

```
1  PROGRAM CheckIP
2  VAR
3      sHostName      : STRING ;
4      Host : SysSocket . SOCK_HOSTENT ;
5      pIPAddress      : POINTER TO DWORD ;
6      in_addr         : INADDR ;
7      sIPAddress      : STRING := 'aaa.bbb.ccc.ddd' ;
8      sTextEingabe : String ;
9  END_VAR
10
```

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```
1  (* Get own hostname. *)
2  SysSockGetHostName ( szHostName := sHostName , diNameLen := SIZEOF ( sHostName ) ) ;
3  (* Get own IP address by its name. *)
4  SysSockGetHostByName ( szHostName := sHostName , pHost := ADR ( Host ) ) ;
5
6  pIPAddress := Host . pAddrList [ 0 ] ; // select the adapter of addrList[]
7  in_addr . ulAddr := pIPAddress ^ ;
8  SysSockInetNtoa ( pInAddr := ADR ( in_addr ) , szIPADDR := sIPAddress ,
9  diIPAddrSize := SIZEOF ( sIPAddress ) ) ;
10
11
```