

## Hosting and Multi Tenancy Guide for Exchange 2013

How to host Exchange 2013 with Minimised Cost?

I just tried to find some answers for that. And create a step by step procedure

### **Step 1:**

Find the best Location – With Good Power, Can Withstand disaster like Tier 3 or Tier 4 Datacentres.

If you don't have a good infrastructure. Never worry, There are Cloud Servers you can rent.

There are many providers in the Market.

### **Step 2:**

Choose a good Control Panel to Server the clients

There are good Software's in the market.

Citrix

<http://www.ems-cortex.com/>

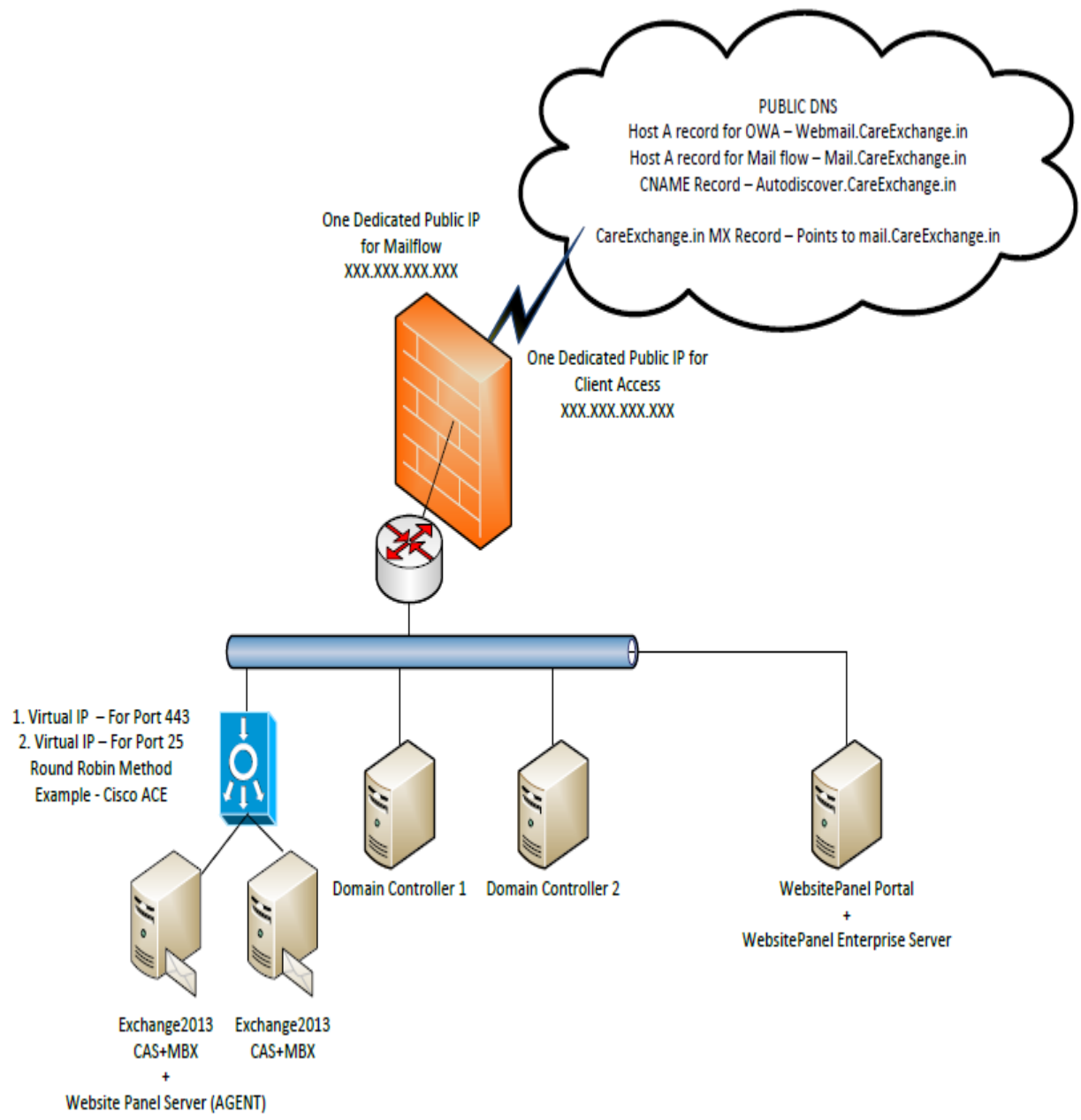
If you feel you don't want to invest on a huge licensing cost for a Control panel. There are open source Control Panels available in the market

Website Panel

<http://websitepanel.net/>

Note: No much documentation available, you may need to spend much money on Support in fixing some issues

Choose Simplest Architecture – With Good High availability and Best options to Expand



### Step 3:

#### Purchasing Part

#### Required Hardware -

Number of Servers required = 5

1 hardware load balancer - It can be Cisco ACE, F5, Kemp

Windows server 2012 licences - 5

Required Public IP – 2\*

It will be 3 (If you choose Tenants to use Autodiscoveredirect method)

Required Public DNS records - 4 (As per diagram)

Exchange SSL Cert from Digi Cert, Go Daddy with those DNS entries

Exchange Servers Will need 16GB Ram each, with high Processor Range

Domain Controllers will require 8 GB Ram Each

Website panel Server will require 16GB Ram

All Servers are High availability Configured with this configuration

Website panel Portal server will be single point failure (As is not going to disrupt the service even when it goes down)

Step 4:

Promote 2 Machines as Domain Controllers

<http://careexchange.in/how-to-promote-windows-server-2012-as-a-domain-controller/>

Step 5:

How to Install Exchange 2013 Sp1 on Windows Server 2012 R2

<http://careexchange.in/how-to-install-exchange-2013-sp1-on-windows-server-2012-r2/>

Install Exchange 2013 all roles on 2 Servers

<http://careexchange.in/how-to-install-exchange-2013-on-windows-server-2012/>

Step 6:

Configure Database Availability Group for MBX Role

<http://careexchange.in/how-to-create-a-database-availability-group-in-exchange-2013/>

Step 7:

Configure Client Access High Availability for CAS Role

<http://careexchange.in/how-to-load-balance-client-access-server-in-exchange-server-2013-high-availability/>

Step 8:

Configure your Public DNS records to VIP

<http://careexchange.in/configuring-public-dns-and-mx-records-for-exchange-2013/>

Step 9:

See How to install and Configure Open source Control panel for Exchange 2013

How to Install Website Panel 2.1 Windows Server 2012

<http://careexchange.in/how-to-install-website-panel-2-1-windows-server-2012/>

How to Configure Website Panel 2.1 for Exchange Server 2013

<http://careexchange.in/how-to-configure-website-panel-2-1-for-exchange-server-2013/>

Step 10:

In Simple Words – Using AutoDiscover with large numbers of accepted domains

Client Outlook can configure automatically.

Autodiscoverredirect Required Additional public IP. But SRV method clients need to do manual configuration on specific active sync devices like iPhone.

Outlook Recognizes both.

How to Create Autodiscoverredirect record for Multi-Tenant Scenario in Exchange 2013

<http://careexchange.in/how-to-create-autodiscoverredirect-record-for-multi-tenant-scenario-in-exchange-2013/>

How to Create Autodiscover (SRV) record for Multi-Tenant Scenario in Exchange 2013

<http://careexchange.in/how-to-create-autodiscover-srv-record-for-multi-tenant-scenario-in-exchange-2013/>

Step 11:

Buy a SSL Cert from anyone of the Certificate Providers like Digi Cert,Go Daddy

Configuring 3rd Party SSL Exchange Certificate in Exchange 2013

<http://careexchange.in/configuring-3rd-party-ssl-exchange-certificate-in-exchange-2013/>

Step 12:

Find a Client – Start Selling mailboxes

Tough part

Hope its helpful guide to start from scratch.