

**From:** Allahbakesh,R,Rizwankhan,QDH C  
**Sent:** 11/09/2022 15:31 +00:00  
**To:** Singh,R,Ritesh,TLO4 C  
**Subject:** FW: MTENV- 707- Plan for Automation - Linux to Windows connectivity

FYI

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**From:** Allahbakesh,R,Rizwankhan,QDH C  
**Sent:** 19 March 2022 15:09  
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**Subject:** MTENV- 707- Plan for Automation - Linux to Windows connectivity

Hi Ram,

As discussed. Connectivity from Linux to Windows has been sorted out now.

Please document the below steps and update JIRA/WIKI accordingly. Thanks

**On Linux:**

Update the inventory file with the below

```
[win]
10.45.52.229
10.45.52.231
10.45.52.232
```

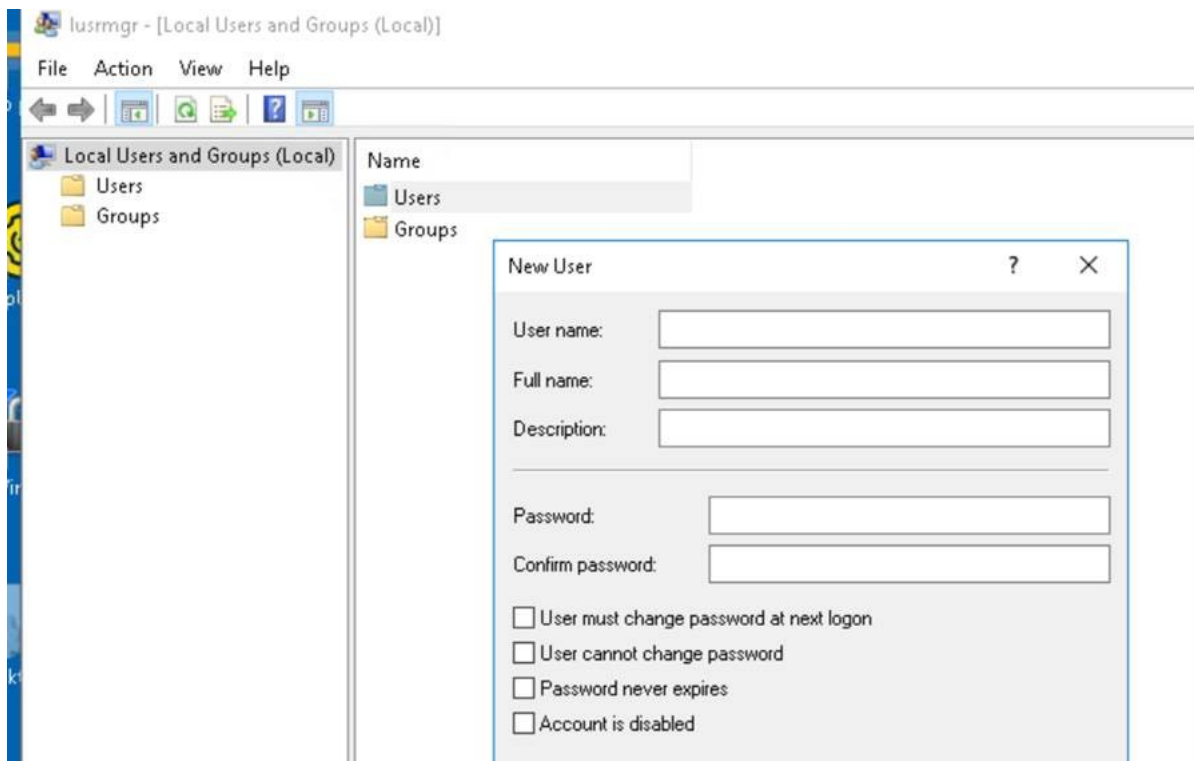
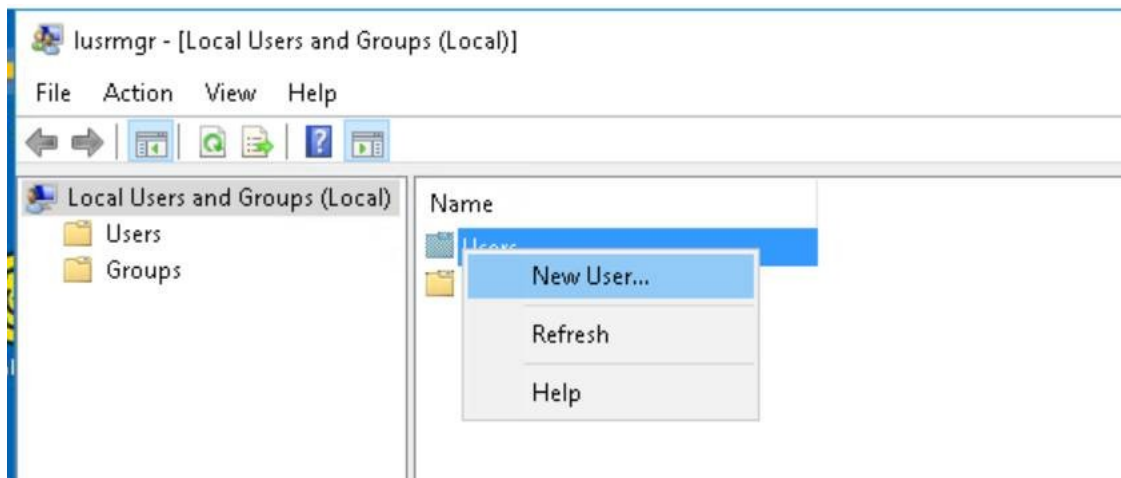
```
[win:vars]
ansible_user=pc965930
ansible_password=*****
ansible_connection=winrm
ansible_port=5985
ansible_winrm_server_certs_validation=ignore
```

**On Windows:**

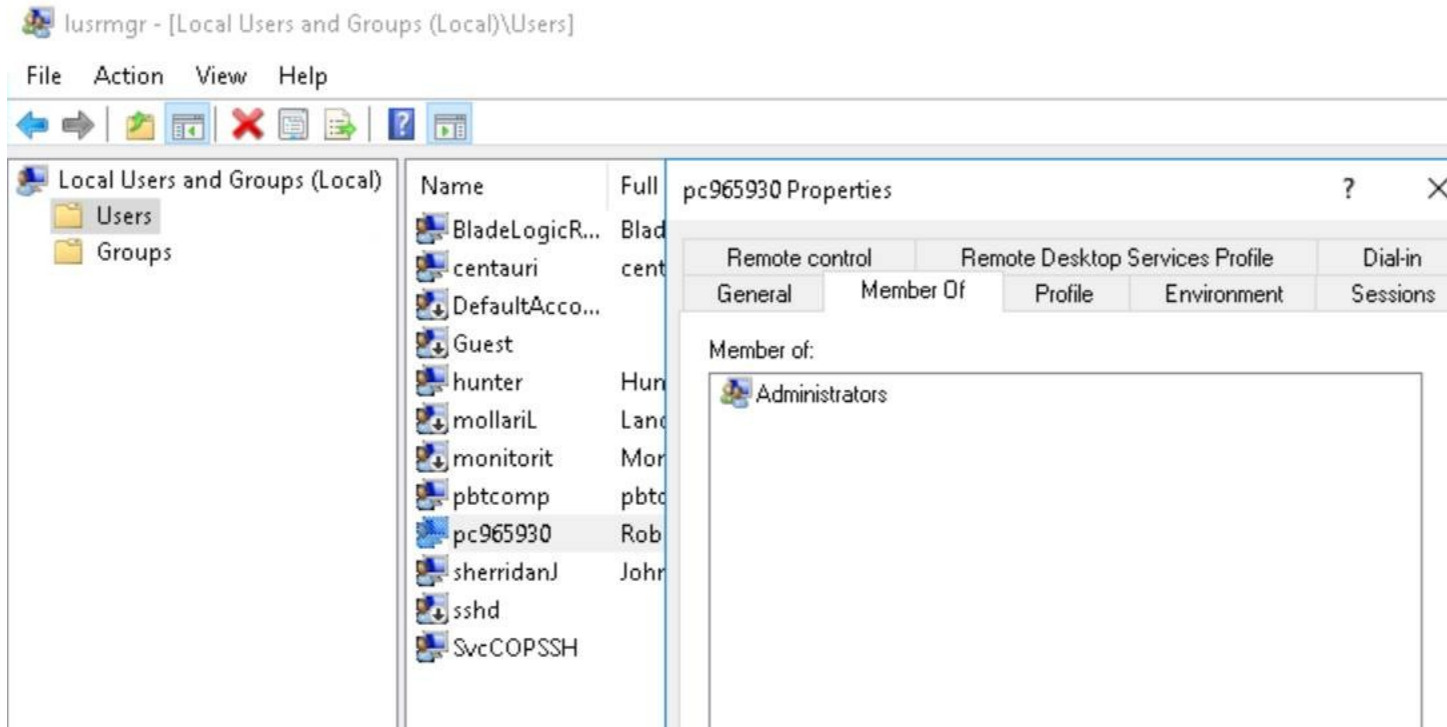
Run the below powershell script as administrator

```
PS C:\Users\614103807\Desktop> .\ConfigureRemotingForAnsible.ps1
```

Create a new user , Typically a Robo user which has similar level of access to linux & Windows



Add user to administrator group to gain elevated privilege



Run the below commands one by one in powershell as an administrator

Enable-PSRemoting -Force

winrm set winrm/config/service '{@AllowUnencrypted="true"}

winrm set winrm/config/service/auth '{@Basic="true"}

### Testing:

#### On Linux:

Connect to Python editor and check whether it can able to talk to windows host

```
[root@blt15204001 ~]# python3
Python 3.6.8 (default, Nov 18 2021, 10:07:16)
[GCC 4.8.5 20150623 (Red Hat 4.8.5-44.0.3)] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> import winrm
>>> session = winrm.Session('10.45.52.232', auth=('pc965930', *****))
>>> result = session.run_ps("hostname")
>>> print(result.std_out)
b'bw15204014\r\n'
>>>
```

#### From Ansible:

```
ansible win -i inventory -m win_ping
```

```
[root@blt15204001 secureSSH]# ansible win -i inventory -m win_ping
[DEPRECATION WARNING]: Ansible will require Python 3.8 or newer on the controller starting with Ansible 2.10. Current version: 2.9.10. This feature will be disabled by setting deprecation_warnings=False in ansible.cfg.
[WARNING]: ansible_winrm_server_certs_validation unsupported by pywinrm (is
[WARNING]: ansible_winrm_server_certs_validation unsupported by pywinrm (is
[WARNING]: ansible_winrm_server_certs_validation unsupported by pywinrm (is
10.45.52.231 | SUCCESS => {
    "changed": false,
    "ping": "pong"
}
10.45.52.229 | SUCCESS => {
    "changed": false,
    "ping": "pong"
}
10.45.52.232 | SUCCESS => {
    "changed": false,
    "ping": "pong"
}
[root@blt15204001 secureSSH]# pwd
```

Regards,  
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