

Best Practice – device configuration for BNA

Note: All xxxxxx need to be changed

! Configures Username and Password for local authentication

```
username xxxxxxx password xxxxxxx
```

!

!

! Configures enable password

```
enable super-user-password xxxxxxx
```

!

!

!Generate a crypto key for SSH

```
crypto key generate rsa mod 1024
```

!

!

! web services authentication

```
aaa authentication web-server default local
```

!

! enable authentication

```
aaa authentication enable default enable
```

!

! SSH/Telnet authentication

```
aaa authentication login default local
```

!

! Enters Priv mode directly

aaa authentication login privilege-mode

!

!

! Configures logging to the BNA Server

logging host X.X.X.X

!

!

! Enable FDP and LLDP for neighbor discovery and Mapping

fdp run

lldp run

!

!

! Configure SNMP read only community string

snmp-server community xxxxxxxx ro

!

! Configure SNMP read/write community string

snmp-server community xxxxxxxx rw

!

! Configure SNMP Contact Information

snmp-server contact xxITxx

snmp-server location xxSchoolxx

!

! Configure SNMP traps to BNA Server

snmp-server host x.x.x.x version v2c