

CUATRUM 4



CUATRUM



Networks infrastructure

Optical fiber

Gigabit Ethernet

Online servers

Software diagnostics



CISCO

The background features a pattern of light gray squares of varying sizes, some of which are offset to create a 3D effect with soft, dark shadows beneath them. The squares are arranged in a non-uniform, grid-like fashion across the white background.

CISCO CORPORATION

IMPLEMENTACIÓN



**Análisis de
requerimientos**

**Implementación
de la capa física**

1

2

3

4

**Diseño lógico
y físico**

**Implementación
de la capa lógica**

An illustration of a person with brown hair, wearing a grey shirt and dark pants, holding a blue laptop. The person is positioned in the center. Surrounding them are several circular icons connected by a network of white lines. The icons include: a stack of blue horizontal bars (top left), a blue virus-like icon with a diagonal slash through it (top right), a blue database cylinder (bottom left), and a blue greater-than sign (bottom right).

5 Testing y debugging

The background features an abstract pattern of light gray squares of varying sizes. Each square is positioned such that it appears to be floating above the surface, casting a soft, diffused shadow directly beneath it. The squares are arranged in a non-repeating, organic fashion across the white background.

INFRAESTRUCTURA



Monterrey

Guadalajara

Colima

Manzanillo

LOCALIDADES

Colima

Dos redes locales con capacidad para 250 usuarios c/u

Acceso seguro a internet

Monterrey

Dos redes locales con capacidad para 500 usuarios c/u

Acceso inalámbrico a la red

Acceso seguro a internet

Guadalajara

Servidores 24/7

Red local con capacidad para 500 usuarios

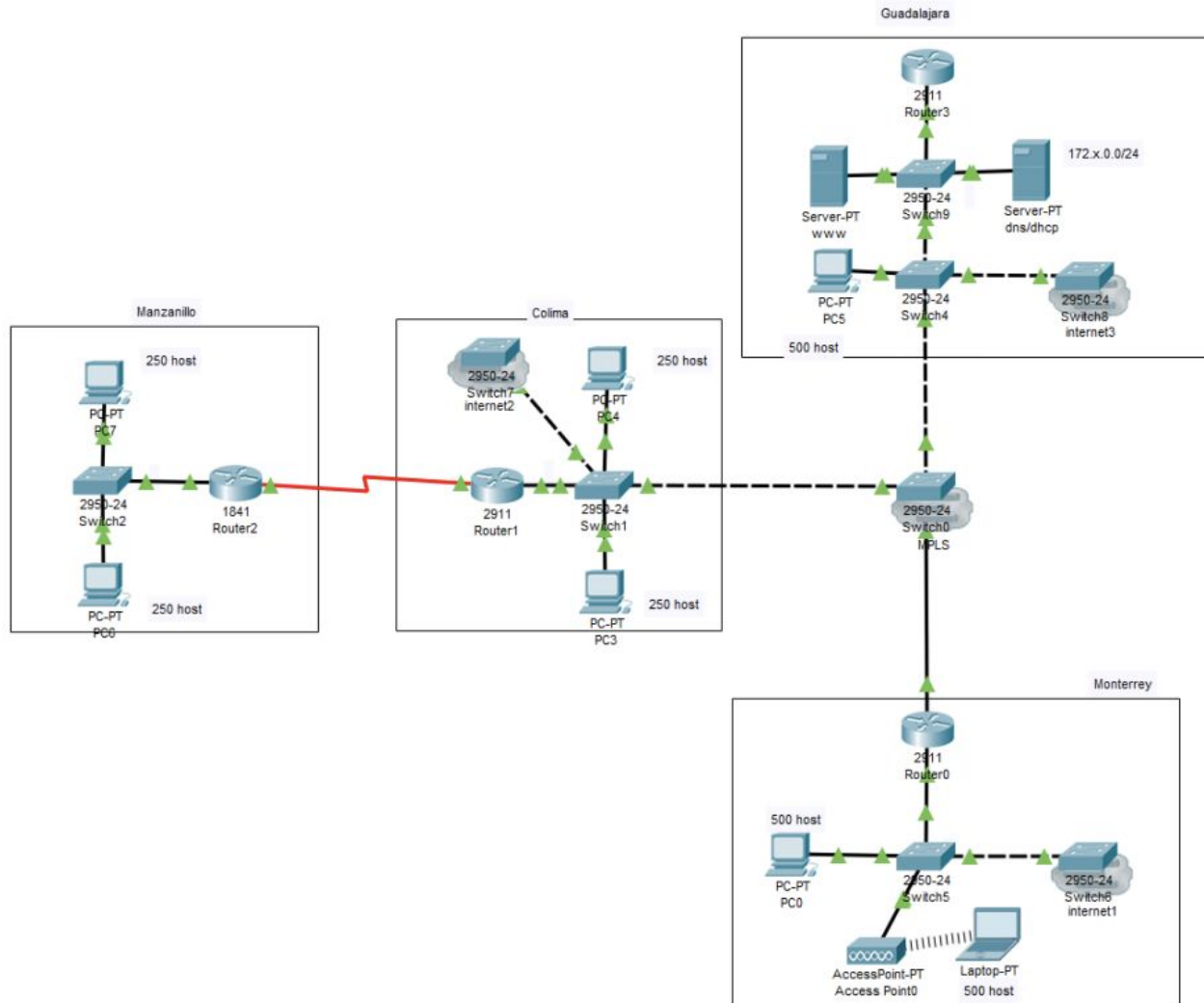
Registros de acceso

Acceso seguro a internet

Manzanillo

Dos redes locales con capacidad para 250 usuarios c/u

Acceso seguro a internet a través de Colima




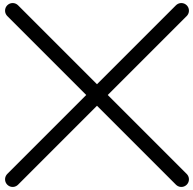
RASGOS DISTINTIVOS



An abstract visualization of a network flow. On the left, a dense bundle of multi-colored lines (purple, green, blue, orange) flows towards the center. In the center, the text 'MPLS' and 'Multiprotocol Label Switching' is displayed. To the right, the flow disperses into a cloud of colored dots of various sizes, connected by thin lines. A vertical bar with small colored segments is positioned between the left flow and the central text.

MPLS

**Multiprotocol
Label Switching**

CUATRUM   **RSA**®



231796 33165665200 55609421259 4306588701 38438616090 58681644440 17263614266 26760456431 60487861991 58193399626 16410109872 29680977239 1
9943080009 30632932421 25208543492 58118059701 4511087725 49848453298 6014951187 24318348636 16410109872 44982902878 57414414502 41558276405
54474246877 16207729215 42812036784 58193399626 37375709683 1221904356 48860888899 3555639 29558870590 30824154664 47949303185 41777293073 74
10810367 43264301068 39999218988 43886416497 3177250189 47250164817 23083926460 36263683204 57427396814 43063554161 22983110378 16598060594 1
7263614266 49217206479 43116031463 6896201253 58102536228 3467531424 50725060720 36329315054 276911008 40599562313 45570470569 54227205977 20
44300010 30207715339 60449903847 32883991624 58252811086 26760456431 16207729215 34656395544 22878012431 30684384648 3887639211 6896201253 42
855754928 52292366565 43116031463 4599470021 3555639 45104069541 24344596695 33311371700 35760013433 43427152040 47754076461 43395466523 5016
4808396 61111049540 27653654277 54642627992 19637726513 37261537258 11232265143 51587151986 21933830655 55156598801 49799538075 10353288736
8707761226 15695183320 42865018673 58193399626 3887639211 16534512644 1655723566 58193399626 16598060594 2407684723 15983492224 57414414502 4
3870790462 58940683755 57913840367 58252811086 26760456431 16207729215 34656395544 22878012431 30684384648 3887639211 51127572249 58593542346
3984608049 45095458152 36383710673 58193399626 46621208884 45104069541 24344596695 33311371700 35760013433 43427152040 47754076461 433954665
23 50164808396 61111049540 27653654277 54642627992 19637726513 37261537258 11232265143 51587151986 21933830655 55156598801 49799538075 103532
88736 38707761226 15695183320 42865018673 58193399626 3887639211 16534512644 1655723566 58193399626 16598060594 2407684723 15983492224 574144
14502 43870790462 58940683755 57913840367 15695183320 24210914844 15983492224 41645131957 51370129261 1104934562 2407684723 17774978259 42865
018673 25221508266 24251954149 24371585787 26760456431 53661853544 45671109124 59714467469 51536356457 2407684723 17774978259 42865018673 252
21508266 9824738250 294811384 57943775735 14927453226 50080231023 32883991624 56201543291 4511087725 37375709683 59544608088 26760456431 3943
74778 21421795655 4230276675 20957583084 294811384 34067012117 25208543492 38739018629 32788758854 4511087725 46723859504 1104934562 43037589
719 4511087725 46723859504 1104934562 32539266054 60457832176 12471970799 41645131957 33066687807 33311371700 58193399626 24959242354 4326398
464 6896201253 21908252703 4478569701 58118059701 28223282952 26760456431 60319824907 24614787697 10555598579 36582051924 49217206479 1848291
4722 39852178195 32724283705 35916694083 48860888899 18748871174 16598060594 47250164817 45104069541 44877784322 19173896802 10330081240 1104
934562 47250164817 28227132410 31705816082 10492187510 38471007830 12721655865 40827672825 58118059701 28223282952 26760456431 60319824907 224
614787697 10555598579 36582051924 49217206479 18482914722 39852178195 32724283705 35916694083 48860888899 18748871174 21421795655 30050986277
11732374288 12721655865 1221904356 49861635964 6548211185 9698337844 41242858045 23674804359 25481727288 44982902878 17851047612 57689584859
60457832176 40223160800 12471970799 28322145932 48281171391 17263614266 58940683755 6691804265 32705834528 60487861991 44982902878 574144145
02 53669673522 50757663459 36249195300 30050986277 58118059701 4511087725 10492187510 38471007830 12721655865 18228701260 9824738250 29481138
4 57943775735 30050986277 28328974522 5684710399 2041969747 16357398237 28328974522 16357398237 28328974522 16357398237 20933073184 58118059
701 4511087725 32724283705 25309335557 26760456431 2793881832 43302391811 33311371700 49848453298 394374778 13154728599 5640518913 209330731
84 50080231023 58118059701 4511087725 16207729215 35760013433 42865018673 3319681451 4326398464 42184286692 19852840959 57847162877 4394510031
13 53669673522 46109149724 32883991624 42865018673 53936881010 16854948902 14537761437 58193399626 5064223348 12484832757 26046161240 6972084
213 59414921740 26760456431 12353585468 37544416193 21769925959 50080231023 41558276405 4326398464 54862360536 42855754928 1198270693 4498290
2878 57414414502 58252811086 35589075964 42855754928 13364499417 26351002225 24246680149 21321077126 60457832176 45095458152 43870790462 5447
4246877 25533869790 25467899669 23674804359 37634345195 6548211185 9698337844 8045724510 40479187743 38915155688 394374778 41558276405 498616
35964 47793000736 43302391811 33311371700 49848453298 394374778 13154728599 5640518913 50080231023 294811384 34067012117 48557229939 34067012
117 45250023050 34067012117 45250023050 34067012117 45250023050 16598060594 49861635964 56768137321 12512751368 51611137059 4924303574 104921
87510 38471007830 12721655865 18228701260 9824738250 294811384 57943775735 21421795655 43101366265 49861635964 14454789563 60487861991 481341
59595 16534512644 15533815296 16016882793 47250164817 45104069541 44877784322 19173896802 10330081240 1104934562 58118059701 28223282952 2676
0456431 60319824907 24614787697 10555598579 36582051924 49217206479 18482914722 39852178195 32724283705 35916694083 48860888899 18748871174 2
1421795655 2202807379 11732374288 12721655865 1221904356 49861635964 6548211185 9698337844 30140332047 37634345195 57414414502 2202807379 503
64322809 13730949796 58242989896 60457832176 40223160800 12471970799 28322145932 6613356227 7217732285 39652791784 12197501727 54474246877 25
533869790 25467899669 23674804359 37634345195 6548211185 9698337844 8045724510 40479187743 38915155688 394374778 25208543492 49861635964 4779
3000732 43302391811 33311371700 49848453298 394374778 9406899405 50080231023 23674535609 20933073184 50080231023 20419969747 16357398237 2832
8974526 16357398237 28328974522 16357398237 28328974522 39881902660 42184286692 19852840959 57874162877 43451003113 53669673522 46109149724 3
2883991624 42865018673 53936881010 16854948902 14537761437 58193399626 5064223348 12484832757 26046161240 6972084213 59414921740 26760456431

Your decrypted config is: hostname Manzanillo
no ip domain-lookup

ip domain-name barco.com
Crypto key generate rsa

1024

ip ssh version 2

enable secret 5 \$1\$mERr\$hx5rVt7rPNoS4wqbXKX7m0
enable password 7 0822455D0A16

username cisco privilege 5 secret 5 \$1\$mERr\$hx5rVt7rPNoS4wqbXKX7m0
line console 0
login local
username cisco1 privilege 15 secret 5 \$1\$mERr\$hx5rVt7rPNoS4wqbXKX7m0
line console 0
login local

logging on
logging buffered 4096
logging 172.4.31.1

Ntp server 10.40.72.254

lldp run
cdp run
spanning-tree mode pvst

interface GigabitEthernet0/0
no shutdown
no ip address

interface GigabitEthernet0/0.11
description usuarios1_Manzanillo
encapsulation dot1Q 11
ip address 172.4.11.254 255.255.255.0
ip helper-address 172.4.0.1
ip nat inside
no shutdown

! End of configuration

SERVIDORES WEB



Servidor Apache

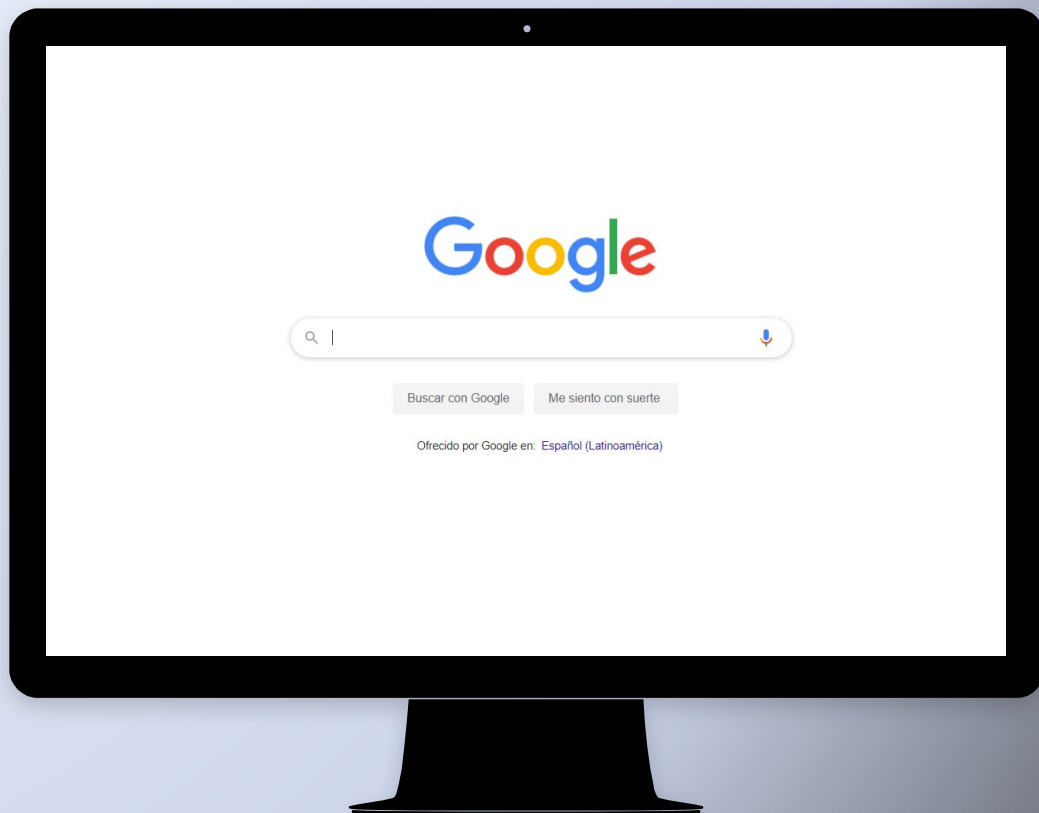
Seguro, eficiente y flexible.
Accesible en todo el mundo



**Internet seguro y
confiable**

Velocidad estable +
información segura

= **CUATRUM** 





BLOQUEO DE SERVICIOS



The logo for the game Hearthstone: Heroes of Warcraft. The word "HEARTHSTONE" is rendered in large, 3D, golden-yellow letters with a weathered, stone-like texture and a dark brown outline. The letter "O" in "STONE" is replaced by a glowing blue and white circular emblem featuring a stylized flame or swirl design. Below "HEARTHSTONE", the words "HEROES OF WARCRAFT" are written in a smaller, white, serif font. The entire logo is set against a dark gray background.

HEARTHSTONETM

HEROES OF WARCRAFTTM



**ROCKET
LEAGUE**



OVERWATCH™

Precio de equipos

Router 2900

\$875.69 USD



Switch

\$1,030.00 USD

Router 4300

\$6,696.00 USD





Quote

Date	November 22, 2019
Valid Until	15/12/2019
Quote #	0001
Customer ID	DS100MO

Customer:

Ciscorporation S.A de C.V
ITESM
Av. Ramon Corona 2514
45207 Zapopan, JAL
+52 (33) 3669 3000

Quote/Project Description

Diseño e implemetacion de red

Description	Line Total
Switch Cisco Gigabit Ethernet Catalyst 2960-XR (63)	64,890.00
Router Cisco 2900 (3)	2,627.07
Router Cisco 4300 (1)	6,696.00
CMP Cat6 UTP ethernet cable	625.99
Commscope Rack	3,801.66
Costos Adicionales	4,500.00

Special Notes and Instructions

All prices are listed in USD
Este presupuesto no incluye adaptaciones de entorno, capacitacion o mantenimiento.

Subtotal	\$	83,140.72
Labor	\$	8,000.00
IVA Rate	%	16.00
IVA	\$	14,582.52
Total	\$	105,723.24

Above information is not an invoice and only an estimate of services/goods described above.

Payment will be collected in prior to provision of services/goods described in this quote.

Gracias

Business inquiries:

 info@cuatrum.mx

 [@CuatrumMx](https://twitter.com/CuatrumMx)