IRT contractor portal

- https://contractoraccess.irt.org.au:7272/

**username** : contractor2.novigi

**Password** : xxw:Ztx9m#YLY'S`

- First we have to log the irt server. But they haven't give us direct access to it. So they have create a **vpn**(we use a vpn to access their environment/ vpn ekk through access deela thiyenawa. then its ssecure. hackers can't attack the system) and we can log it to through that.So this contractor is their(irt) vpn.
- Now after fixing the bug we have to test it whether it is working correctly, under Dev testing(developer testing). For testing we are keeping a separate environment. Related to **irt** we have only 2 environment. they are sandbox and production. For that we are using sand box environment.For both QA and Developers using sand box environment to do testing in irt. When we are considering something like pac there we have some other environment as well such as Dev(the environment where we do our developer testing. Dev is a seperate environment .so we deploy the code in dev and run it there and check whether it is working properly. Because that is a seperate environment),UAT(where QA do there testing. Andalso client also can do their testing here. After getting these people only we are going to the production environment),Production.(In irt we have only sandbox and production)
- This is wrong according to what I fixed Because dataManagerdataService kiyana eka car file ekk athule thiyena ekk. Anika sp widiyata change wechcha ewa enne .sql fille widiyata. mewa enne Here Also we have to build a car file and deploy it. But in this bud we fixed, it is only in a **store procedure (SP).** (Here we

do not need to release a car file. When we update the SP it will be aromatically updated.That means only deployment in sql side is there) (If there is a change(logic change etc.) on sequences templates(watch esb project) we send the car file).

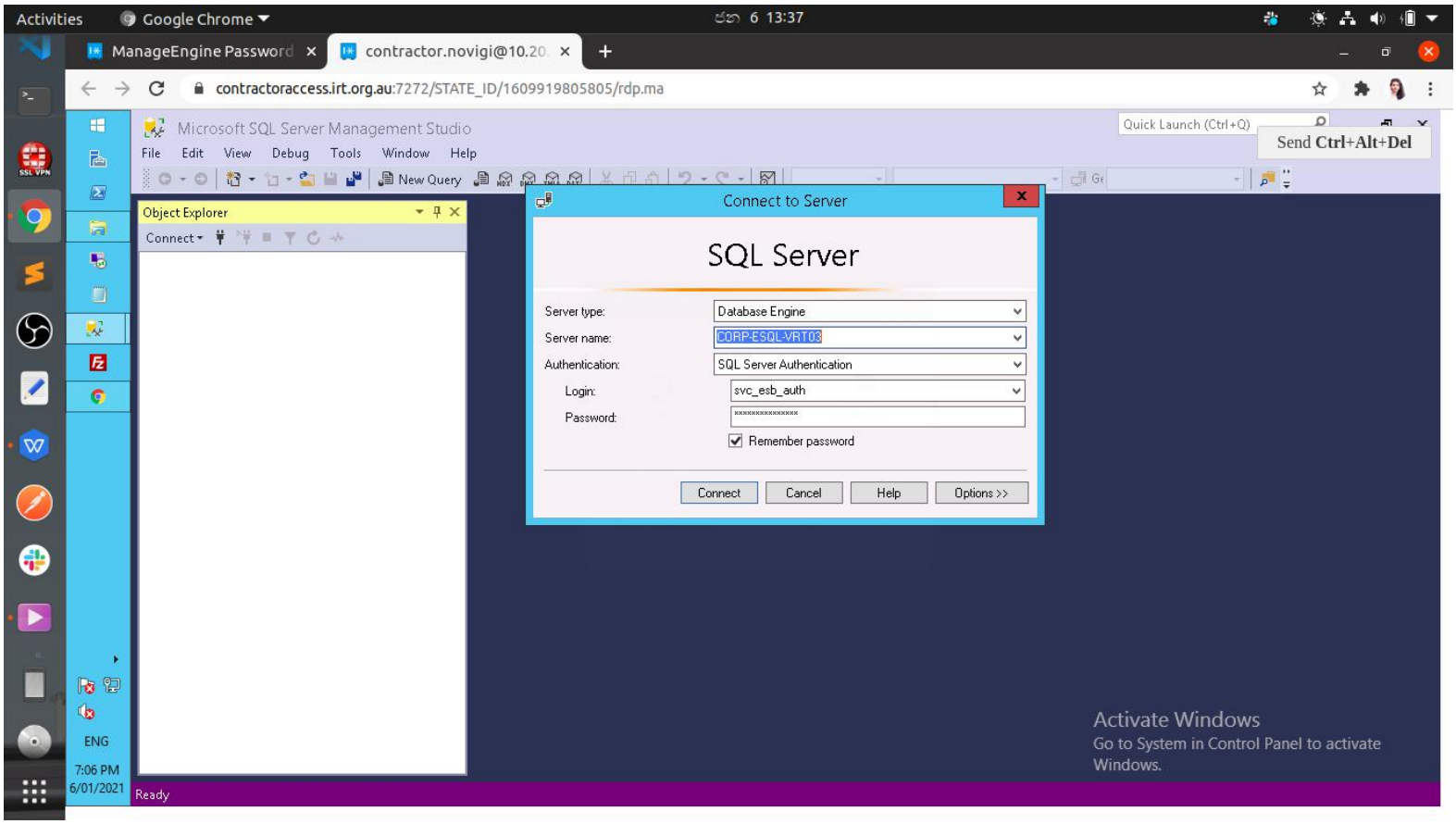
- So now we have to deploy the store procedure that we made changes. First we deploy it in the sand box and test it. Then we inform client and they also do testing if they need.

## How to put a release

1. First log into contractor (using above link and user name and password). Now we have log in to their vpn. There we can see different Kind of servers. We are mostly using is **ESB live Server. It is a linux server. it is the place where we have up our esb in production. Esb sand box server eke thamai sandbox eke thiyena ESB eka up karala thiyenne. Both these servers are linux servers. so we cant access them through UI of the EI**(to deploy a car file or to execute a service ). **So access them through the UI we have**

   SANDBOX Environment Landing Server and
   PRODUCTION Environment Landing Server

2. Now we have to do the deployment using sanbox environment . So go to SANDBOX Environment Landing Server and click request(pasword eka reguest kkarala thiyenne.). Then as the comment put “Login to IRT server”. After loging to that virtual machine go to the mysql server using the given credentials(Those credentials are in confluence )




Server name : CORP-PRDB-VRT01

User Name : novigi

Password : Welcome2#

(I couldn't login BTW. Sachith logged me / wrong credentials)

Here we are trying to log in to database. MS SQL server is a SQL server client like **SQL workbench**. Through this client we accessing the database.

Go to SP in MS SQL server

Select the Database => Programmability => Store Procedures

**Checkout** - Athule thiyena de gannawa

**Check In** - Apahau gaththa de denawa

EI - (carbon console)

.CAR - artifact est ekk ekathu wela hadichcha zip file ekk

Now you have edited a data service

Quick Steps

Sudo apt install mvn

mvn

mvn clean install

Esb ekai registryai car ekai me thunama build karanawa.

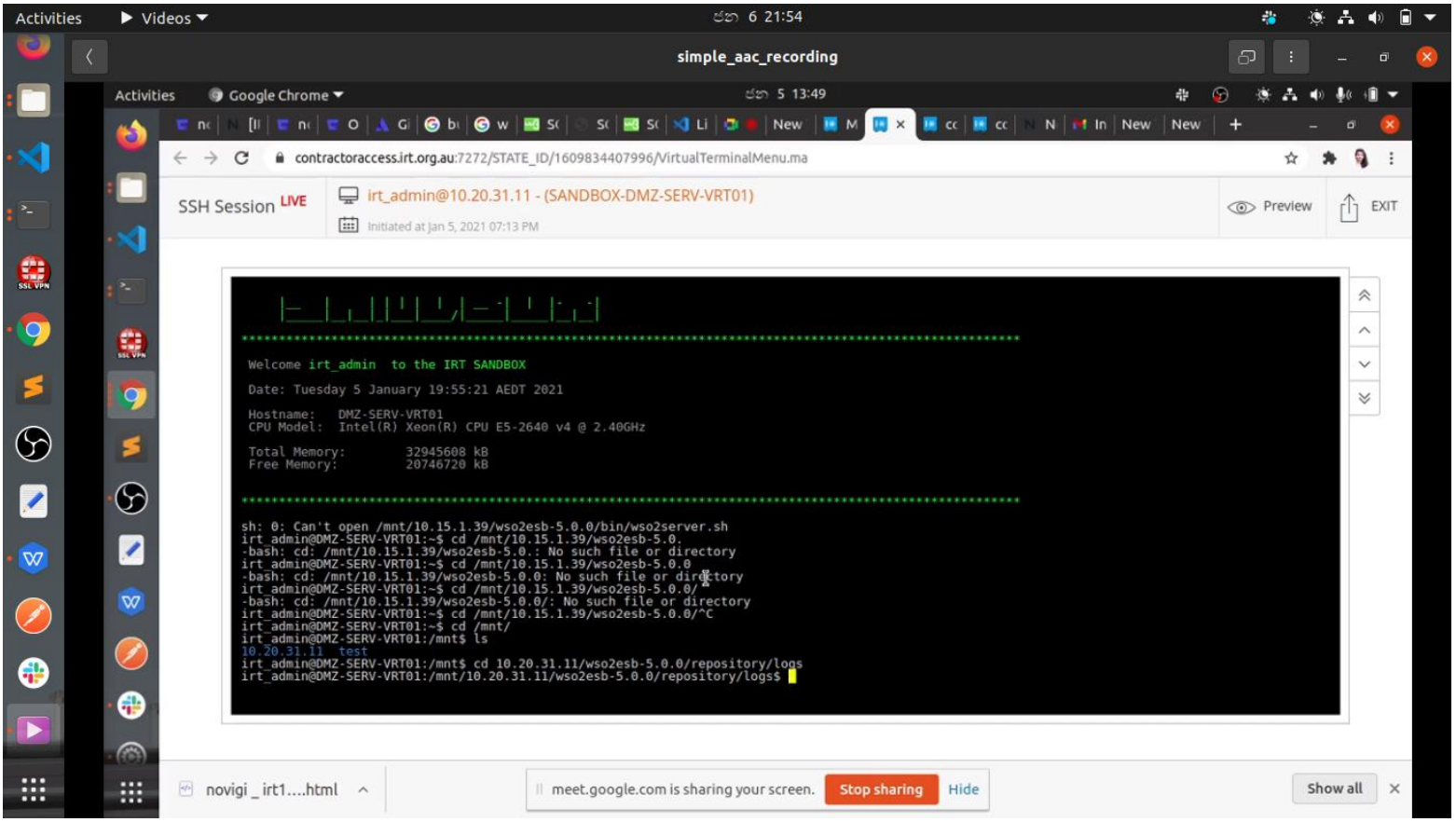
- Mulinma change eka karala e change eka e branch ekata push kara
- Now we have to create the car file
- To create the car file ekata adala folderveka athulata gihilla e pom eka kiyana thana mvn clean install ekk ghuwa
- ethakota car file eka ethanama target foldere hadenawa
- target folder eke car file eka api google drive ekata upload karala api public link ekk hadagannawa.
- eta passe api irt production landing server ekata log wenawa
- that means contactor portal
- eken production environmant landing server ekata giya
- eke thiyena contractor novigi 2 kiyana ekata log una
- gaththu url eka coppy karala othana paste karanawa
- then download that

- production ekata sand box eke folder ekk mount karala thiyenawa. ethakota production eke e folder ekata file eka coppy karata passe apita eka and box balanna puluwan. (extra: EI eke UI ekata acccess nathi nisa thamai api landing server yanne linux server noya)
- dn car file eka production landing server ekata aragena iwarai
- production landing server eke idala ara sand box eke mount ekata coppy past karanawa
- Then we are going to sand box server
- deployment ekedi udama thiyena login eken thamai yanne(coz eke witharai api me sand box ekata coppy karapu folder eka thiyenne)
- carbon application wala list walata gihilla thiyena file eka makanawa
- esb eken e file ela add karanawa
- sand box eke remot e server ekata gihin esb eka thiyena path ekata gihilla
- esb logs thiyenne mnt/repository/logs
- to tail the log => tail -f LogName
- eka tail karagena thamai ara patte deployment eka karanne
-

Log wadina kalla

- For this we need to open esb eka up karala thiyena linux server eka open karagnna oni
- go to contractor portal and open esb sandbox server(Linux server)
- ssh (secure shell/wena conputer ekaka cmd eka thamange wage open karan thaman comand gahanawa wage gahagena ynna puluwan.)
- Ethanin api ssh session ekk open karaganne. Ethakota test walin communicate karanne. only terminal no graphical gui(tool bar wada and mouse eka wada) as gedit.

- api mekata connect wela karanne sandbox landing server eke wadina logs balana eka (ai arakema balanna barida?)Logs balanna oni nm me server eke thamai awilla balanna oni
- . inna folder eka(no much use here. But this is usefull whe we are coooing some thing some where to this folder(give the file path from and to ./))
- .. kalin folder eka (cd .. folderayata)(cd ../ folder eka athulata)
- Wso2 ei eka install karapu thanata gihin logs thiyena folder eka athulata yanna. pahala widiyata(Wso2 esb eke los thiyena path eka)




- eta passe tail -f file name command eka gahanawa (Meken karanne onama file ekaka yata tika balana eka . If it is a log file update wena tika thiyena aluth log wadichcha yata tika balagnna puluwan)

tail -f wso2carbon.log