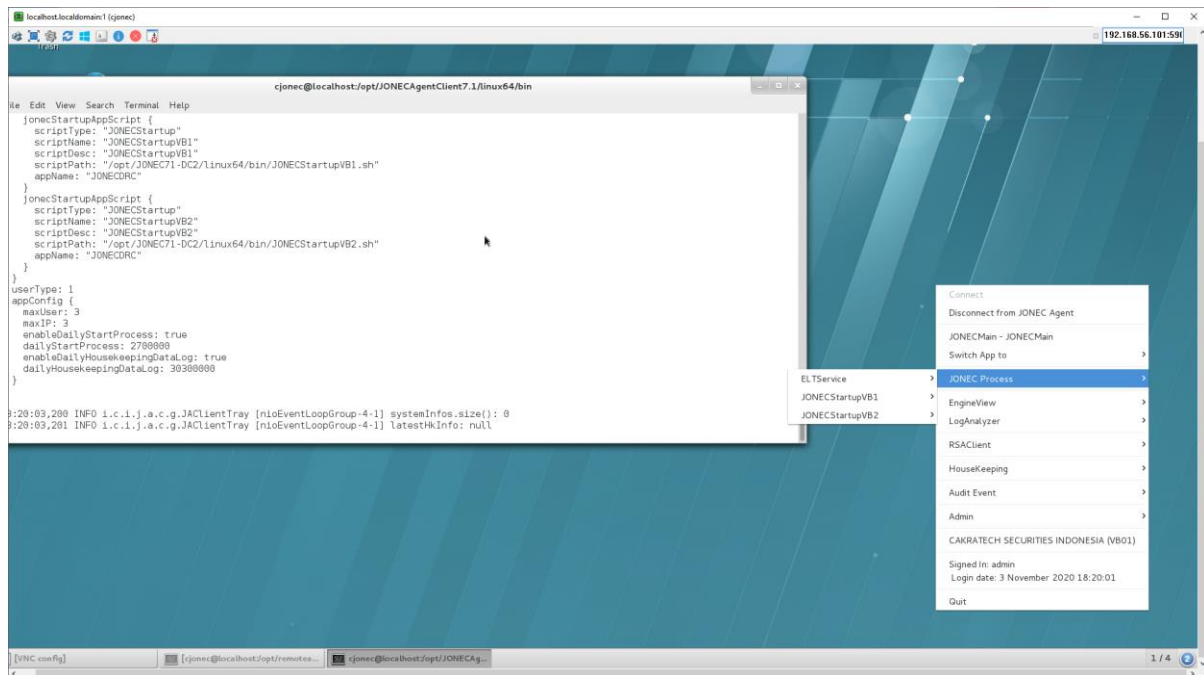


akan berubah warna menjadi hijau dan informasi Signed In: admin dan Login Date.



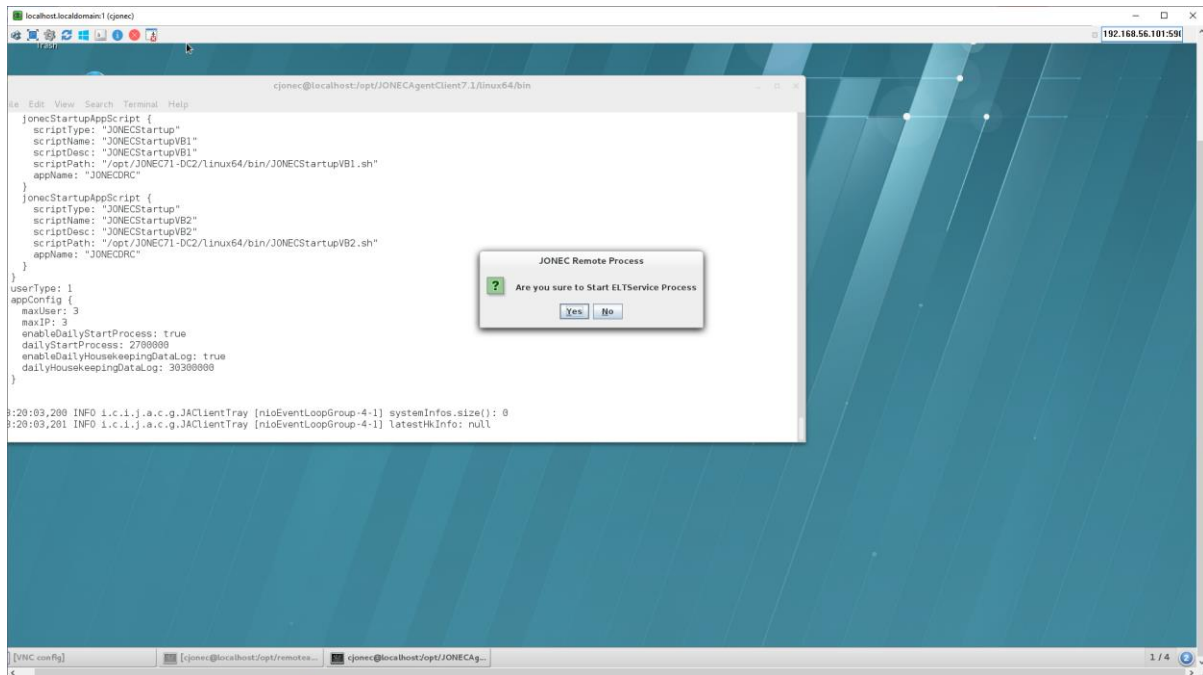
3.2.2.2 JONEC Process

Pada fitur/menu JONEC Process terdapat dua sub menu:

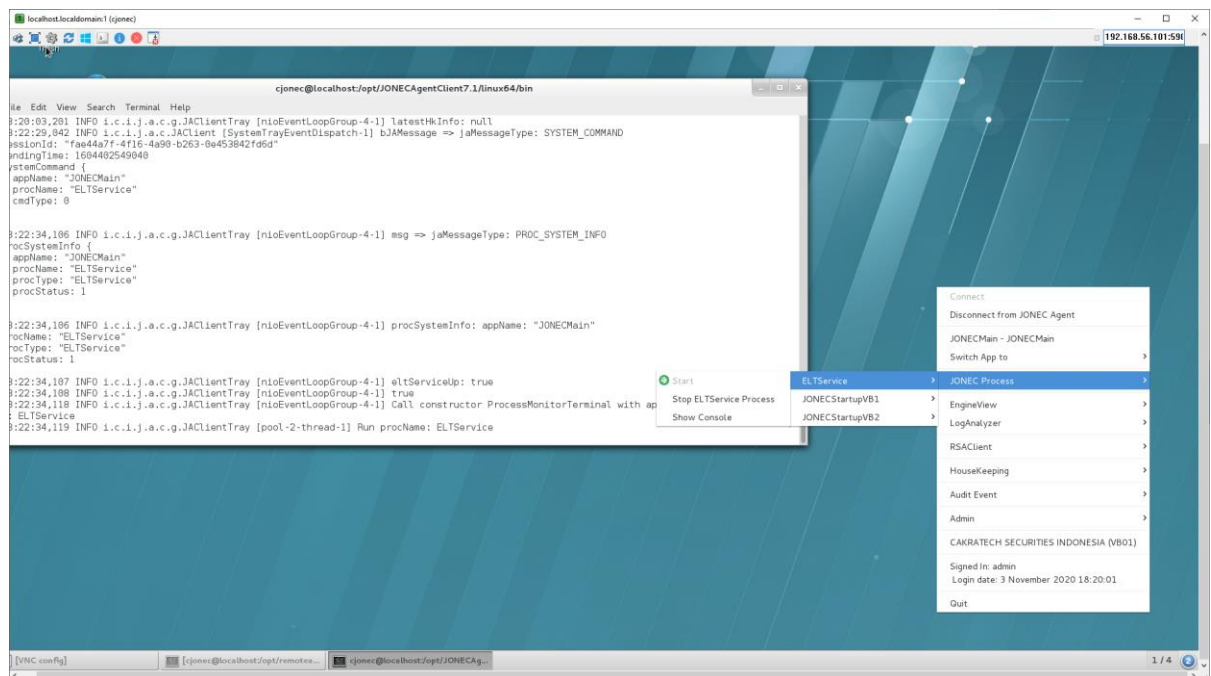


3.2.2.2.1 JONEC Process – ELTService

- 1) Klik JONEC Process - ELT Service - Start ELT Service untuk melakukan start ELTService.sh

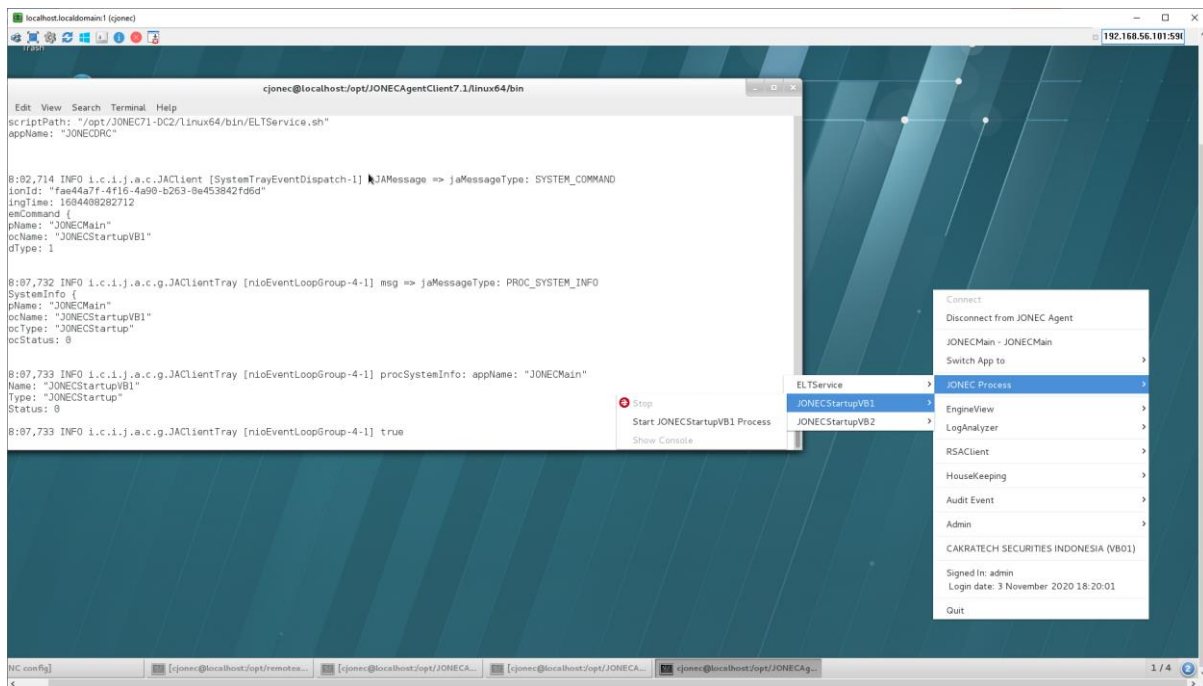


- 2) Selanjutnya muncul "Dialog Box" lalu Klik tombol "Yes"

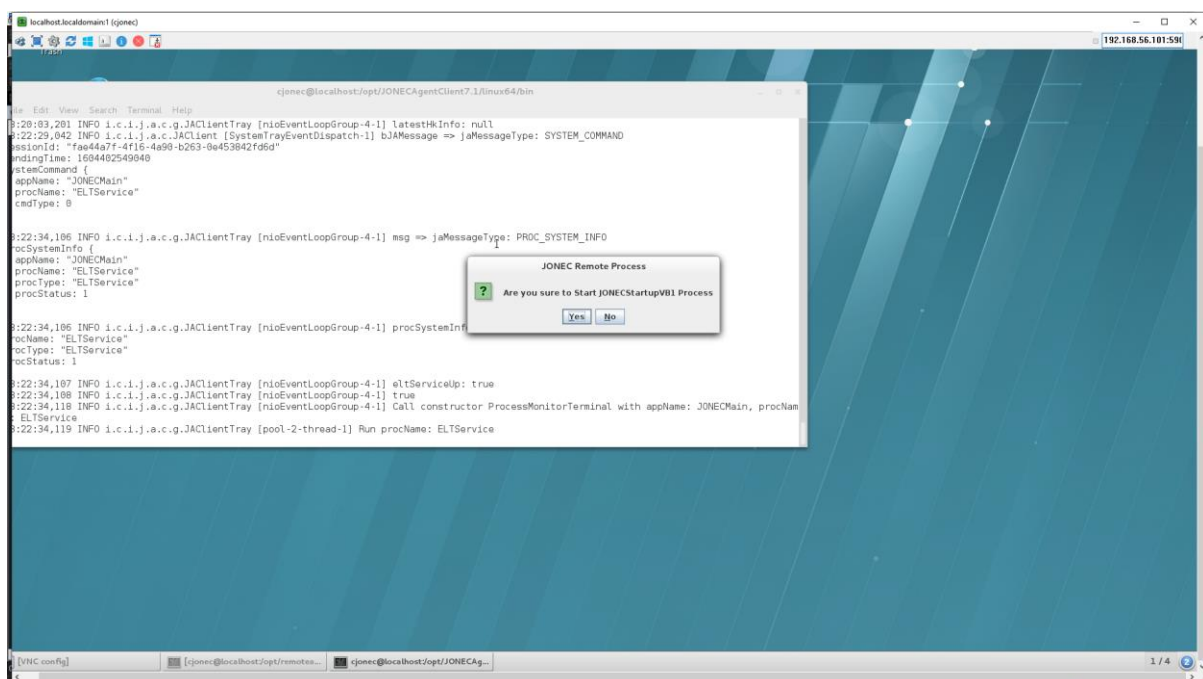


3.2.2.2 JONEC Process – JONECStartup

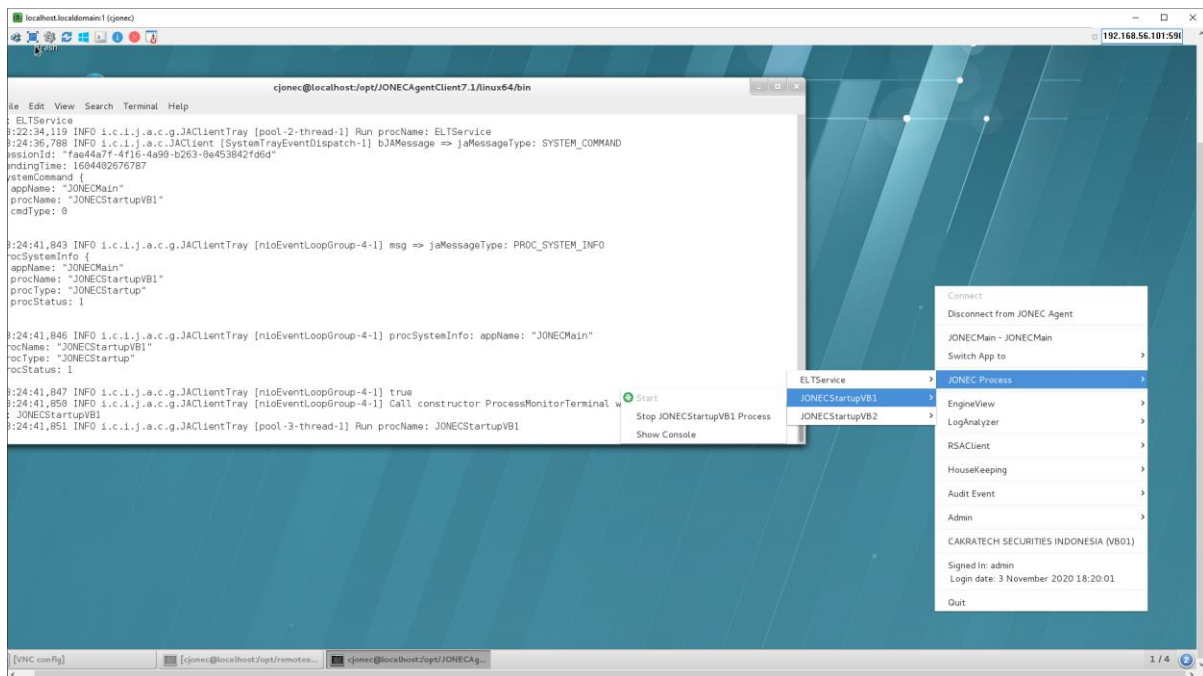
- 1) Klik JONEC Process - JONECStartupVB1 - Start JONEC StartupVB1 process untuk melakukan start JONECStartupVB1.sh



- 2) Selanjutnya muncul "Dialog Box" lalu Klik tombol "Yes"



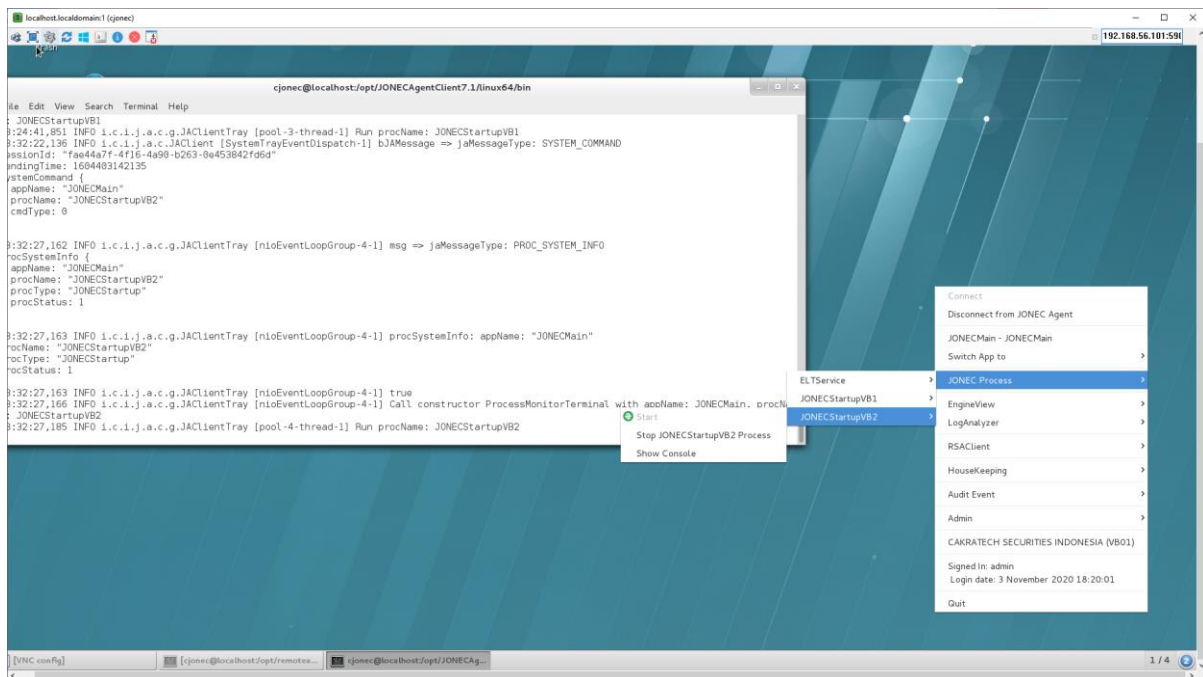
- 3) JONECMain - JONECStartupVB1, untuk versi Linux console tidak akan aktif.



Untuk mengecek kalau ELTService dan JONECStartupVB1 sudah aktif bisa di cek silang pada host JONECAgentServer7.1 dengan perintah : `ps -aux|grep JON` , dan user root.

```
[root@localhost remoteaccessJONECLinux]# ps -aux|grep JON
root      17461  1.1  3.6 4445208 289388 pts/0    Sl   17:52   0:26 /opt/JONECAgentServer7.1/linux64/jre/bin/java -cp .:JonecAgent-1.0.0.jar:lib/*: id.co.idx.jonec.agent.service.EngineLauncher
root      19562  0.0  0.0 113288 1564 pts/0      S    18:22   0:00 /bin/sh /opt/JONEC71-DC1/linux64/bin/ELTService.sh
root      19746  0.0  0.0 113288 1560 pts/0      S    18:24   0:00 /bin/sh /opt/JONEC71-DC1/linux64/bin/JONECStartupVB1.sh
root      20173  0.0  0.0 112816  972 pts/2      S+   18:29   0:00 grep --color=auto JON
[root@localhost remoteaccessJONECLinux]#
```

4) Ulangi langkah 1 dan langkah 2 untuk melakukan start JONECStartupVB2.sh

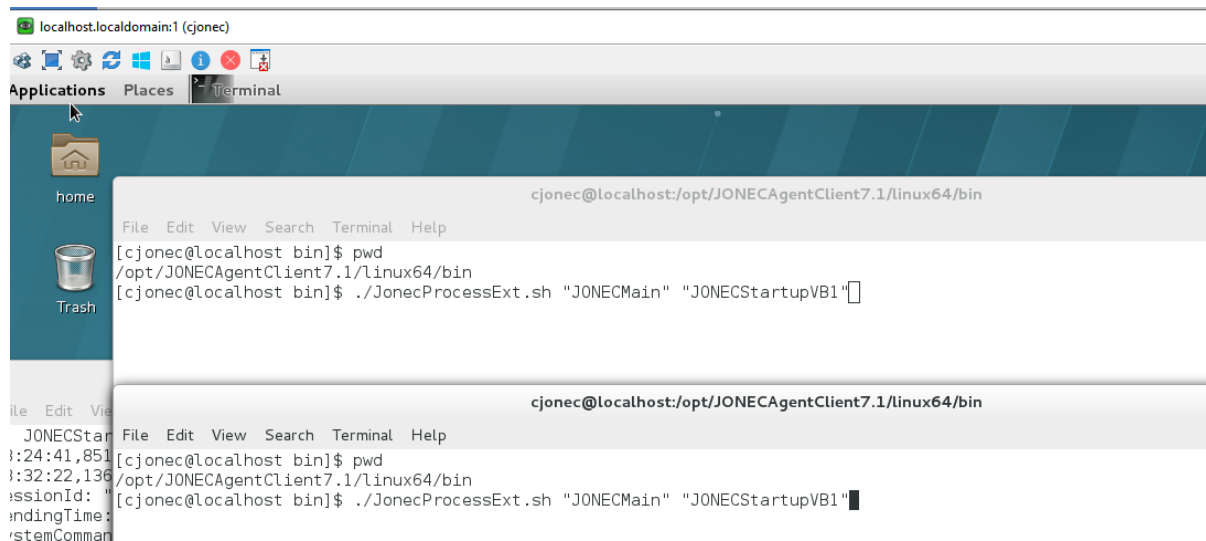


Cek lagi dengan perintah yang sama dengan user root pada host JONECAgentServer7.1

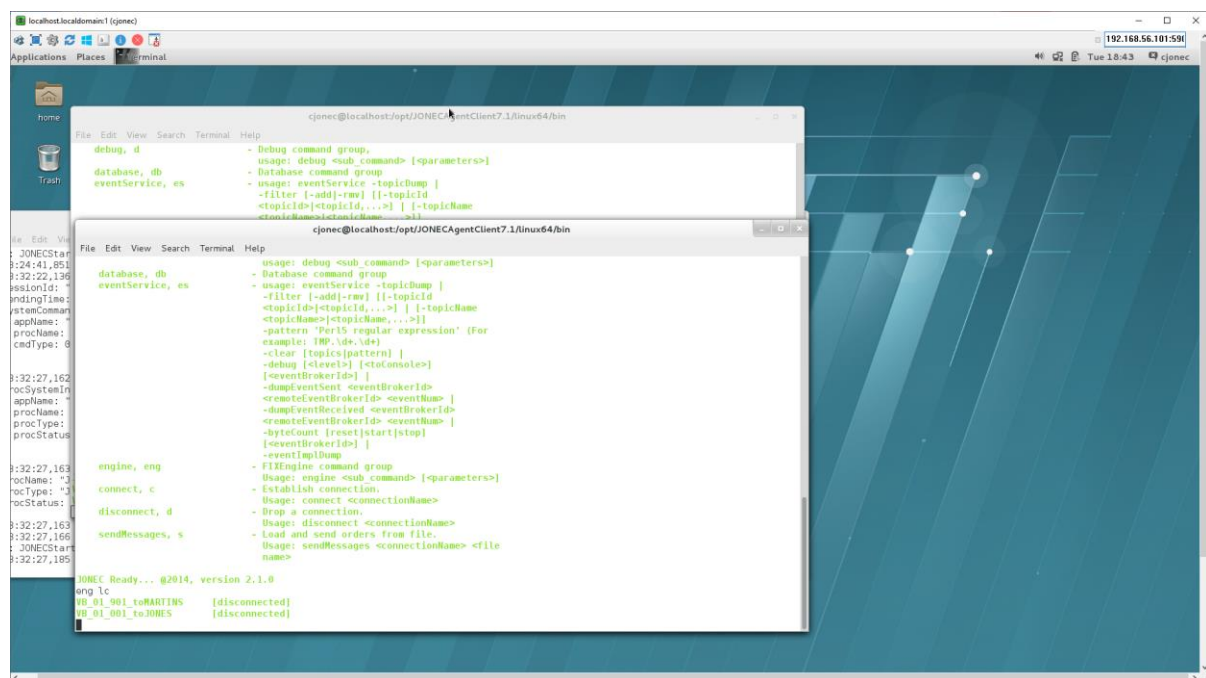
```
[root@localhost remoteaccessJONECLinux]# ps -aux|grep JON
root      17461  1.1  4.0 4466740 322348 pts/0    Sl   17:52   0:27 /opt/JONECAgentServer7.1/linux64/jre/bin/java -cp .:JonecAgent-1.0.0.jar:lib/*: id.co.idx.jonec.agent.service.EngineLauncher
root      19562  0.0  0.0 113288 1564 pts/0      S    18:22   0:00 /bin/sh /opt/JONEC71-DC1/linux64/bin/ELTService.sh
root      19746  0.0  0.0 113288 1560 pts/0      S    18:24   0:00 /bin/sh /opt/JONEC71-DC1/linux64/bin/JONECStartupVB1.sh
root      20376  0.0  0.0 113288 1564 pts/0      S    18:32   0:00 /bin/sh /opt/JONEC71-DC1/linux64/bin/JONECStartupVB2.sh
root      20457  0.0  0.0 112816  972 pts/2      R+   18:32   0:00 grep --color=auto JON
[root@localhost remoteaccessJONECLinux]#
```

Jika ingin melihat console dari masing-masing JONECStartupVB1 dan JONECStartupVB2. Buka 2 terminal console , pindah pada direktory /opt/JONECAgentClient71 dan ketik :

- `./JonecProcessExt.sh "JONECMain" "JONECStartupVB1"` untuk memonitor proses JONECStartupVB1 dan
- `./JonecProcessExt.sh "JONECMain" "JONECStartupVB2"` untuk memonitor proses JONECStartupVB2



Setelah ke-2 command tersebut diatas dilakukan, akan tampil console JONECStartupVB1 dan JONECStartupVB2, seperti tampak dalam gambar berikut ini.

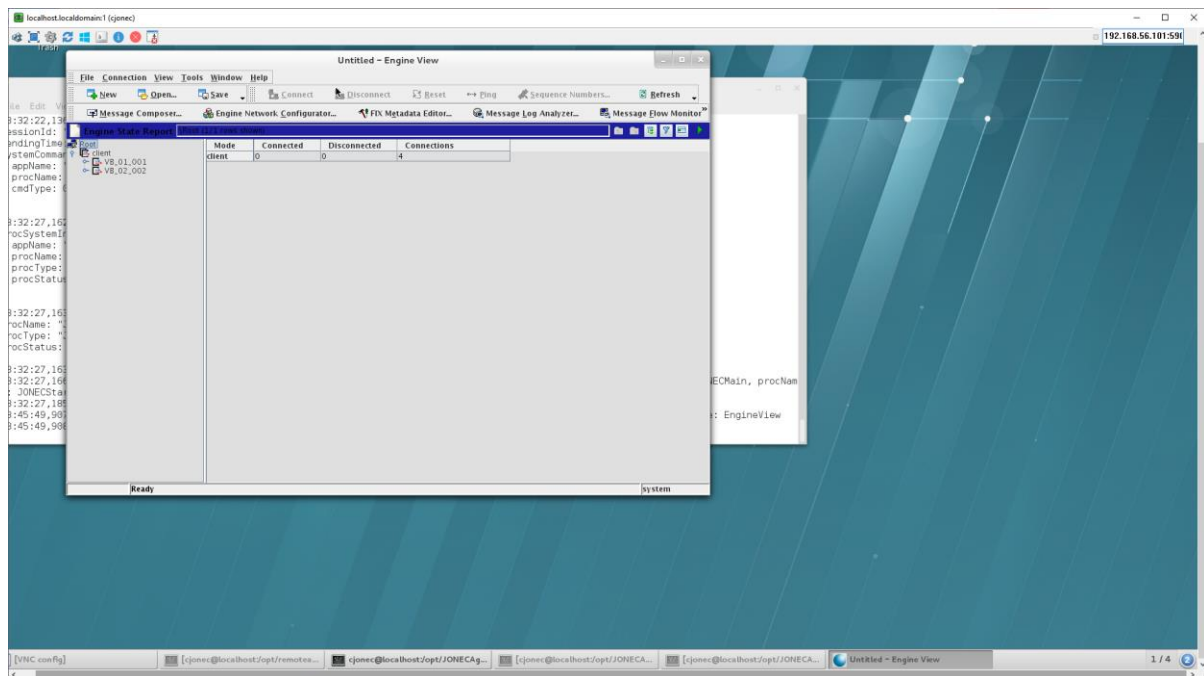


Tampilan koneksi akan terkait dengan koneksi yang ada pada enginenetwork.xml dan instance JONECMain maupun JONECDCRC .

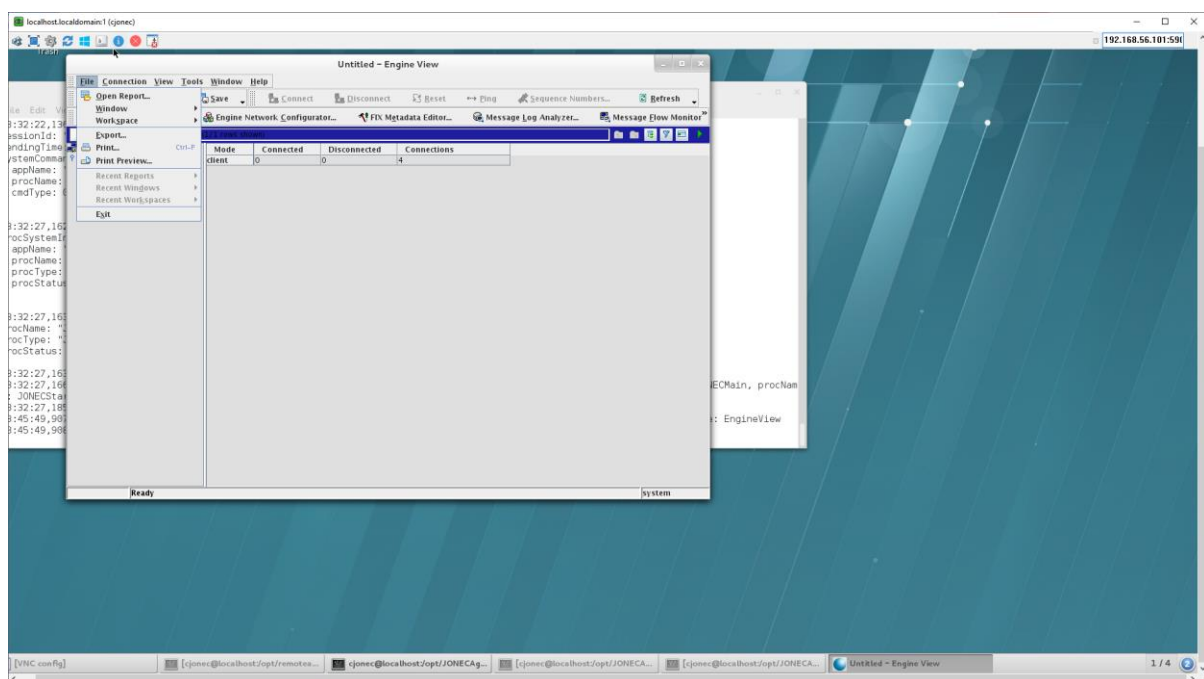
3.2.2.3 Engine View

Menu ini digunakan untuk membuka Engine View.

1) Klik Menu EngineView - Show Console.



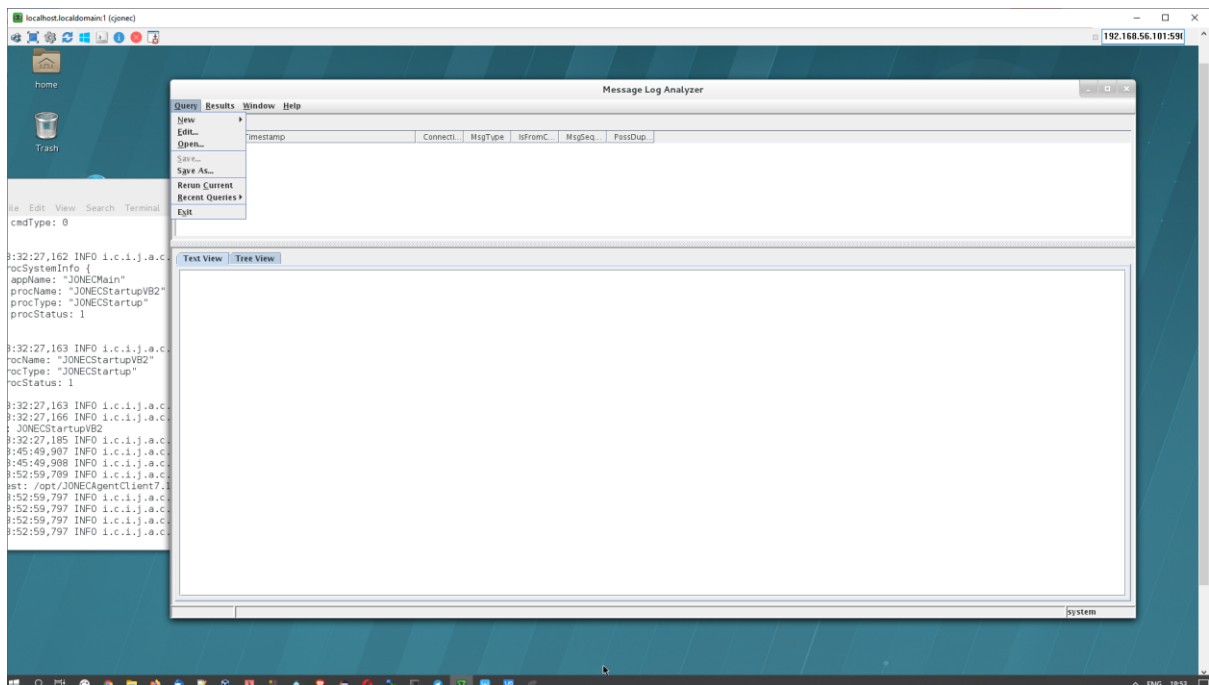
2) Untuk keluar dari Menu EngineView , klik File - Exit.



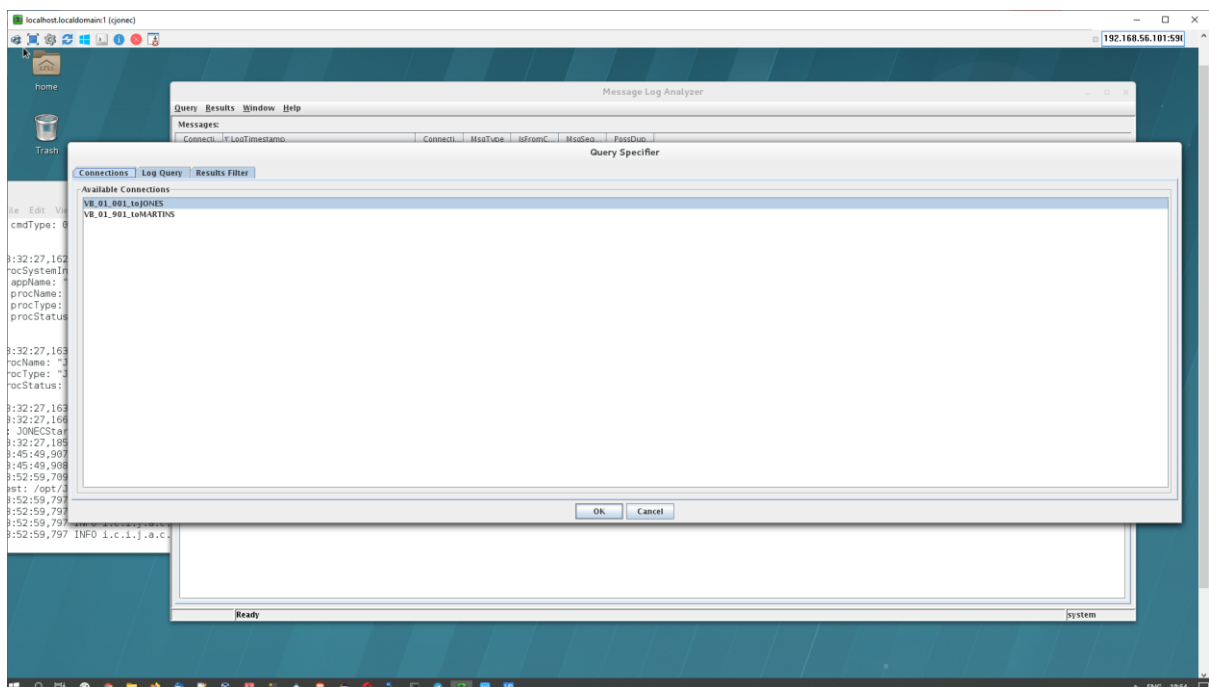
3.2.2.4 Log Analyzer

Menu ini digunakan untuk membuka Log Analyzer.

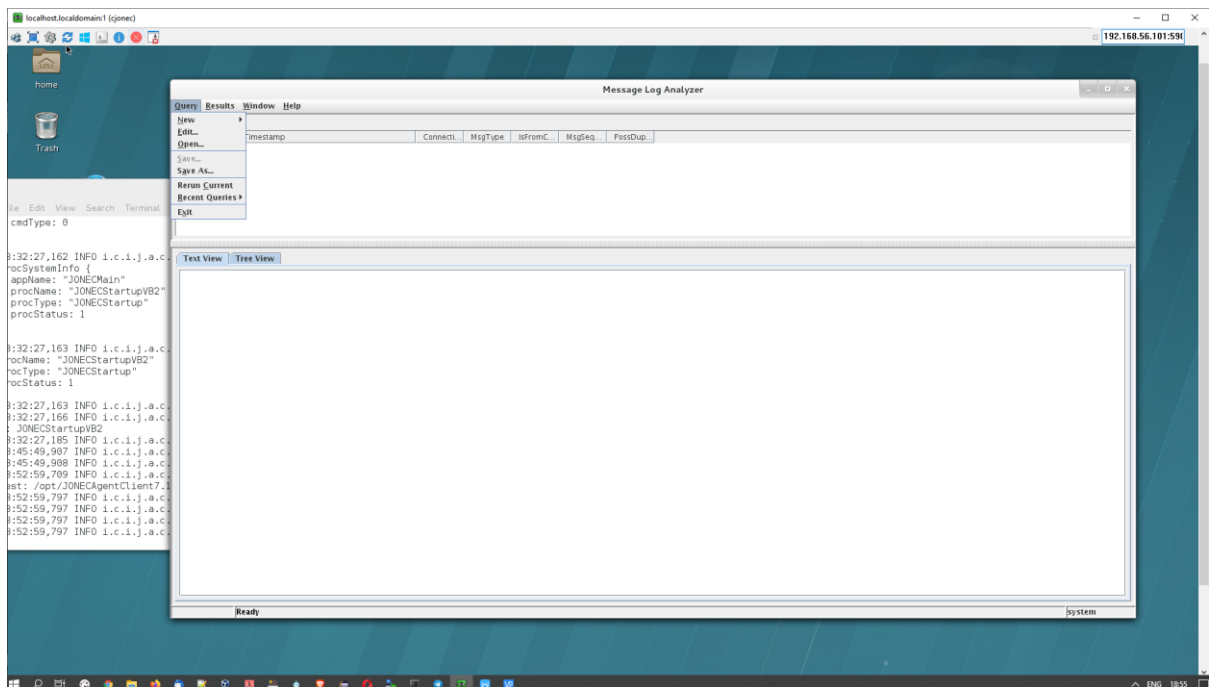
1) Klik Log Analyzer - Show Console.



Dan selanjutnya, gunakan sebagaimana seperti biasanya.

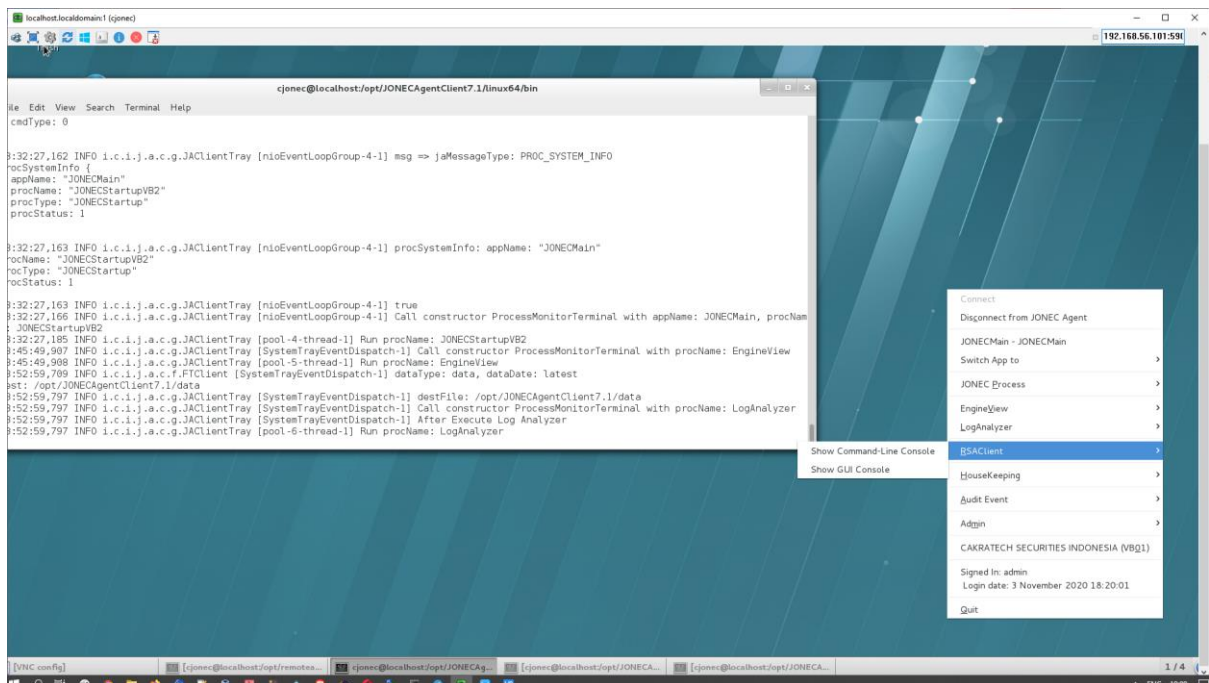


2) Untuk Keluar dari Message Log Analyzer, klik Query – Exit



3.2.2.5 RSA Client

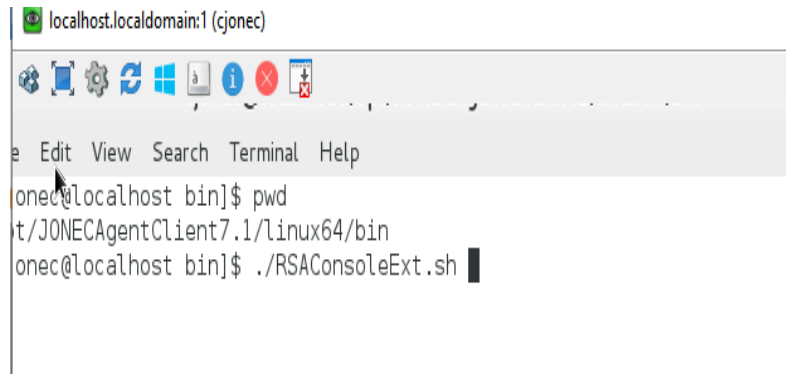
Pada Menu RSA Client terdapat dua submenu:



3.2.2.5.1 Sub Menu RSA Client – Command Line Console

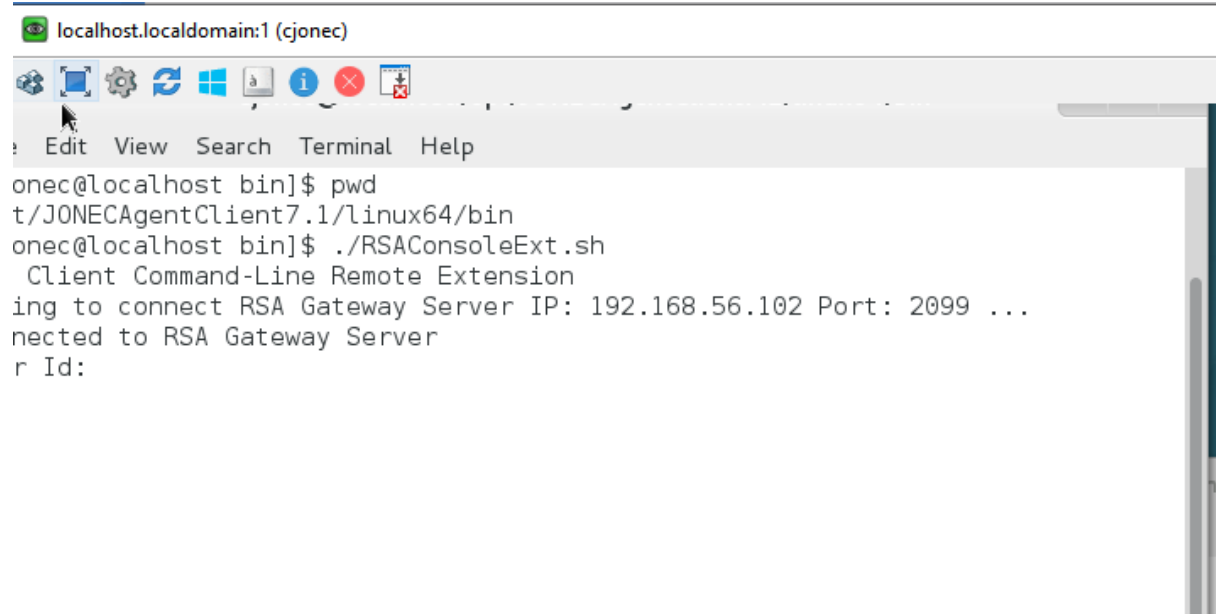
- 1) Untuk menampilkan console RSAClient, dari direktory /opt/JONECAgentClient7.1.

Ketik `./RSAConsoleExt.sh`



```
localhost.localdomain:1 (cjonec)
onec@localhost bin]$ pwd
/opt/JONECAgentClient7.1/linux64/bin
onec@localhost bin]$ ./RSAConsoleExt.sh
```

- 2) Setelah tekan tombol Enter :

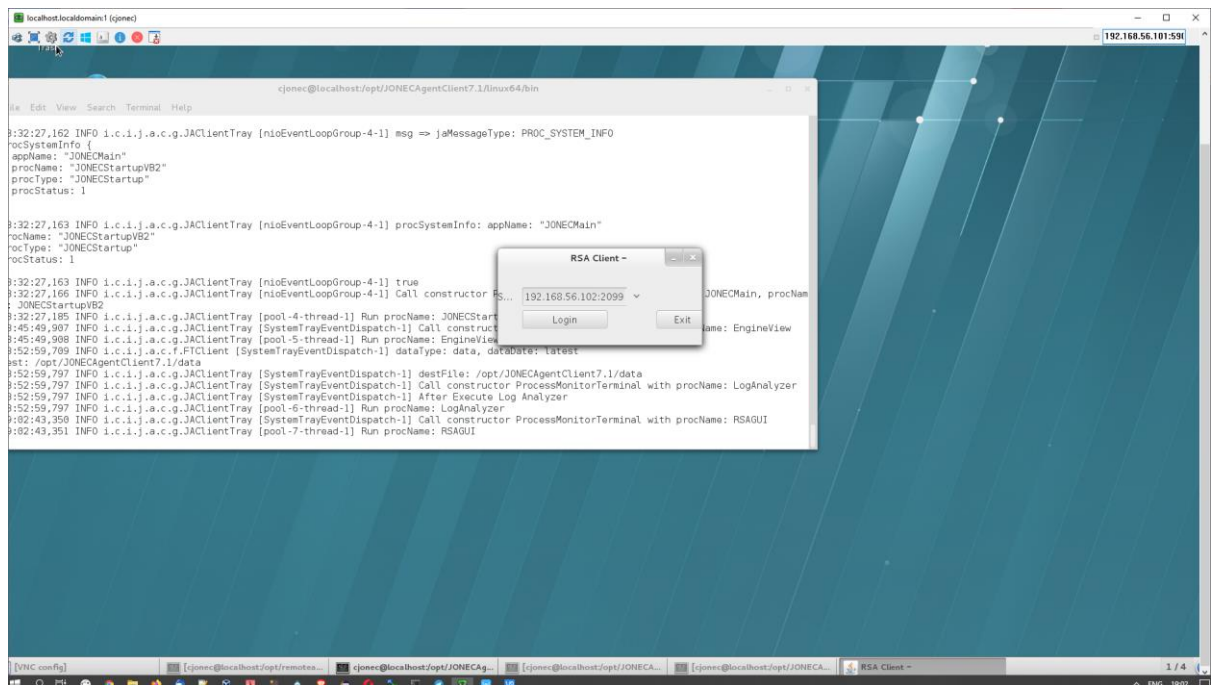


```
localhost.localdomain:1 (cjonec)
onec@localhost bin]$ pwd
/opt/JONECAgentClient7.1/linux64/bin
onec@localhost bin]$ ./RSAConsoleExt.sh
Client Command-Line Remote Extension
ing to connect RSA Gateway Server IP: 192.168.56.102 Port: 2099 ...
nected to RSA Gateway Server
r Id:
```

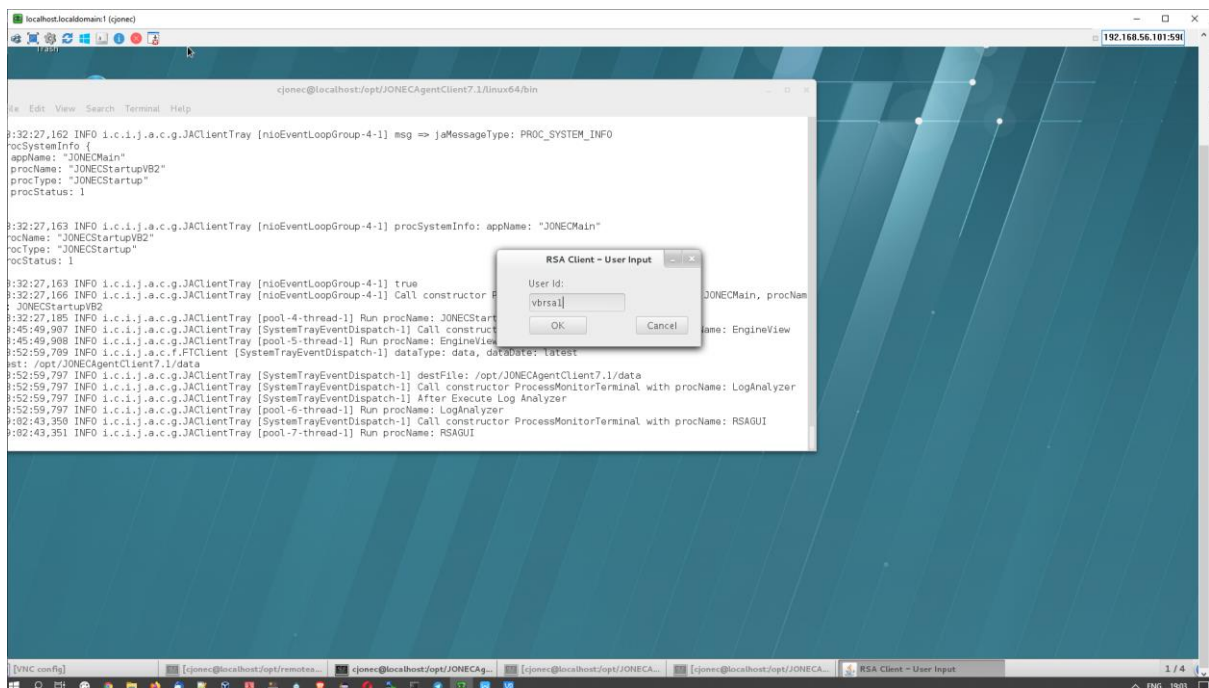
- 3) Selanjutnya lakukan aktifitas koneksi RSA Client dengan meng-input User Id dan Token sebagaimana biasanya.

3.2.2.5.2 Sub Menu RSA Client – GUI Console

- 1) Klik sub menu Show GUI Console.



2) Masukan UserID



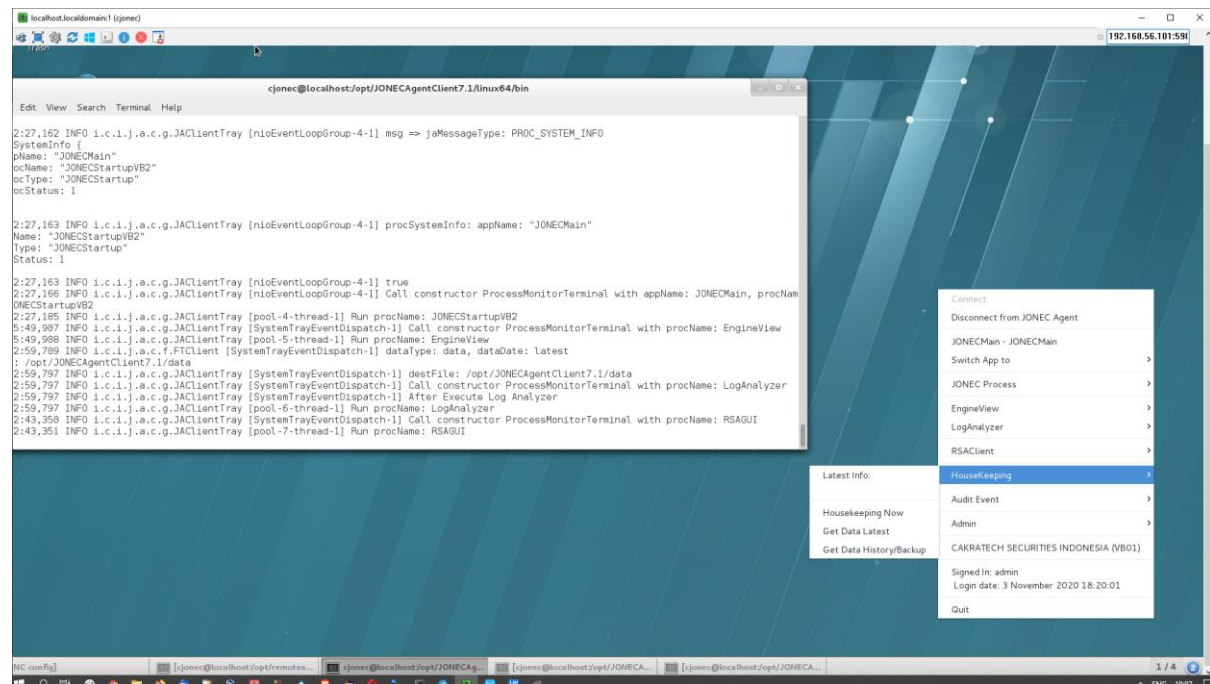
3) Klik tombol “OK” untuk proses selanjutnya.

3.2.2.6 House Keeping

Pada Fitur/Menu House Keeping terdapat 4 submenu:

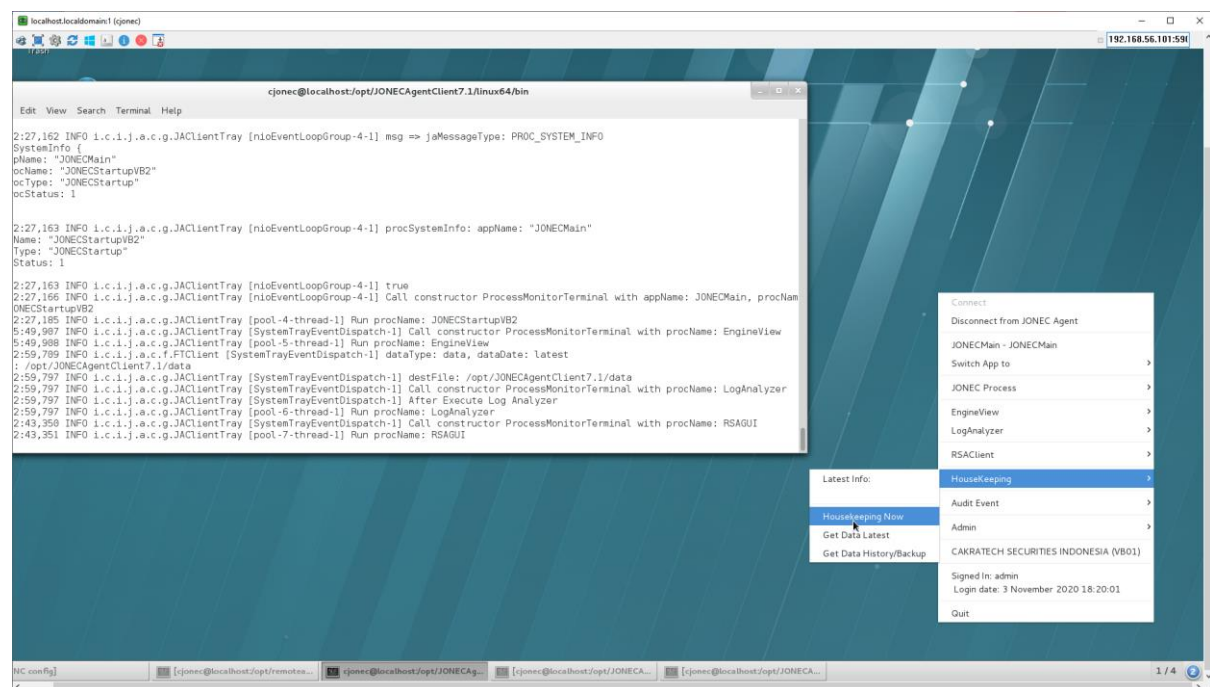
3.2.2.6.1 House Keeping – Lates Info

Merupakan informasi kegiatan housekeeping yang dilakukan terakhir



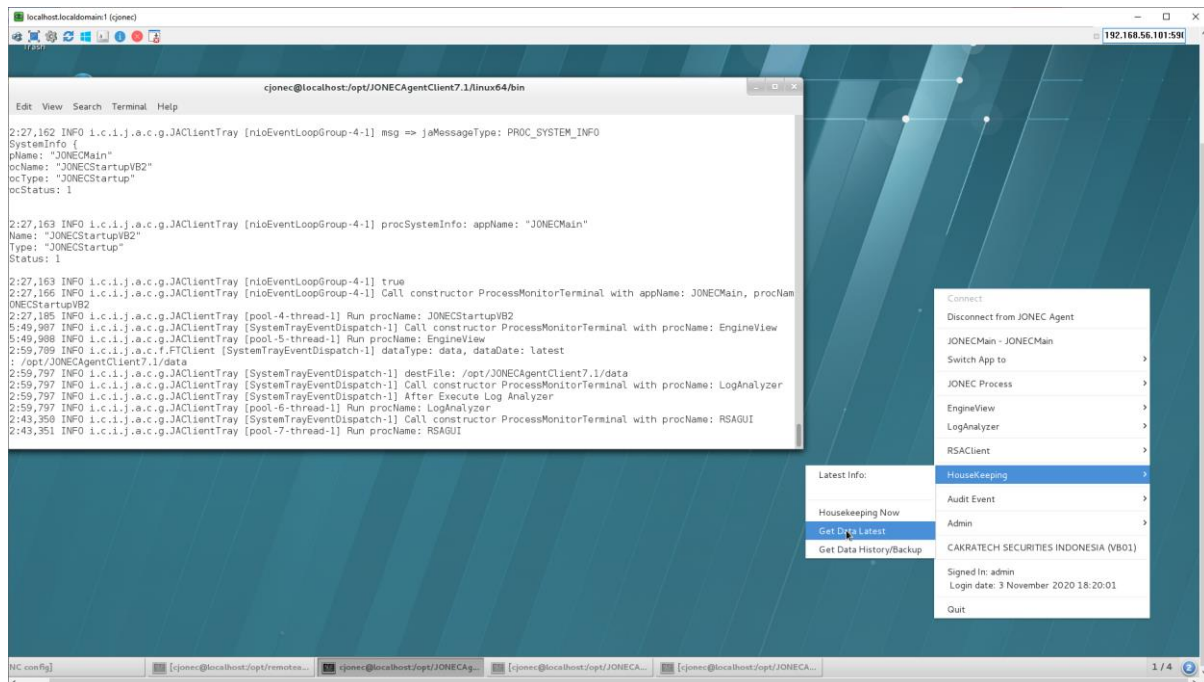
3.2.2.6.2 House Keeping – Now

Fitur untuk melakukan housekeeping.



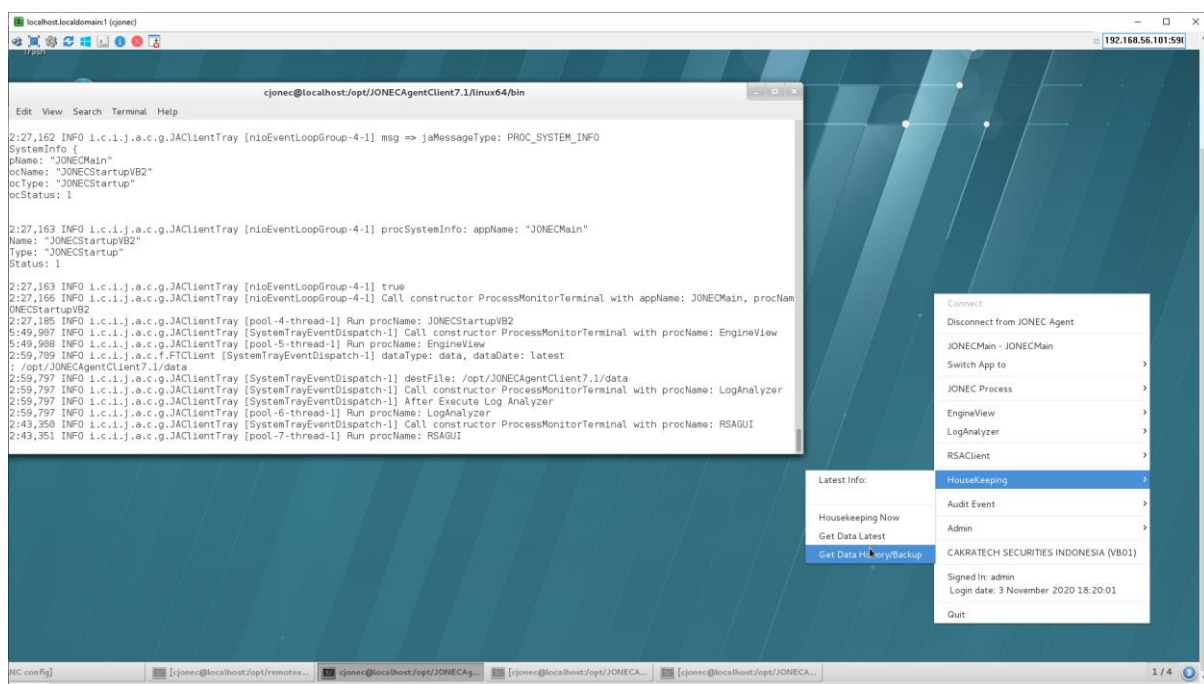
3.2.2.6.3 House Keeping – Get Data Latest

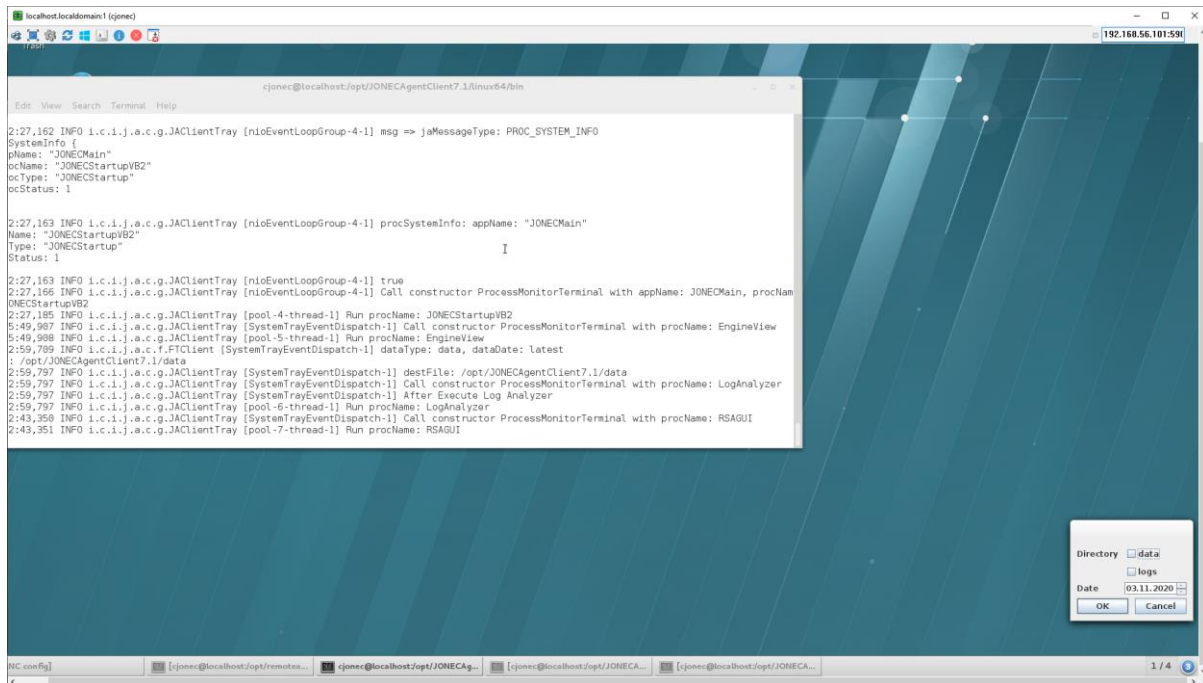
Fitur untuk meng-copy direktori data dan log dari JONEC Agent Server.



3.2.2.6.4 House Keeping – Get Data History/Backup

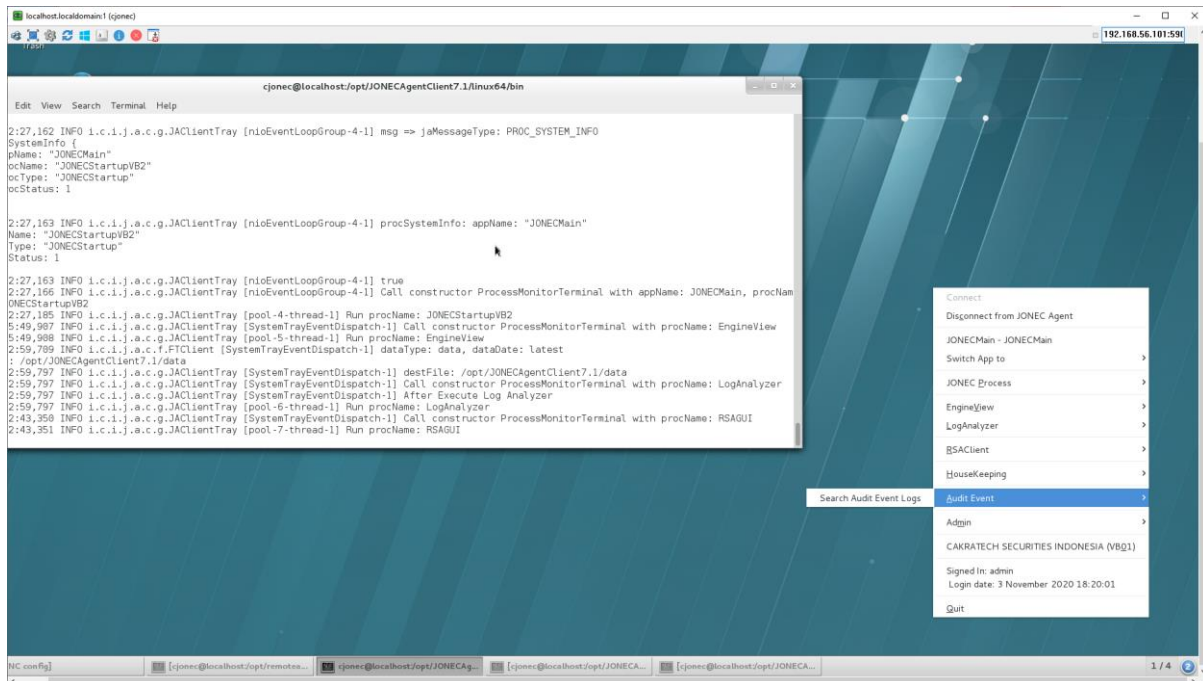
Fitur yang digunakan untuk meng-copy histori direktori data dan log dari JONEC Agent Server berdasarkan pilihan tanggal.



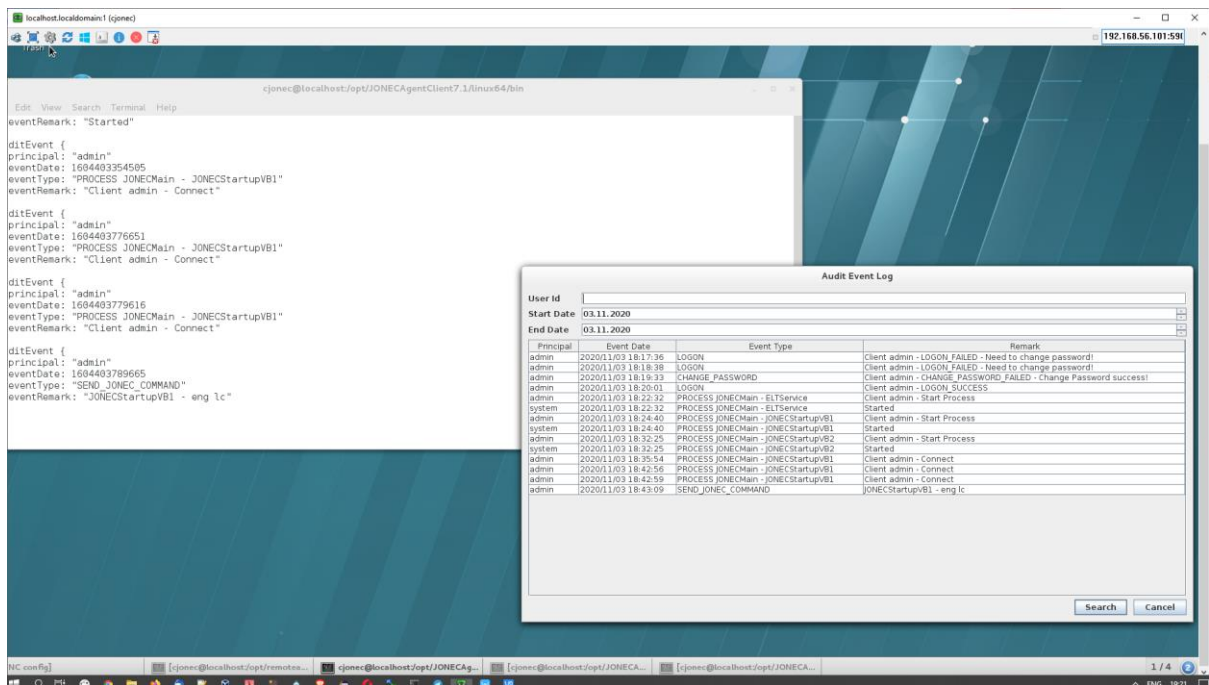


3.2.2.7 Audit Event

Fitur untuk Audit Event, event log monitoring untuk keperluan audit

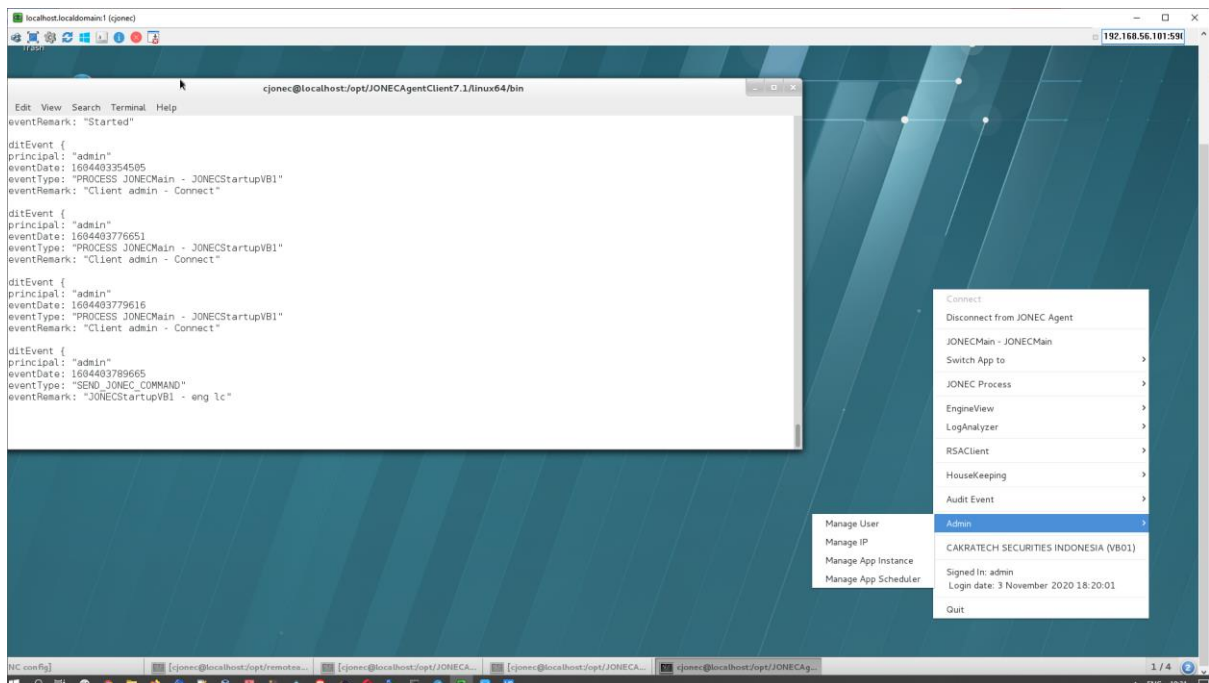


Dari menu Audit Event ini bisa kita query Event Log berdasarkan User Id, Start Date dan End Date.



3.2.2.8 Admin

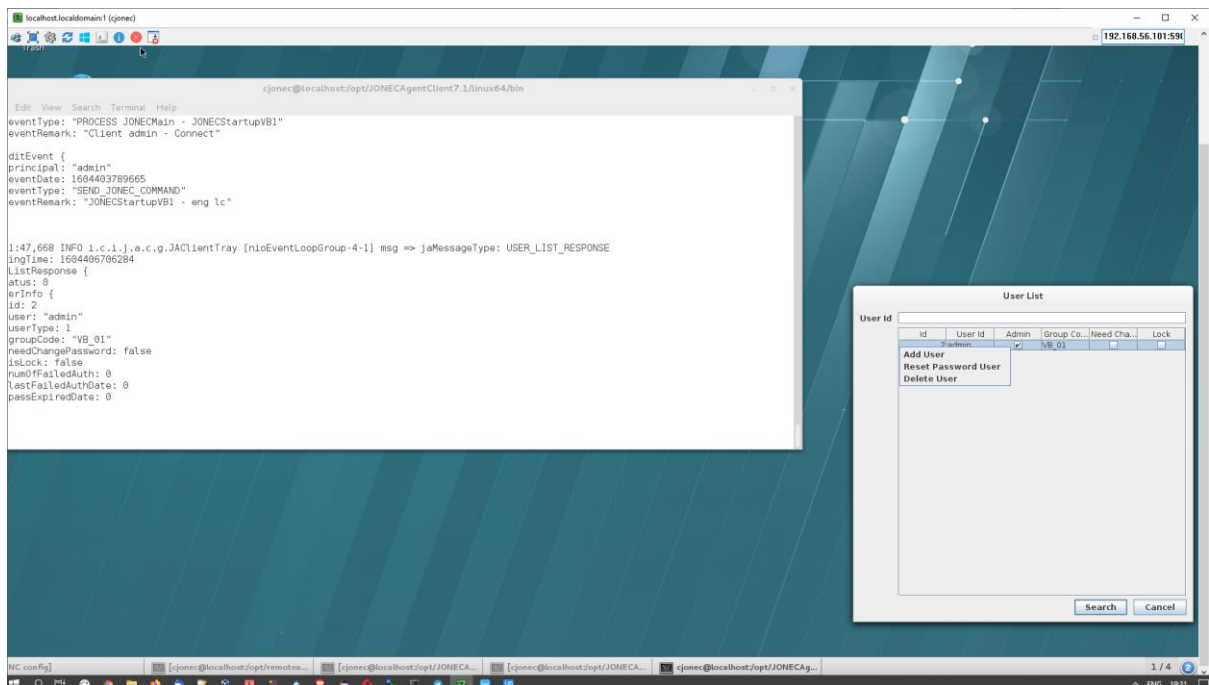
Pada fitur/menu Admin terdapat 4 submenu:



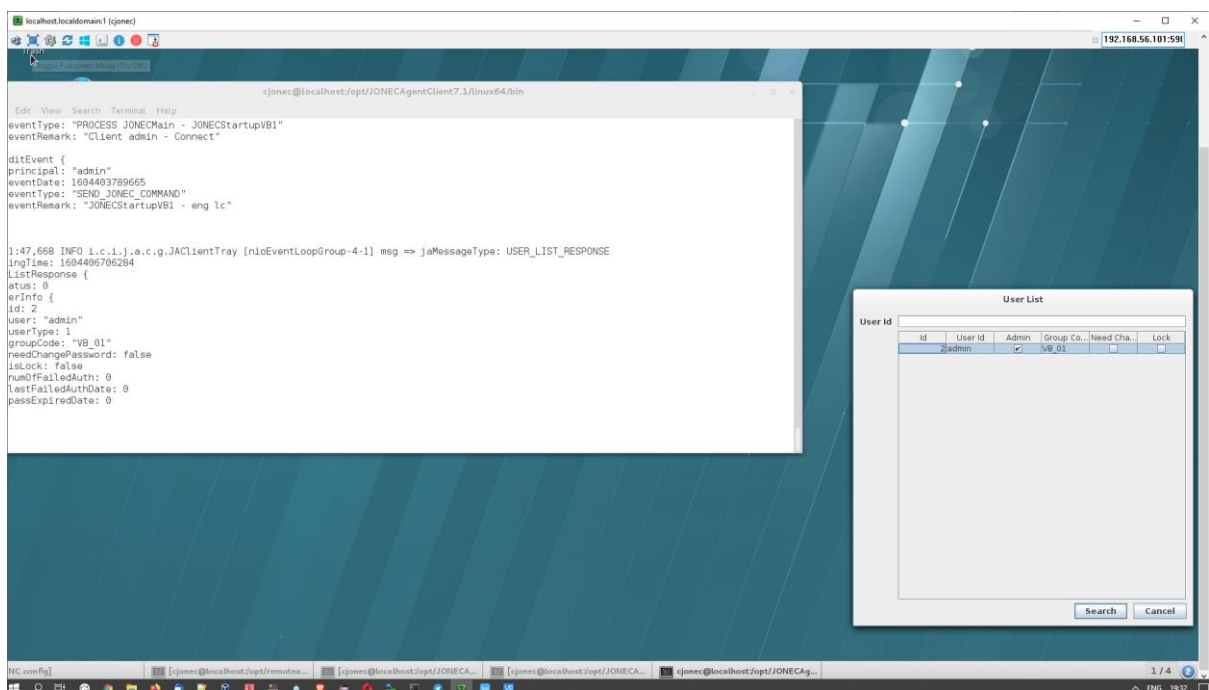
3.2.2.8.1 Admin-Manage User

Fitur untuk keperluan pengelolaan user yang diberikan akses untuk login JONEC Agent Client.

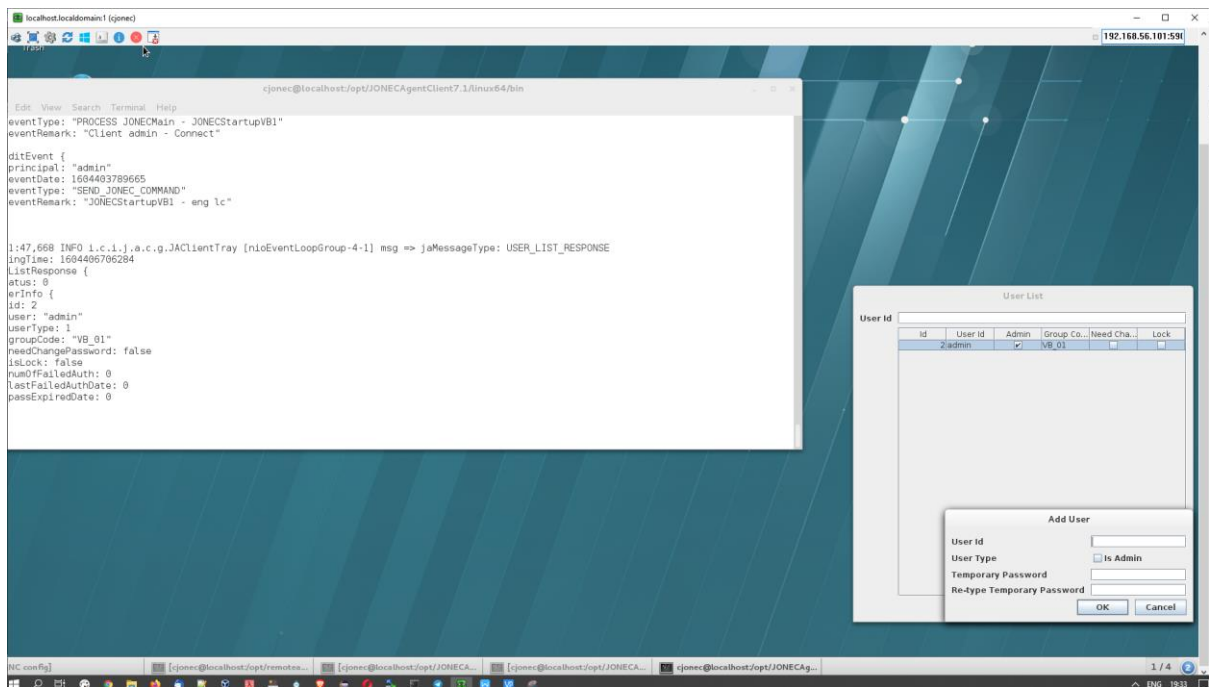
Pengelolaan User antara lain: Add User, Reset Password User dan Delete User.



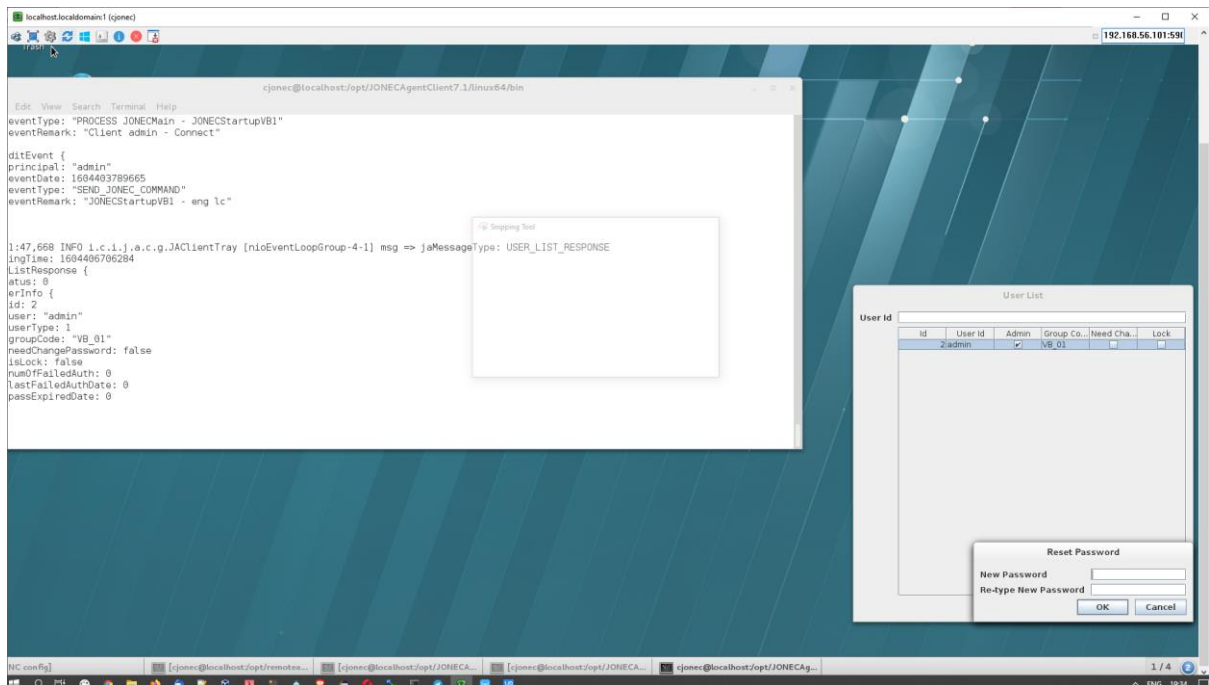
1) User List



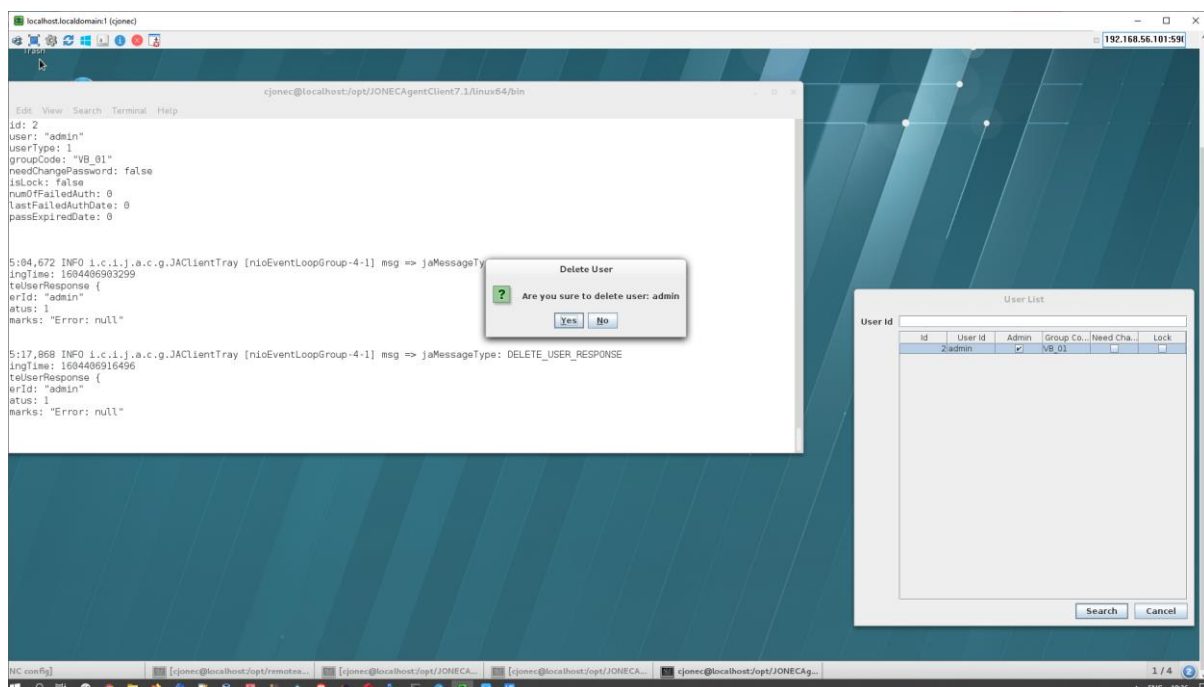
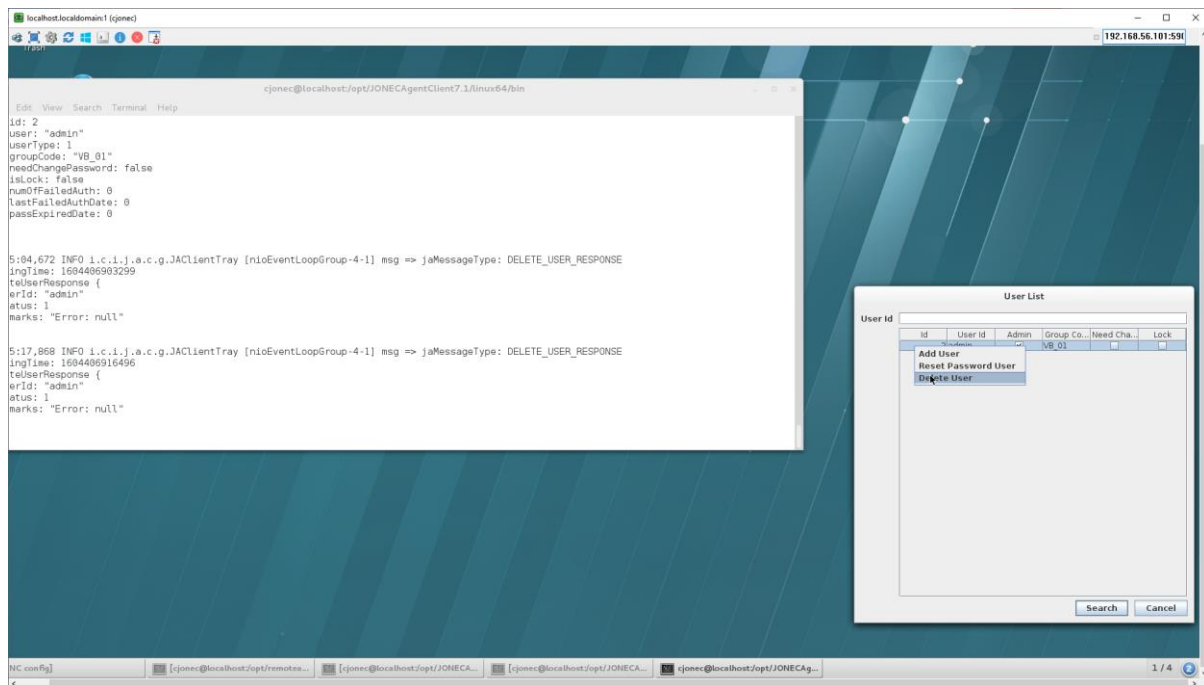
2) Add User



3) Reset Password

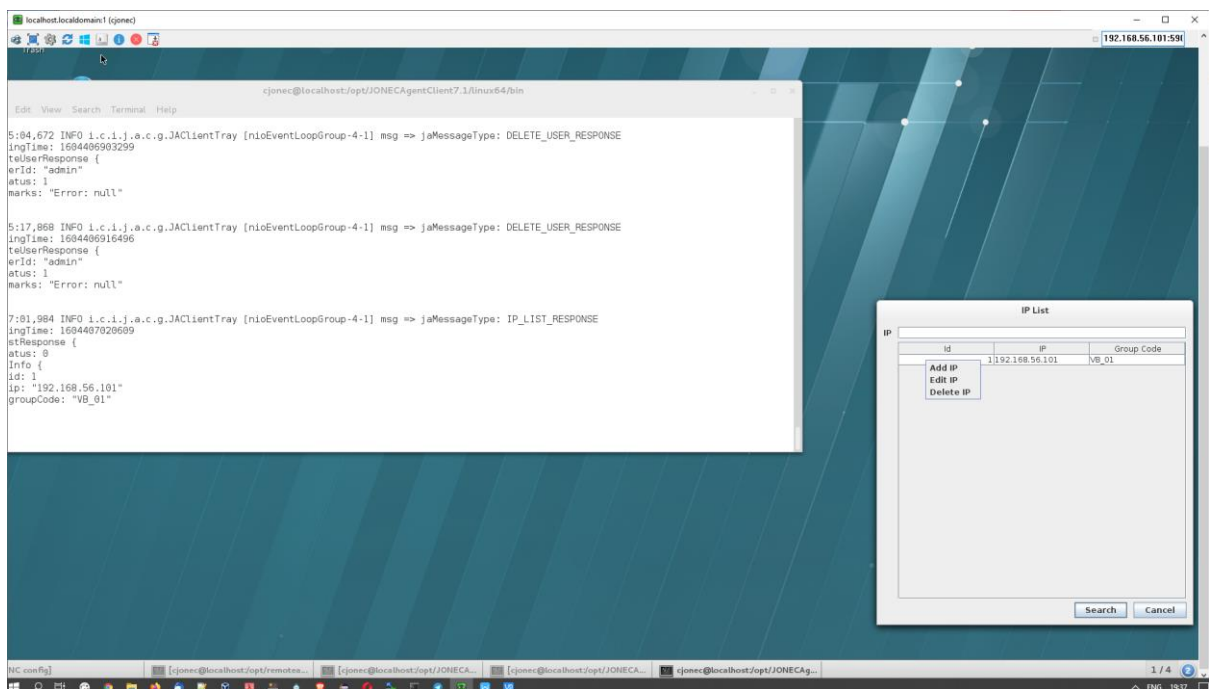
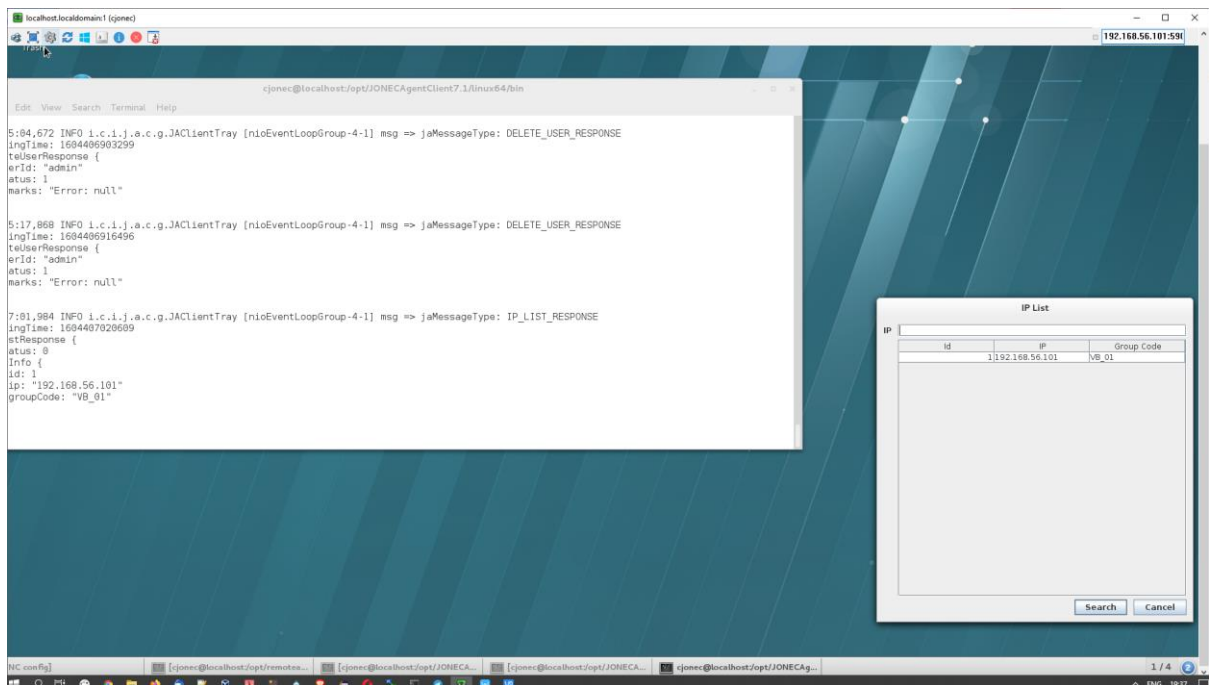


4) Delete User

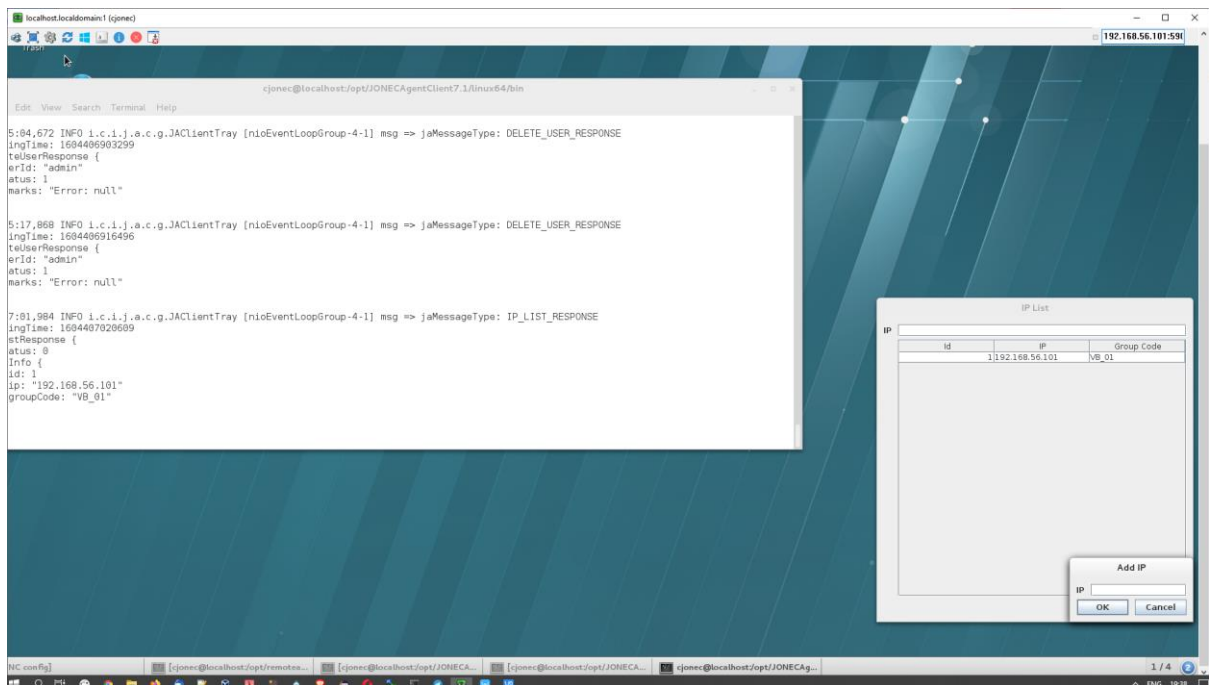


3.2.2.8.2 Admin-Manage IP

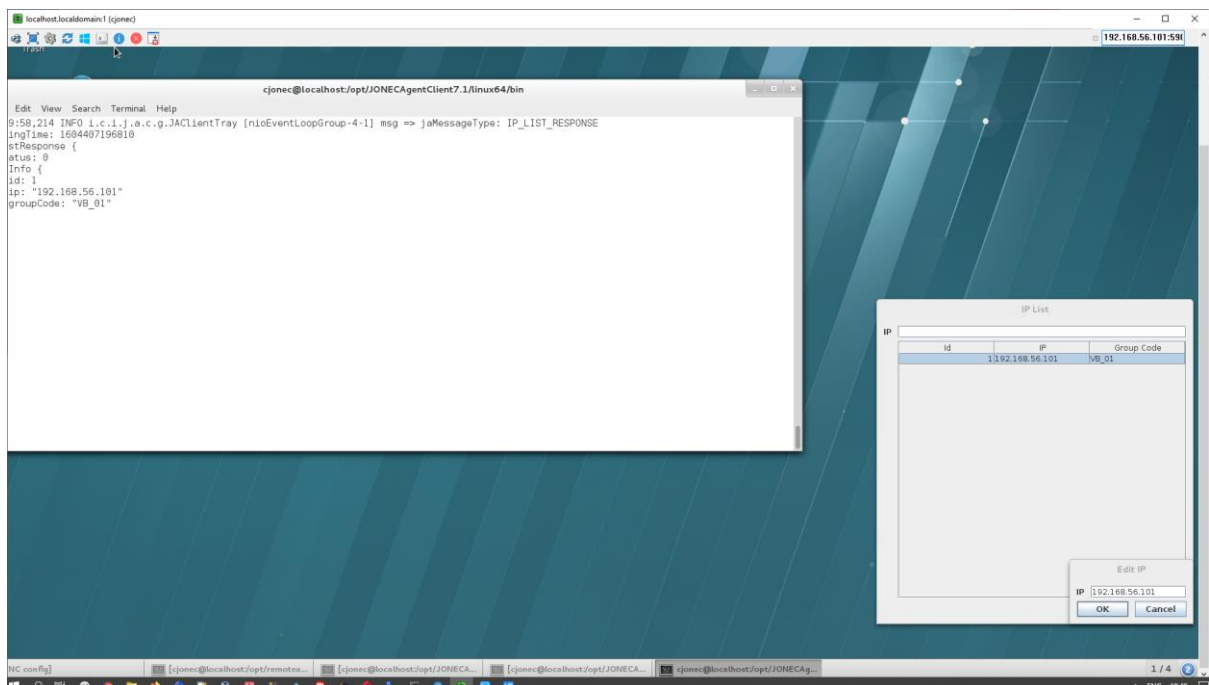
Fitur untuk keperluan manage user yang diperbolehkan untuk login JONECAgentClient7.1.



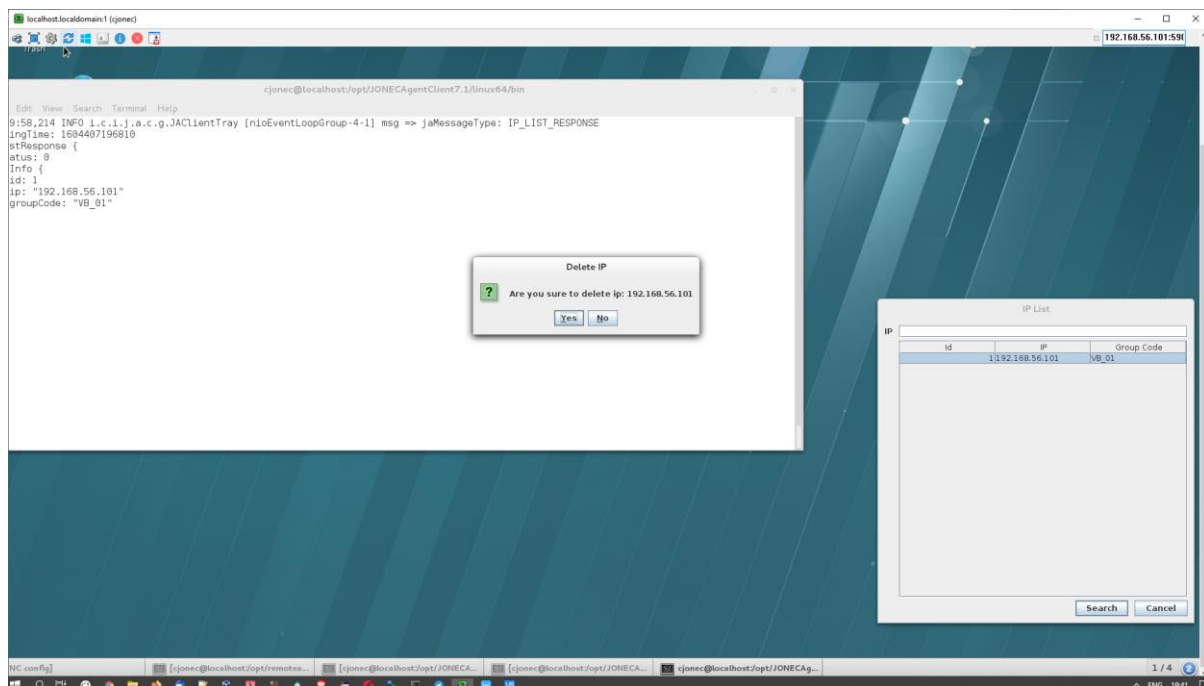
1) Add IP



2) Edit IP



3) Delete IP

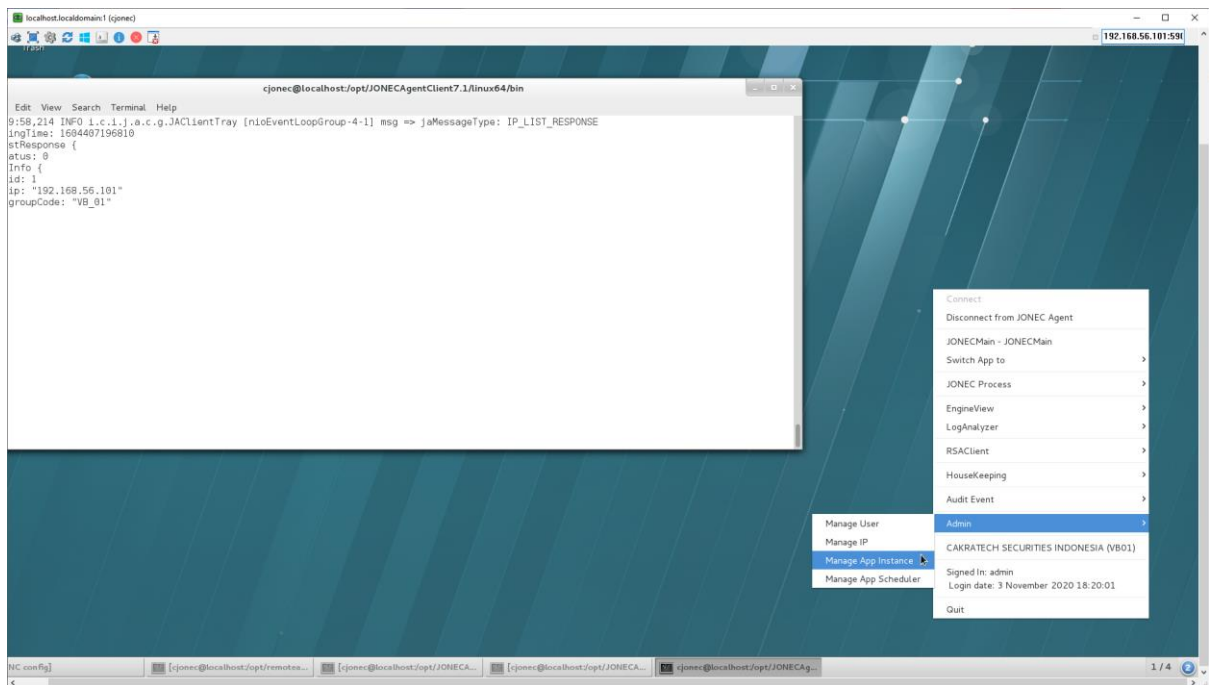


3.2.2.8.3 Admin-Manage APP Instance

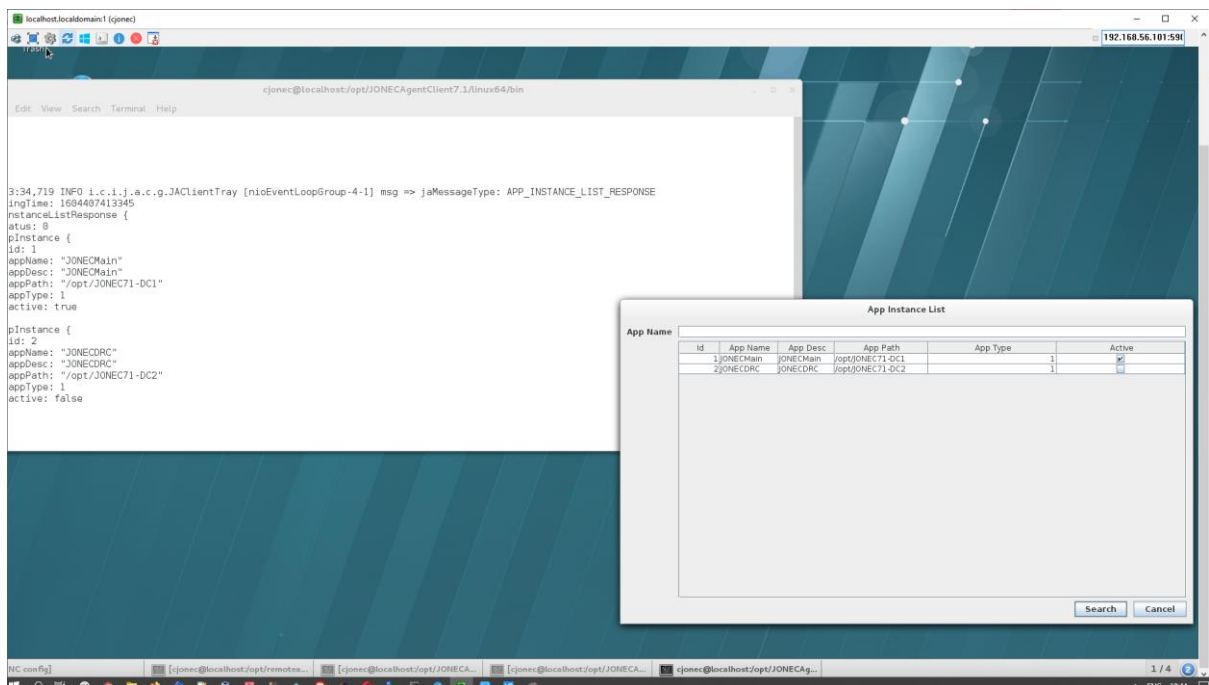
Fitur untuk keperluan Manage App Instance dari JONEC Agent Client.

Pengelolaan Manage App Instance, antara lain: Add App Instance, Edit App Instance, Delete App Instance dan View App Scripts.

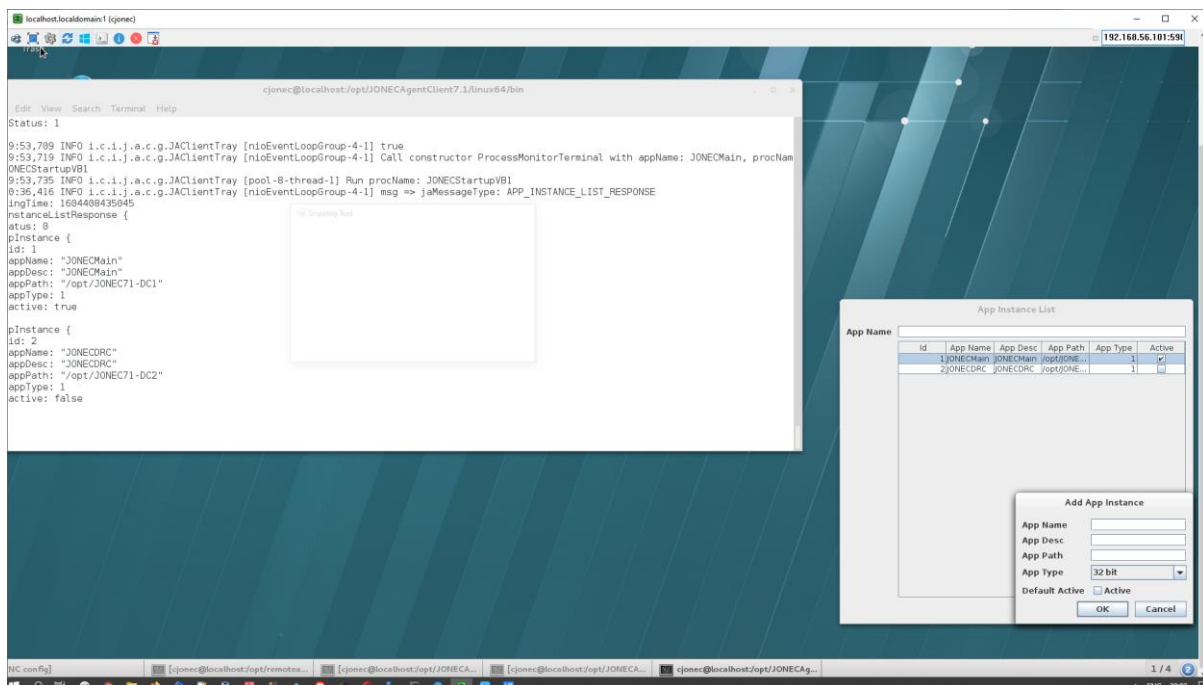
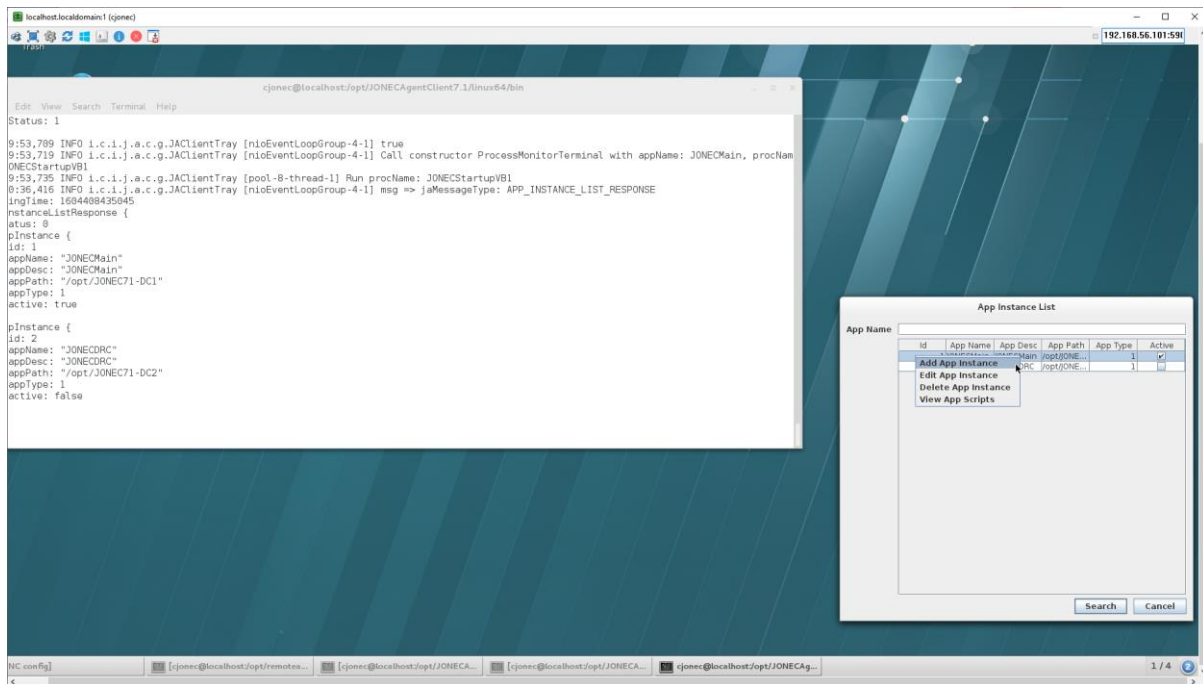
Untuk View App Scripts dapat dilakukan antara lain: Add App Scripts, Edit App Script dan Delete App Script.



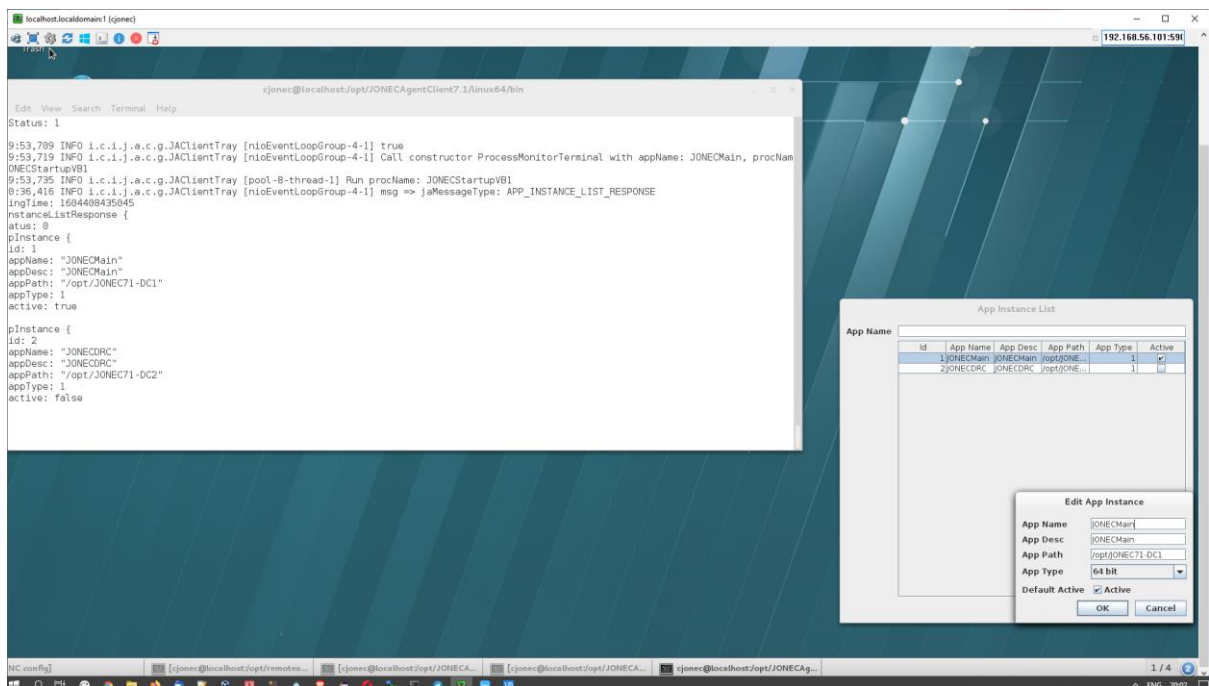
1) App Instance List



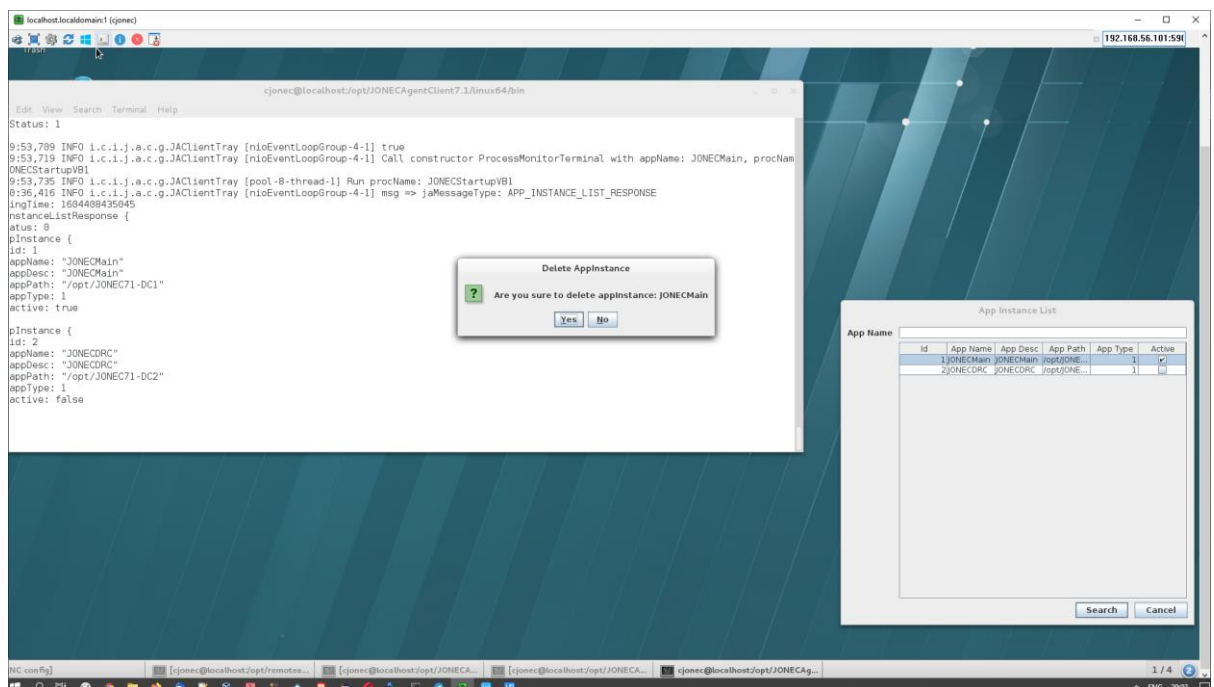
2) Add App Instance



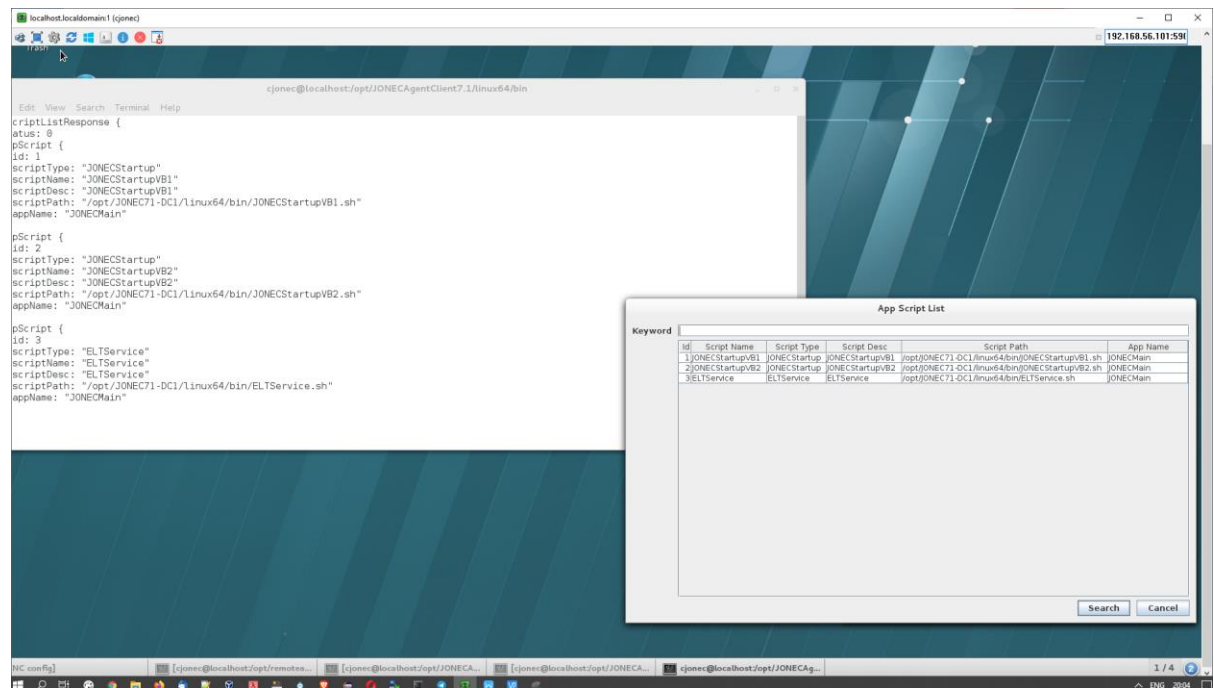
3) Edit App Instance



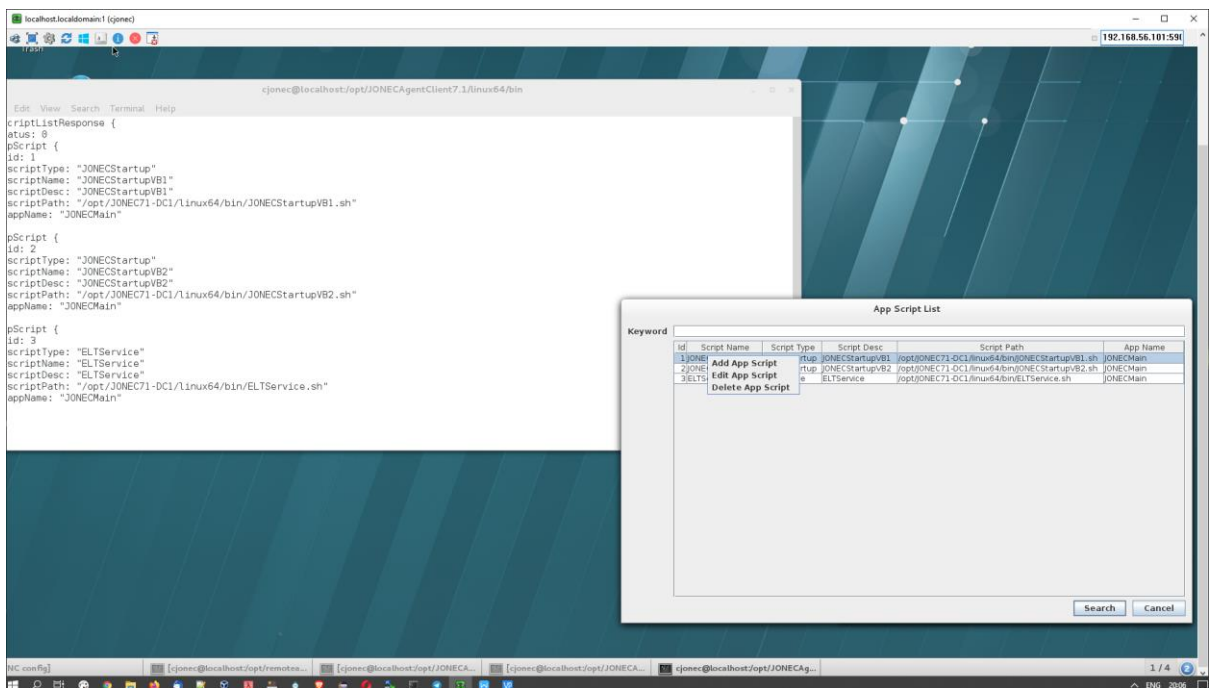
4) Delete App Instance



5) View App Script List

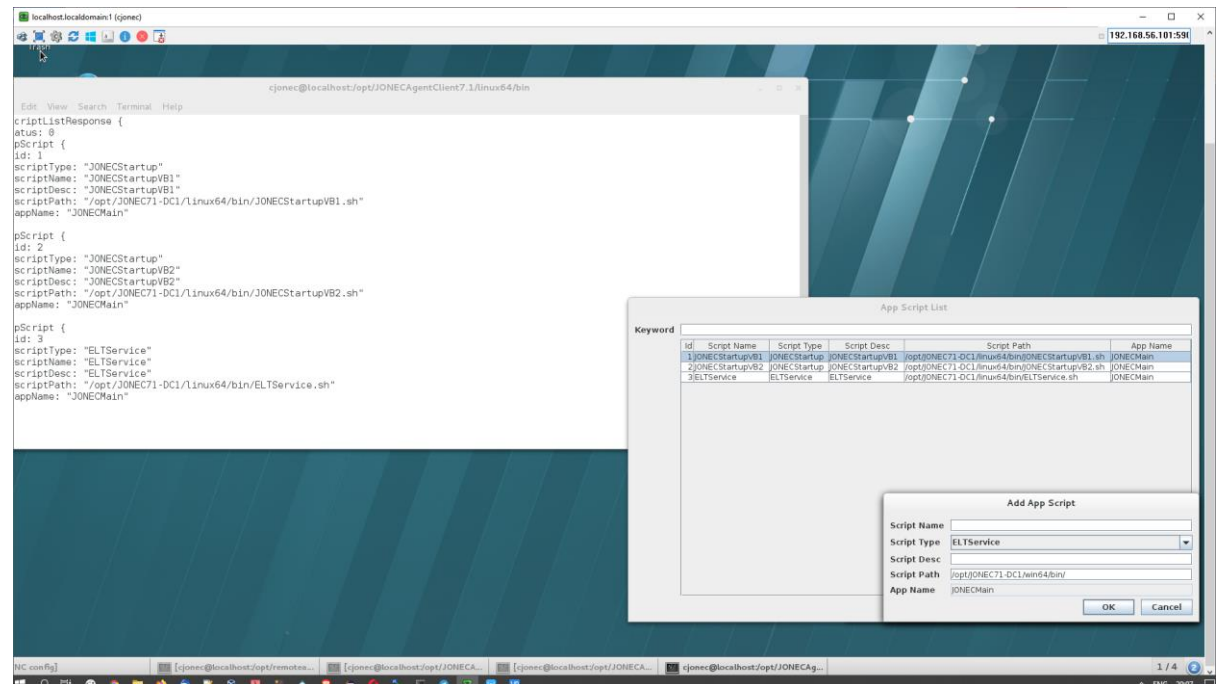


6) Submenu App Script List



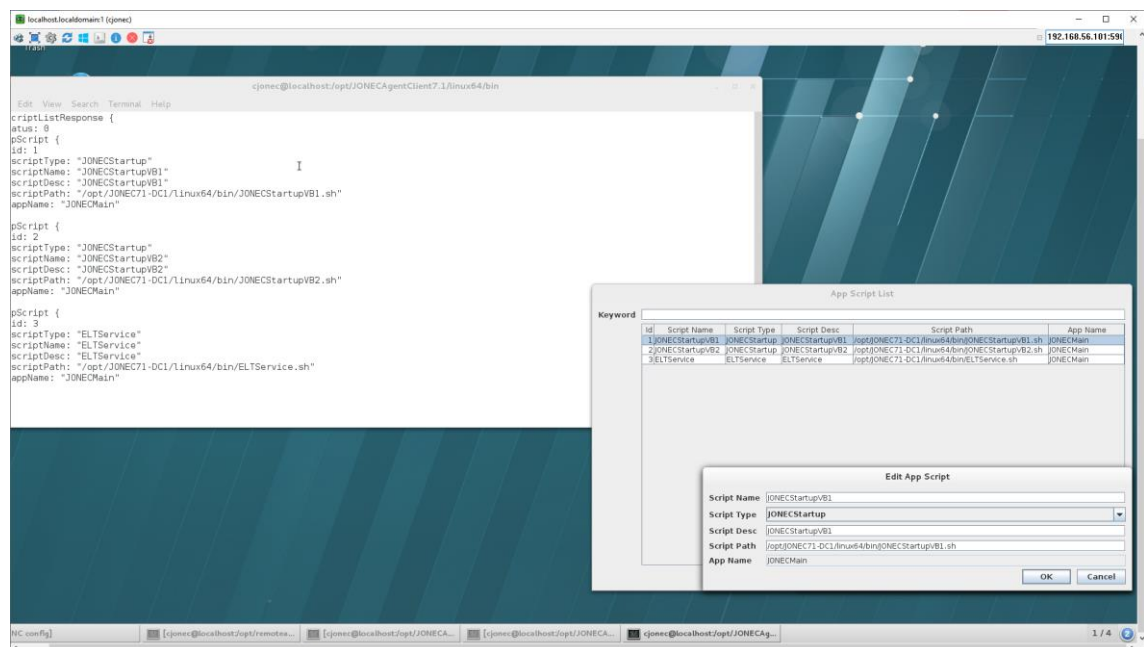
7) Add App Script List

Pada versi Linux, isikan Script Name tanpa menggunakan karakter spasi. Misal : JONECMain.

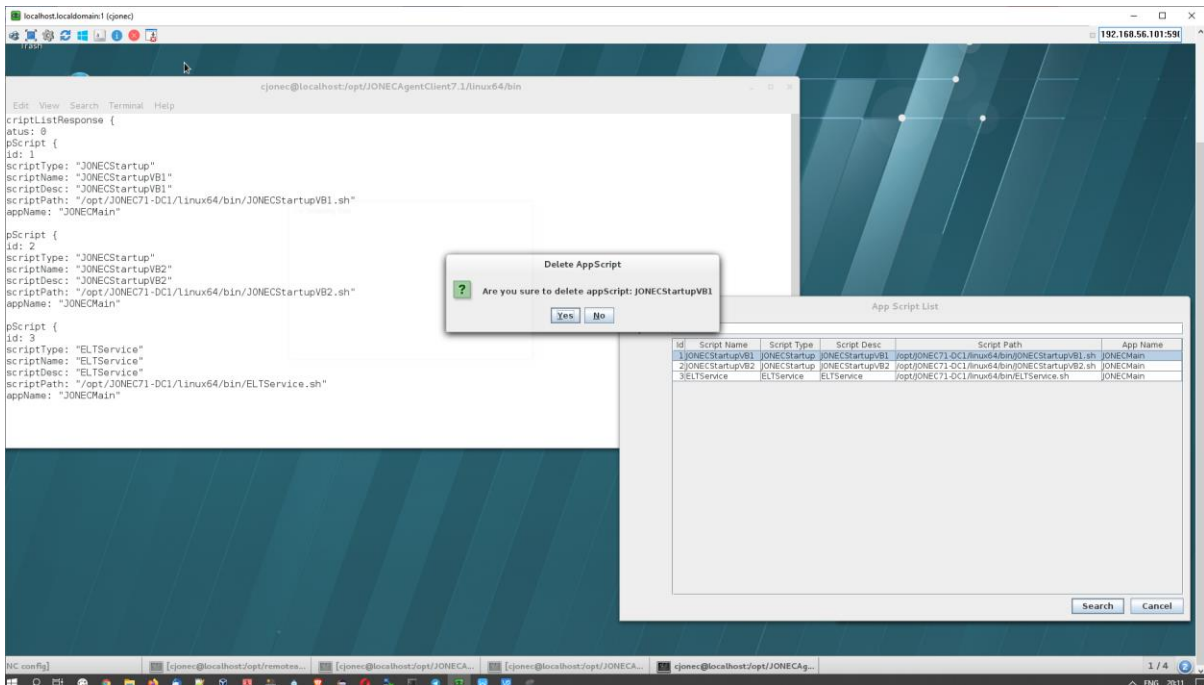


8) Edit App Script

9)

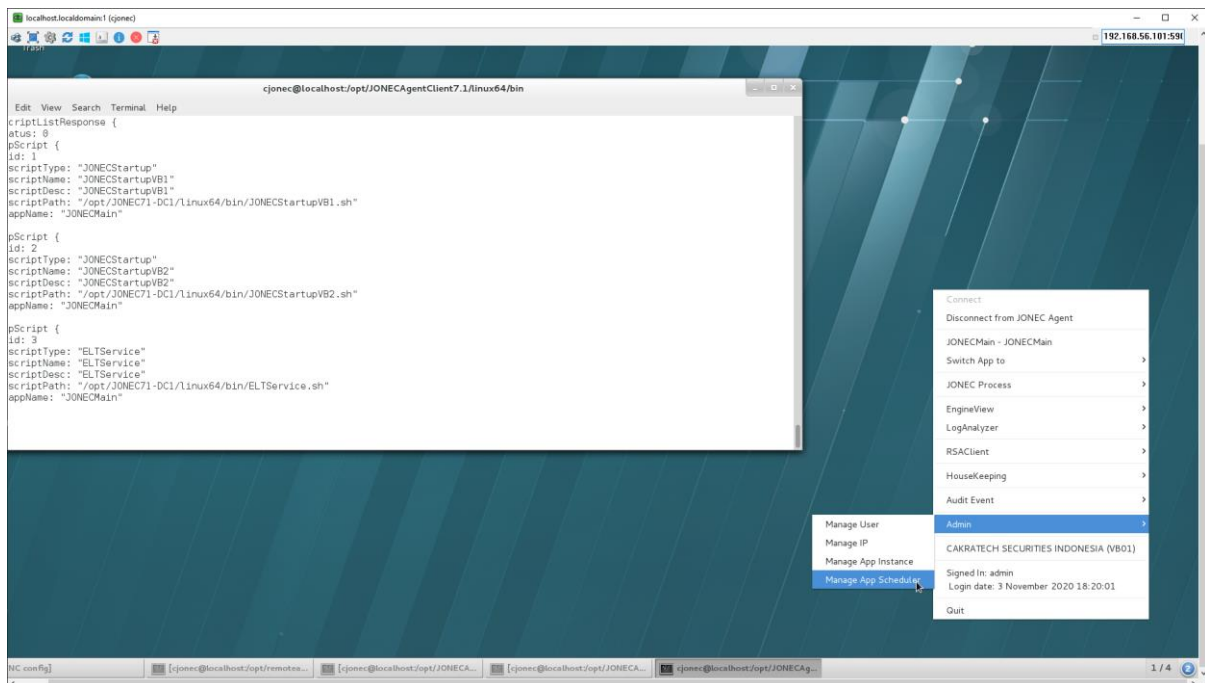


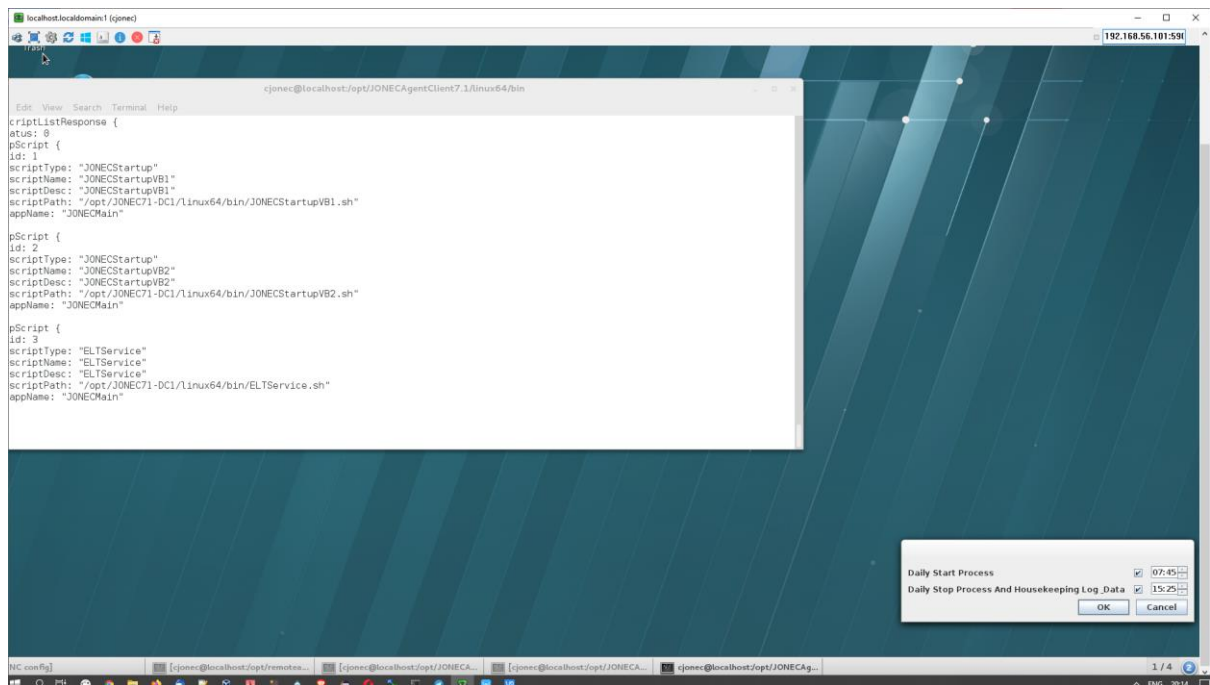
ipt List



3.2.2.8.4 Admin-Manage App Scheduler

Fitur untuk keperluan Manage App Scheduler dari JONEC Agent Client 7.1.





3.2.2.9 Quit

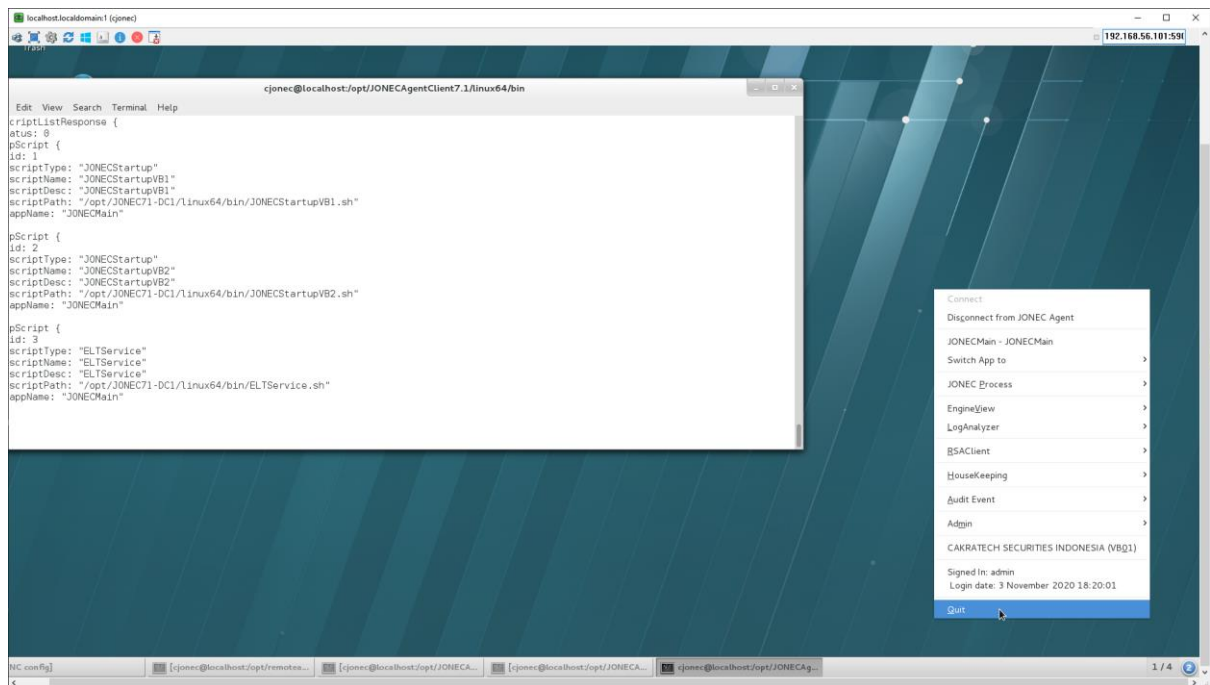
Fitur untuk keluar dari JONEC Agent Client.

Sebelum melakukan Quit dari aplikasi JONEC Agent Client, lakukan stop untuk semua JONEC Process:

- Stop ELT Service dan semua App Instance / JONEC Startup yang sudah aktif sebelumnya.

Dalam contoh di manual ini, lakukan stop berturut-turut:

- JONEC Process - JonecStartupVB1 - Stop JonecStartupVB1 Process
- JONEC Process - JonecStartupVB2 - Stop JonecStartupVB2 Process
- JONEC Process - ELT Service - Stop ELTSERVICE Process



4

Panduan Uninstall Aplikasi

4.1 Uninstall Aplikasi JONECAgentServer7.1

Uninstall JONECAgentServer7.1 bisa dilakukan melalui.

Login sebagai root ke host remote access JONEC dengan aplikasi yang tersedia.

Pada console user root, berturut-turut lakukan :

```
[root@localhost remoteaccessJONECLinux]# cd /opt/remoteaccessJONECLinux
```

```
[root@localhost remoteaccessJONECLinux]# dos2unix ./uninstallJONECAgentServer7.1.sh  
&&chmod +x ./uninstallJONECAgentServer7.1.sh && ./uninstallJONECAgentServer7.1.sh
```

```
[root@localhost remoteaccessJONECLinux]# dos2unix ./uninstallJONECAgentServer7.1.sh &&chmod +x ./uninstallJONECAgentServer7.1.sh && ./uninstallJONECAgentServer7.1.sh  
dos2unix: converting file ./uninstallJONECAgentServer7.1.sh to Unix format ...  
[root@localhost remoteaccessJONECLinux]#
```

4.2 Uninstall Aplikasi JONECAgentClient7.1

Login sebagai root ke host remote access JONEC dengan aplikasi yang tersedia.

Pada console user root, berturut-turut lakukan :

```
[root@localhost remoteaccessJONECLinux]# cd /opt/remoteaccessJONECLinux
```

```
[root@localhost remoteaccessJONECLinux]# dos2unix ./uninstallJONECAgentClient7.1.sh &&  
chmod +x ./uninstallJONECAgentClient7.1.sh && ./uninstallJONECAgentClient7.1.sh
```

```
[root@localhost remoteaccessJONECLinux]# dos2unix ./uninstallJONECAgentClient7.1.sh && chmod +x ./uninstallJONECAgentClient7.1.sh && ./uninstallJONECAgentClient7.1.sh  
dos2unix: converting file ./uninstallJONECAgentClient7.1.sh to Unix format ...  
[root@localhost remoteaccessJONECLinux]#
```