

CommIT Amazon VPC Information

Amazon VPC Summary

Located inside of the Internet2 AWS account is a VPC named 'CommIT VPC'. It has a defined subnet of 172.16.0.0/16. This VPC will contain all environments, with each environment using separate individual subnets per availability zone. Each environment (e.g. Dev, Prod, etc.) will contain their own Public and Private subnets. A pre-defined list of subnets that will be used is contained on this page. Note that this is a pre-defined list and not all subnets will be created immediately. It simply provides a list to reference should a subnet be required in the future. To provide better security, only the Bastion server and public facing ELB services will be 'internet-facing'. All instances will reside in the Private subnets and only be accessible through the bastion server or via the ELB (e.g. normal URL calls to the service).

The VPC resides in the following AWS region: *us-west-2*

VPC Subnet Declarations

Subnet Naming Convention: CommIT_<environment><public|private>_Subnet<region>-<zone>

ex.) CommIT_Development_Public_Subnet_US-West-2a

Global

Subnet	Type	Zones
172.16.0.0 /16	General VPC	us-west-2a, us-west-2b, us-west-2c

Public

Subnet	Zone	Environment
172.16.0.0/24	us-west-2a	Dev
172.16.1.0/24	us-west-2b	Dev
172.16.2.0/24	us-west-2c	Dev
172.16.3.0/24	us-west-2a	QA
172.16.4.0/24	us-west-2b	QA
172.16.5.0/24	us-west-2c	QA
172.16.6.0/24	us-west-2a	Perf
172.16.7.0/24	us-west-2b	Perf
172.16.8.0/24	us-west-2c	Perf
172.16.9.0/24	us-west-2a	Prod
172.16.10.0 /24	us-west-2b	Prod
172.16.11.0 /24	us-west-2c	Prod

Private

Subnet	Zone	Environment
172.16.100.0 /24	us-west-2a	Dev
172.16.101.0 /24	us-west-2b	Dev
172.16.102.0 /24	us-west-2c	Dev
172.16.103.0 /24	us-west-2a	QA

172.16.104.0 /24	us-west-2b	QA
172.16.105.0 /24	us-west-2c	QA
172.16.106.0 /24	us-west-2a	Perf
172.16.107.0 /24	us-west-2b	Perf
172.16.108.0 /24	us-west-2c	Perf
172.16.109.0 /24	us-west-2a	Prod
172.16.110.0 /24	us-west-2b	Prod
172.16.111.0 /24	us-west-2c	Prod

AWS Architectures

