

# Compatible Systems Tech Notes: PassThruRanges and Routing

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## Introduction

You can only declare one PassThruRange for each Class C network or the router does not route any of the multiple PassThruRanges you have entered.

## Prerequisites

### Requirements

There are no specific requirements for this document.

## Affected Products

1200i, 1220i, 1250i, 1270i, 2600i, 2200R, 2220R, 2250R, 2270R, 3500R, 4000S, VSR-2, VSR-8, IntraPort 1, IntraPort 2, IntraPort 2+, IntraPort Enterprise-2, IntraPort Enterprise-8, IntraPort Carrier-2, and IntraPort Carrier-8

## Affected Versions

All versions

## More Information

You can only declare one PassThruRange for each Class C network.

**Note:** These are only partial NAT Global configurations.

**Note:** For example:

```
[ NAT Global ]
    PassThruRange=204.144.171.168/29
```

However, this sample output does not work. Both PassThruRanges are not routed:

```
[ NAT Global ]
```

```
PassThruRange=204.144.171.168/29
PassThruRange=204.144.171.96/29
```

This solution works:

```
[ NAT Global ]
  PassThruRange=204.144.171.0/24
```

There is no reason why you would not want to declare the entire available network as a PassThru. If it overlaps with the ExternalRange, the ExternalRange takes precedence. If you do not want to let a portion out, put in a filter.

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## Related Information

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

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