

4.2 DEFINE PORT

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Purpose

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The **DEFINE PORT** Command is to define a named [Port Number](#) for use within a [DIDO Node](#) in the [Node Network](#). The Port can be used by [Distributed Application \(DApp or DApp\)](#) which run on the Node.

Syntax

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```
DEFINE PORT  <PortName> AS  
    PROTOCOL    = <ProtocolName>  
    NUMBER      = <PortNumber>;
```

Where

- **PortName** ::= textual name associated with the port.
- **ProtocolName** ::= protocol associated with the port.
- **PortNumber** ::= [PortNumberType](#) is an integer value associated with the port. A port number uniquely identifies a network-based application on a computer. Each application/program is allocated a [16-Bit](#) integer port number. This number is assigned automatically by the [OS](#), manually by the user or is set as a default for some popular applications.

Examples

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| [Examples of Defining Port Numbers in DidoLL](#)

```
DEFINE PORT http AS  
    protocol    = TCP  
    port        = 8080;  
  
DEFINE PORT Discovry AS  
    protocol    = UDP
```

port = 30301;

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