Programming switch:

enable

configure terminal

enable secret *password*

service password-encryption

banner motd "meddelelse"

no ip domain-lookup

line console 0

password *password*

login

exec-timeout *xx (minutes inactive before disconnecting)*

exit

line vty 0 15

password *password*

login

transport input ssh *(fjerner mulighed for Telnet sessions, så der kun køres SSH)*

exec-timeout *xx (minutes inactive before disconnecting)*

exit

ip domain-name *domænenavn (f.eks navn på router.com)*

crypto key generate rsa

xxxx (Don't need more than 1024)

ip ssh version 2

ip ssh time-out 120

username *brugernavn* privilege *sikkerhedsniveau* secret *password (opsætning af SSH login session*)*

exit

interface range f0/1-23, g0/1 (Make sure to only select the ones NOT in use)

shut down *(Shuts down all interfaces)*

description *description*

exit

interface vlan 1 (and all the vlans you'll need)

ip address *x.x.x.x y.y.y.y*

no shutdown

ip default-gateway *x.x.x.x*

exit

wr

[Separate VLANs]

configure terminal

interface range xx - xx

switchport mode (either access, or trunk)

switchport access vlan xx

Exit

[Set up BPDUguard/portfast]

Interface range xx - xx (Make sure it's only the client's interfaces)

Spanning-tree portfast

Spannig-tree bpduguard enable

wr

Router programming:

enable

configure terminal

hostname *navn*

enable secret *password*

service password-encryption

banner motd "*meddelelse*"

no ip domain-lookup

security passwords min-length *antal*

login block-for *xx* attempts *x* within *xx (Blocks for x sek if x attempts are tried in x sek)*

line console 0

password *password*

login

exec-timeout *xx (minutes inactive before disconnecting)*

exit

line vty 0 4

password *password*

transport input ssh *(fjerner mulighed for Telnet sessions, så der kun køres SSH)*

login local *(opsætning af login for udvalgt bruger. Se * længere nede.)*

exec-timeout *xx (minutes inactive before disconnecting)*

exit

ip domain-name *domænenavn (f.eks navn på router.com)*

crypto key generate rsa

xxxx (Don't need more than 1024)

ip ssh version 2

ip ssh time-out 120

username *brugernavn* privilege *sikkerhedsniveau* secret *password (opsætning af SSH login session*)*

exit

line aux 0

password *password*

login

exec-timeout *xx (minutes inactive before disconnecting)*

exit

ipv6 unicast-routing

interface g0/0 *(husk rigtigt interface)*

ip address x.x.x.x y.y.y.y

description *description*

ipv6 address *ipv6 address*

ipv6 address *ipv6 link-local address* link-local

no shutdown

exit

exit

wr

copy running-config *servername* followed by : *(gemmer running config eksternt)*

server ip address x.x.x.x