

Checklist: Creating a Security Group

Your Name:

Family Name:

Project:

Date:

A Security Group is the set of rules that govern network access to your server from the wide world.

Bring up the Create Security Group dialogue:	
<input type="checkbox"/>	In a web browser navigate to https://dashboard.rc.nectar.org.au/project/access_and_security/
<input type="checkbox"/>	The project name in the project drop down matches the project name above
<input type="checkbox"/>	The “Security Groups” tab is selected
<input type="checkbox"/>	There are less than 20 (if any) security groups listed ¹
<input type="checkbox"/>	Press the “+ Create Security Group” button
<input type="checkbox"/>	A dialogue titled “Create Security Group” is shown
<input type="checkbox"/>	Enter a meaningful name in the Name field The name you entered was: <input type="text"/>
<input type="checkbox"/>	Enter a meaningful description for the security group in the Description field e.g. “HTTP and SSH access for web server”
<input type="checkbox"/>	Press the “Create Security Group” button

The security group you just created should now appear in the table of security groups.
Press the “Manage Rules” button that lies in its table row.
This should take you to a pane titled “Security Group Rules”.

Add an HTTP Rule:	
<input type="checkbox"/>	Select the “+ Add Rule” button to bring up a dialogue titled “Add Rule”
<input type="checkbox"/>	In the Rule drop down select “HTTP” ²
<input type="checkbox"/>	In the Remote drop down ensure the default of CIDR is selected.
<input type="checkbox"/>	In the CIDR edit box ensure that the default of 0.0.0.0/0 is present
<input type="checkbox"/>	Press the “Add” button

This should take you back to the pane titled “Security Group Rules”. Your new HTTP rule should be shown.

Add an SSH Rule:	
<input type="checkbox"/>	Select the “+ Add Rule” button to bring up a dialogue titled “Add Rule”
<input type="checkbox"/>	In the Rule drop down select SSH ³
<input type="checkbox"/>	In the Remote drop down ensure the default of CIDR ⁴ is selected.
<input type="checkbox"/>	In the CIDR edit box ensure that the default of 0.0.0.0/0 is present
<input type="checkbox"/>	Press the “Add” button

This should take you back to the pane titled “Security Group Rules”. Your new SSH rule should be shown.

Congratulations! You have just created a set of rules belonging to a security group that when in place will allow your users to access your web server on port 80 (HTTP) and you as admin on port 22 (SSH)

1

If you finish early, find out why this is here...

2

What is HTTP? And what is the difference between HTTP and HTTPS?

3

What is SSH?

4

For real bonus points, what does CIDR mean?