



# CCDC Inject

<b>INJECT NAME</b>	Adding a New LAN Segment
<b>INJECT ID</b>	DSGN06A

## **INJECT DESCRIPTION:**

A new project will require the creation of a new LAN segment within the infrastructure. Design an addressing scheme that satisfies the following requirements:

- Should support a maximum of 14 hosts.
- Should be compatible with the existing internal addressing scheme, I.e. with the same major network-id.

Identify the network-id, broadcast-id and network masks for the new segment.  
Outline all the changes needed to the existing network equipment configuration to make this new network functional. The segment will need typical end-user Internet access.

## **INJECT DELIVERABLE**

Develop a business memo that provides the requirements in the Inject Description.