

```
domain ::= subdomain | " "  
subdomain ::= label | subdomain "." label  
label ::= letter [ [ ldh-str ] let-dig ]  
ldh-str ::= let-dig-hyp | let-dig-hyp ldh-str  
let-dig-hyp ::= let-dig | "-"  
let-dig ::= letter | digit  
letter ::= any one of the 52 alphabetic characters A through Z in upper case and a through z in lower case  
digit ::= any one of the ten digits 0 through 9
```