

2022/10/12 INTT 日本語ミーティング

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INTT日本語ミーティング

Wednesday 12 Oct 2022, 09:00 → 11:35 Asia/Tokyo

Description | *Meeting URL

Zoomミーティングに参加する
<https://zoom.us/j/93991701519>

ミーティングID: 939 9170 1519
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- +1 929 205 6099 米国 (New York)
- +1 253 215 8782 米国 (Tacoma)
- +1 301 715 8592 米国 (Washington DC)
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- +81 524 564 439 日本

ミーティングID: 939 9170 1519
市内番号を検索: <https://zoom.us/u/adlmUqtJ8b>

09:00 → 09:15 コミュニケーション等
Speaker: radlab phenix (riken) 15m

09:15 → 09:35 奈良女テストベンチにおける冷却チューブの取り外し,電源コネクタ破損
Speaker: Yuka Sugiyama 20m

これからの出来事

- 2022/10/13 21:00:00 INTT meeting
 - 2022/10/14 集合写真@BNL
 - 2022/10/18 9:00:00 sPHENIX tracking meeting
 - 2022/10/18 13:00:00 sPHENIX simulation and software meeting
 - 2022/10/18 20:00:00 INTT Japanese meeting
 - 2022/10/20 21:00:00 INTT meeting
 - 2022/10/23 11:00:00 理研設立記念日
 - 2022/10/25 9:00:00 sPHENIX tracking meeting
 - 2022/10/25 13:00:00 sPHENIX simulation and software meeting
 - 2022/10/25 20:00:00 INTT Japanese meeting
 - 2022/10/27 21:00:00 INTT meeting
 - 2022/11/06 NY サマータイム終了
-
- 2022/10/3 - 10/15 秋葉@BNL
 - 2022/10/3 - 10/21 中川@BNL
 - 2022/10/3 - 10/27? Cheng-Wei@BNL

ミーティング日程: 毎週水曜日 09:00- ←これで大丈夫ですか？

外から BNL ネットワークにアクセスする方法

Martin の資料が役に立ちます :

http://www.phenix.bnl.gov/~purschke/ssh_tutorial.pdf

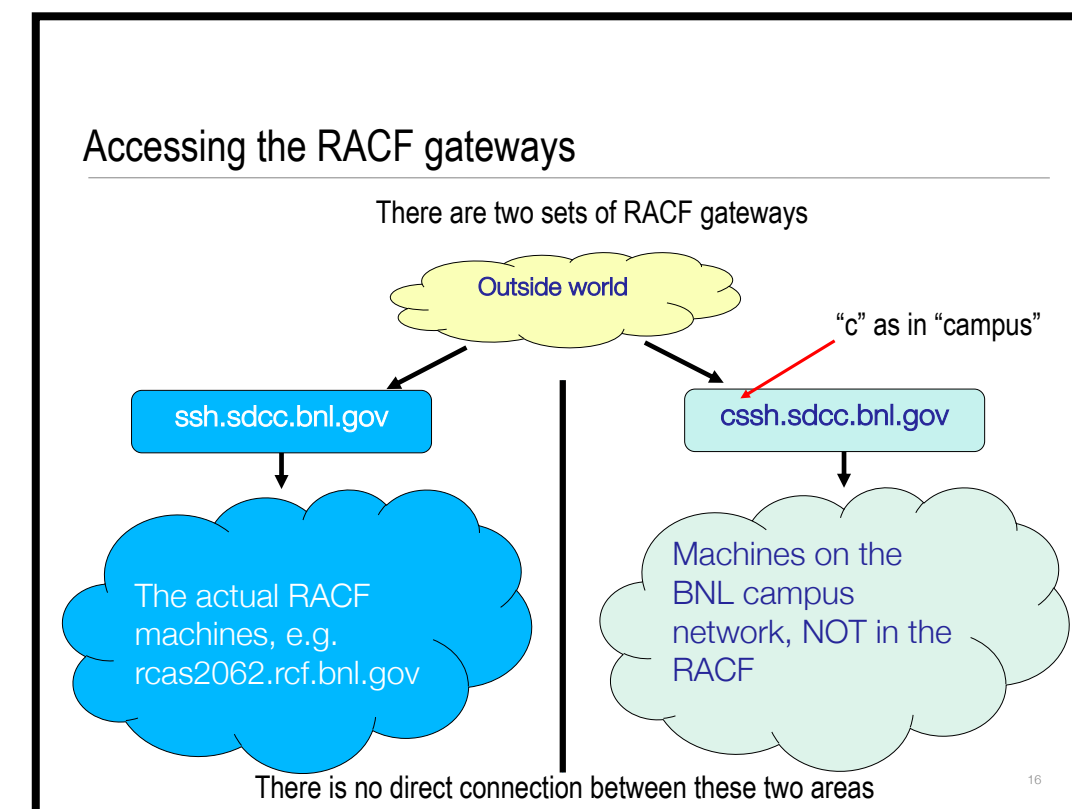
例) 自分の PC から BNL シリコンラボの 2nd Felix サーバーに SSH する

例) 自分の PC から BNL シリコンラボの inttpower (KEP サーバーも可?) に SSH する

How to access BNL networks from the outside world

"All the stuff you always wanted to know, but never dared to ask"

Martin Purschke, BNL



Now add this...

We are now adding a rule that allows us to hop directly to rcas2062 (or any other rcas20XX) in one fell swoop:

```
ForwardAgent yes
ForwardX11 yes
ForwardX11Trusted yes
NoHostAuthenticationForLocalhost yes

Host ssh*.sdcc.bnl.gov cssh*.sdcc.bnl.gov rftpexp.rhic.bnl.gov
  User purschke
  ProxyCommand none

Host rcas20*
  HostName %h.rcf.bnl.gov
  ProxyJump purschke@ssh.sdcc.bnl.gov:22
```

(change the user name to yours)

This instructs your ssh client to first log in to the gateway, and then hop on to the destination, like we did manually on slide 22. It also expands the hostname, so now you can omit the repetitive ".rcf.bnl.gov" – what did I say about your time being too valuable for that?

Now copy your public key to rcas

Now that that .ssh directory is made (or existed already), copy your laptop's public key to a file .ssh/authorized_keys on rcas.

That upload procedure shown before only takes care of the gateways, not the interactive RACF machines.

Don't mis-type that name, it has to be called that. Here is the easiest way, go through the dedicated machine for moving files in and out of the RACF. On your laptop:

```
scp .ssh/id_rsa.pub purschke@rftpexp.rhic.bnl.gov:~/.ssh/authorized_keys
```

And, for the last time, you will be prompted for your password to transfer the file.

Back on rcas2062 (I had to fake the output a bit as I was already set up), set the permissions to 600, and we are done here.

```
[purschke@rcas2062 ~]$ ls -l .ssh/authorized_keys
-rw-r--r-- 1 purschke rphenix 892 Apr 13 2015 .ssh/authorized_keys
[purschke@rcas2062 ~]$ chmod 600 .ssh/authorized_keys
[purschke@rcas2062 ~]$ ls -l .ssh/authorized_keys
-rw----- 1 purschke rphenix 892 Apr 13 2015 .ssh/authorized_keys
```