

# Compatible Systems Tech Notes: Adding Subinterfaces

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## Introduction

This document explains how to add additional IP addresses to a single Ethernet or WAN port that requires the use of subinterfaces.

## Prerequisites

### Requirements

There are no specific requirements for this document.

## Affected Products

900i, 1200i, 1220i, 1250i, 1270i, 2600i, 2900i, 2200R, 2220R, 2250R, 2270R, 3500R, 3800R, Ether Route II, Ether Route TCP II, 3000E, 4000S, VSR-2, VSR-8, IntraPort 1, IntraPort 2, IntraPort 2+, IntraPortEnterprise-2, IntraPortEnterprise-8, IntraPortCarrier-2, and IntraPortCarrier-8

## Affected Versions

All versions

## More Information

In order to add a subinterface in CompaView v5.x, use the right mouse button or the **File/Subinterface** command to create the subinterface. In CompaView v4.8.7, use the **New Subinterface** button within the TCP/IP Routing section for the port you wish to add the subinterface. Then configure the subinterface for the new IP network assigned to it. Enable the dot1q encapsulation in order to create a subinterface on an Ethernet WAN connection. For example:

```
interface FastEthernet0.160
encapsulation dot1q 160
no ip address
```

In the command line, use the **config ip** command for the port you wish to subinterface using the subinterface number you wish to use. For example:

```
config ip ethernet 0.1
```

```
config ip wan 1.1
```

Then configure that new section with the new IP network assigned to it.

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## Related Information

- [Technical Support & Documentation – Cisco Systems](#)
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