

### IP Address Scheme

IP addresses can provide insight into what environment a server is in, what the server does, which company it belongs to and where it's located.

### Environments

Dev	172.16.0.0	172.16.255.255	dev
QA/Test	172.17.0.0	172.17.255.255	qa
Prod	172.18.0.0	172.18.255.255	prod

### Companies

Infinity HealthCare	172.16.0.0	172.16.31.255
Infinity-MEDS	172.16.32.0	172.16.63.255

### Subnets

Public	172.16.0.0	172.16.0.255
Web	172.16.1.0	172.16.1.255
Authentication	172.16.2.0	172.16.2.255
Application	172.16.3.0	172.16.3.255
Database	172.16.4.0	172.16.4.255
Security	172.16.5.0	172.16.5.255

### Availability Zone

Zone 1	172.16.1.0	172.16.1.127
Zone 2	172.16.1.128	172.16.1.255

### Domain Naming

Servers shall be named using the following schema: <server type> <incrementing number>.<environment>.<TBD "private" domain">. For example, app1.prod.ihc.ninja or web2.qa.ihcdevops.net.

### Server Types

nat	NAT Server
web	Web Server
app	Application Server
db	Database Server
ds	Directory Services/LDAP Server
dc	Active Directory/Domain Controller
log	Logging Server

### Server Environments

Dev	dev
Test/QA	qa
Prod	prod

