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SSH jumphost

To set up a permanent jumphost for all SSH sessions from NetYCE the following is required.

1. Generate SSH keys on the netyce server `ssh-keygen -b 2048`

2. Copy the contents of `./ssh/id_rsa.pub` to the jumphost `~/.ssh/authorized_keys` file.
Make sure it is all on one line. (you could use: `ssh-copy-id -i ~/.ssh/id_rsa.pub <jumpuser>@<jumphost>`)

3. Verify you can login to the jumphost without a password `ssh <jumpuser>@<jumphost>`

4. modify the `/opt/yce/etc/ssh_config` to include the desired pieces:
1. Host jumphost
 Hostname 192.168.182.136
 User your_user
 IdentityFile ~/.ssh/id_rsa

Host 192.168.182.191 192.168.182.192
 # you could also do: 192.168.182.*
 ProxyCommand ssh jumphost -W %h:%p -F /opt/yce/etc/ssh_config

2. do not modify other aspects

5. Verify you can connect to a node. `ssh <user>@<node> -v -F /opt/yce/etc/ssh_config`

1. you should see this line in the debug output: `debug1: Executing proxy command: exec ssh -q -i ~/.ssh/id_rsa <jumpuser>@<jumphost> -W <node_ip>:22`
- From this point on all SSH session will use the jumphost.
- More details on [ssh_config](#). Please note the version of ssh, this may have limitations.
- ## Drawbacks
- ### NCCM
- Without having direct return traffic from the node to NetYCE cripples the NCCM functionality.
- You'll have to disable the pre and post backups for the command_jobs as well.
- Set all disabled values to 1.
- Design

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Operate

Admin

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not Back to tables

State_actions

id	Vendor_type	Command	State	Action	Disabled
				backup	*
1071	Avaya_ERS	os_activate	preconfig	backup	0
1095	Avaya_ERS	cmd_exec	preconfig	backup	0
1129	Avaya_ERS	config_startup	postconfig	backup	0
1133	Avaya_ERS	config_startup	preconfig	backup	0
1139	Avaya_ERS	cmd_exec	postconfig	backup	0
1157	Avaya_VSP	config_startup	preconfig	backup	0
1171	Avaya_VSP	os_activate	preconfig	backup	0
- Technical documentation - <https://labs-wiki.netyce.com/>

OS upgrades

Since the NetYCE server isn't reachable from the node, the OS can't be retrieved for OS upgrades.

From:
<https://labs-wiki.netyce.com/> - **Technical documentation**

Permanent link:
https://labs-wiki.netyce.com/doku.php/maintenance:general:ssh_jumphost

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