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.

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	

OS upgrades

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

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

Permanent link:
https://wiki.netyce.com/doku.php?id=maintenance:general:ssh_jumphost

Last update: **2024/07/03 12:31**