

Logging onto IEPM Hosts

To logon to account iepm

Account iepm (typically on iepm-bw.slac.stanford.edu) is used to work on the iepm-bw project. Password logon to this account is to first order blocked. To access this account one has to have one's ssh public keys installed in `~iepm/.ssh/public/authorized_keys`. The first thing for the new person wishing to run unndr the account iepm is to create her/his ssh key pairs. To create the ssh key pairs use the commands:

```
ssh-keygen -t dsassh-keygen -t rsassh-keygen -t rsal
```

It will also ask you for a pass phrase, just enter a carriage return. If it asks where to save the keys just take the default (carriage return). Another used can verify that the public keys are created as follows:

```
3cottrell@pinger:~>more ~tanzeel/.ssh/.public/identity.pub
1024 35 146653454394770889044623166877077310614501899921965775234647207308036879
63750413852009080539737126752412601088856837707997231429818026234620137964285189
9091613921724725246555463586808086359598499677410533321491762163027007069491891
43405873785518703883968259344869429208971927599722736690422112709006735867357 ta
nzeel@iepm-bw
```

Someone who can already logon to account iepm will then need to copy the new person's (in the example above tanzeel) public keys into `~iepm/.ssh/public/authorized_keys`:

```
2iepm@iepm-bw:~>cat ~tanzeel/.ssh/identity.pub >> ~/.ssh/authorized_keys
3iepm@iepm-bw:~>cat ~tanzeel/.ssh/id_dsa.pub >> ~/.ssh/authorized_keys
4iepm@iepm-bw:~>cat ~tanzeel/.ssh/id_rsa.pub >> ~/.ssh/authorized_keys
5iepm@iepm-bw:~>cat ~tanzeel/.ssh/id_dsa.pub >> ~/.ssh/authorized_keys2
```

One can then check that the new person's public ssh keys are available in the iepm account as follows:

```
9iepm@iepm-bw:~>tail -3 ~/.ssh/authorized_keys
1024 35 146653454394770889044623166877077310614501899921965775234647207308036879637504138520
09080539737126752412601088856837707997231429818026234620137964285189909161392172472524655546
3586808086359598499677410533321491762163027007069491891434058737855187038839682593448694292
08971927599722736690422112709006735867357 tanzeel@iepm-bw
ssh-dss AAAAB3NzaC1kc3MAAACBAIEC24o7qaGXu7BhvDEyVlfbtNCyHDqsW5N7urvW2DLKam7MMYzmnAqpQh1X7j8L
U+DAy6eX50ToychvrwDA8pma45Hbf61dnoSc/yfd1sM8fC1x0faWvg1f/PNT5EfQzwPKEEzIeTieNRL9OTNr4ZS7WjXJ
+i+bvc/a6bq+6Rj1AAAFQCWTL/9FG3xCJ3nKwRg/g5cduZ9BwAAAAIA8N63JWBA+xr2I4y1DaaONQNfVP9ODNMvtSBSj
O1EK7YD4oDd/ZZPLEdW+mcHGTbEgwBB15ac1+4PdPGBY5HCGsA7xXJPEPGnjNHRcsfRCdAuyQiaUKfJLfPPvdAAlKxO+
DGJCIItlsE8hyf+vbdJGxoa4nOqm2aQ6XneXhWhJuwAAAAIAXJmOkRgAYBn72q+IbwM2c33bXLDnTt1Go7WklzeBpLas
jnt79E10TZEX6h0WDYuK0Ymdjy8XEoaStpF/bH+TxXclLNCAhjeWVf/FJIlneDhvhfrLHV3rOVEgH+d9Wka7Q+e2RPYY
8WJOx/eh7vW21LWqmnfLK/h0lyxJ3/EX9w== tanzeel@iepm-bw
ssh-rsa AAAAB3NzaC1yc2EAAAABIwAAAIEA4uzuhQTykqyFHPeayNxTz0HC951ynsxxT2ltHXzjdTbudozvtXEnCYGe
hXVoog4wS2yhwXskRZj8mKyoa/ZtPOd2fXZgQs+zJB5SrDN7jf2aWt5Ala2VynVAFPor4Vu/Yh79dAkj3zN3ojcoelqt
wFheKhmpRh1cxNIPnyPmeIE= tanzeel@iepm-bw
```

and the new user should be able to logon to the iepm account using:

```
~tanzeel@iepm-bw.slac.stanford.edu>ssh -v iepm@iepm-bw.slac.stanford.edu if that does not work then try:
~tanzeel@iepm-bw.slac.stanford.edu>ssh -v -1 iepm@iepm-bw.slac.stanford.edu
and
~tanzeel@iepm-bw.slac.stanford.edu>ssh -v -2 iepm@iepm-bw.slac.stanford.edu
```