

## Hinawi Online Setup Guide/Checklist

- Information Needed
  - Router Password
  - Username and Password of Server
  - Pre-utilization of Dydns for their Public IP
  - Router Type (typically Etisalat provides it)
- Server
  - Open "Run" window (Windows + R) > cmd > type "ipconfig" > Note Down the information
  - Network and Sharing Center > Local Area Connection > Properties > Double click Internet Protocol Version 4 (Ipv4) > Select "Use the following IP Address"
    - Do as pointed in the Screenshot:



- The cmd window should show the DNS server address; if DNS server address is not shown then go to Network and Sharing Center > Local Area Connection > Details > Note down IPv4 DNS Server
- SQL Configuration
  - Open SQL Server Configuration Manager > SQL Server 2005 Network Configuration > Protocol for SQLEXPRESS > Right Click TCP/IP > Properties > IP Addresses Tab > Type Port Number in the "TCP port" field for all IPs (IP1, IP10...etc.) use 1433
  - Open SQL Server Configuration Manager > SQL Server 2005 Network Services > Right Click "SQL Server (SQL EXPRESS)" and select "restart." Do the same for SQL Server Browser.
  - SQL Server Management Studio > Type \*PrivateIP\SQLEXPRESS\* > Use same Username and Pass. For example: 192.168.0.180\sqlexpress
- ➤ Firewall
  - Inbound Rule: Open "Windows Firewall with Advanced Security" > Select "Inbound Rules" > Select "New Rule" > select "Port" > click "Next" > select "TCP" > select "specific local ports" then type the chosen port number.
  - Outbound Rule: Same steps as Inbound
- Router Port Forwarding
  - Open an Internet Browser (Chrome/Internet Explorer) > search "What is my IP?" > Note Public IP. For example, 192.168.0.32.
  - In the address bar, access the router page by typing the IP address, which is 192.168.0.32.





- Login > Virtual Servers (under firewall) > Write \*CompanyNameOnline\* in the description, specify the inbound port > Type is "both" > type in the last digits of the Private IP address > specify the private port. (Note that every router has a different way of port forwarding so use Google or YouTube to understand the router interface or environment)
- > Test if my public IP is usable
  - Open SQL Server Management Studio > Type \*PublicIP\SQLEXPRESS, Port #\*. For example, 192.168.0.32\sqlexpress, 1433.
  - Login using your credentials.
- Create an account for the customer and pay \$40 per year.
- Open an Internet Browser and search for "Dyndns Updater" and download the appropriate version. Use the customer's credentials to install and configure the Dyndns Updater.
- Create Customer Account in Hinawi Online
  - o Go to http://hinawi2.dyndns.org:8181/sata/login.zul
  - Sign in using company credentials
  - Select "companies" > select "add new company" > fill in the information > make sure "use merged database" is selected > save
  - Select "Users" > Select the company from the dropdown menu > select "admin" > setup admin information.
  - Select "databases" > Select the company from the dropdown menu > Add new Host > Database type "HBA" AND "HR" > Host is the dyndns public address > Database name is exactly the same as the one in MySQL > enter MySQL UN and Pass > Test > If test is successful then save, if not then try again (don't save).
  - Select "Modules to sell" > check all the modules that are sold to the customer > Save and Logout.
- > Open Hinawi Desktop and Hinawi Online then TEST.

Technician Name:	Date:

Customer Name:\_\_\_\_

Signature:\_\_\_\_\_





حاتم الحناوي للبرمجيات

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