Booting a Remote Desktop Instance
Create Security Groups

First time Only
Repeat Security Group Creation for “rdp”
Instead of “HTTPS”, choose “RDP” for the rule
## Manage Security Group Rules: rdp (d4c90357-7149-44fb-a2d4-31d0fe2b4b46)

<table>
<thead>
<tr>
<th>Direction</th>
<th>Ether Type</th>
<th>IP Protocol</th>
<th>Port Range</th>
<th>Remote IP Prefix</th>
<th>Remote Security Group</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Egress</td>
<td>IPv4</td>
<td>Any</td>
<td>Any</td>
<td>0.0.0.0/0</td>
<td>-</td>
<td>Delete Rule</td>
</tr>
<tr>
<td>Egress</td>
<td>IPv6</td>
<td>Any</td>
<td>Any</td>
<td>-</td>
<td>-</td>
<td>Delete Rule</td>
</tr>
<tr>
<td>Ingress</td>
<td>IPv4</td>
<td>TCP</td>
<td>3389 (RDP)</td>
<td>0.0.0.0/0</td>
<td>-</td>
<td>Delete Rule</td>
</tr>
</tbody>
</table>

Displaying 3 items
Boot VM

Once per VM
Click “Launch Instance” to Boot a new VM
Name the VM
Choose the Remote Desktop VM image (*_desktop)
Decide how many vCPUs and size of RAM

Launch Instance
Look for Launched Instance
Remember to attach security groups

Add RDP for remote desktop
Interacting with a VM Desktop
Setup Remote Desktop

Once per VM
Requires the “[...]_desktop” Image Type
SSH to stratus-bastion.msi.umn.edu
SSH to your VM (Get the IP from the instances page)

ssh centos@<IP>
Set a New Password for the centos User

```
sudo passwd centos
```

```
[centos@myfirst-galaxyvm ~]$ sudo passwd centos
Changing password for user centos.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
[centos@myfirst-galaxyvm ~]$   
```
Install a Remote Desktop Client on Your Workstation (First Time Only)

On OSX, get “Microsoft Remote Desktop” from the App Store

On Windows use “Remote Desktop Connection”
Create a New Connection to your VM IP

Specify the username (centos) and password, or you will be prompted every time you login.
Connect

Approve the certificate when prompted. This secures your connection to the VM.
If you see this screen, login with your user and password
If you see this screen lock, hit spacebar and login with the password
You now have a remote desktop