Usage Guide

The page outline general usage of the module

- Sub-Domains (New in v1.1)
- DNS Records Modification (Basic/Premium/Profession Edition)
- Web Redirect (Premium /Professional Edition)
  - Masked Redirection (new in v1.1)
- Email Forwarding & Catch-All (Premium/Professional Edition)
- Domain Parking (Professional Edition)
- DNS Templates (Professional Edition)
- Dynamic DNS Support DDNS (Professional Edition)
- Example

Sub-Domains (New in v1.1)

With this feature, your client can create sub-domains under the main domain. Features such as redirection, email forward and email catch-all is available under a Sub-Domain.

DNS Records Modification (Basic/Premium/Profession Edition)

The client and admin can easily manage a domain's DNS zone using the built-in DNS Records Editor. The module support most popular DNS records format. **A, AAAA, CNAME, MX, TXT, SRV, NS**.

> **Note**
>
> The Admin can enable/disable each format individually providing a greater control

> **Special Note**
>
> The module is designed to not allow for client to remove the NS record for the domain root to prevent any technical support problem.

Web Redirect (Premium/Professional Edition)

Clients can setup web (http) redirection with this function without having a hosting plan attached to their domain.

Masked Redirection (new in v1.1)

With the introduction of this new feature, you client can now create Redirection with masking. What Masked Redirection will allow the URL to show the original domain URL while the content body is of another page.

In order to use this function, you must include the remote connector file in your webtemplate.zip.

Email Forwarding & Catch-All (Premium/Professional Edition)

Similar to Web Redirect. Your client can setup Email Forwarding / Catch-All without a hosting plan.

In order to use Forwarding and Catch-all. The following steps must be followed

1. Add a **Email Destination**
2. Verify the **Email Destination** by entering the **Pin**
3. Create a **Alias**
4. Add the **Email Destination** to the **Alias** or **Catch-all**

If the pin variable didn't get inserted into the email template during installation. You can use {$pin} as the variable.

Domain Parking (Professional Edition)

If you wish to setup a generic pages for your client's domain similar to big registar's parking pages with their registration, you would need to do the following steps.

1. Prepare the list of files you want to include for the client's domain. For sake of simplicity and storage, it is recommended for you to only use one html or php file. You can load all images, css, js using external sources. This way it will cut down the disk storage us per domain
2. Zip the list of files up in a zip format file. **Note: all files must be in the root of the zip file**
3. Go into the Module's configuration and fill in the **Web template file name** of the zip file you just created in **Step 2**. Note this is case sensitive and you must use the full file name. Eg. webtemplate.zip
4. Place the zip file in the root of your main DirectAdmin account. The root is where you will find default directories, such as domains, imap, mail, MailDir, public_html, tmp.

```
[root@nameserver1         ]# dir
domains  imap  Maildir  public_html  tmp  webtemplate.zip
[root@nameserver1         ]#
```

> **Warning**
>
> Do not place the zip into public_html

That's it. Now whenever you have a new domain created on the DA server. The module will extract that webtemplate.zip into the public_html of the newly created domain. When the domain's nameserver is point to the DirectAdmin server, the generic parking page you used will now show up.

This feature is useful if you want to do any analytics data on the domains you are hosting via the DNS cluster, etc.

DNS Templates (Professional Edition)

DNS Templates is useful when you want to apply reoccurring DNS settings to a domain. Such as Gmail, Outlook, Shopify etc.

DNS Templates can be used with all DNS records. By default, when a Template is being loaded onto a domain, all records for that domain will be removed. You can select the **Preserve Current DNS settings** option when loading the template to tell the module to not override the current DNS records

Dynamic DNS Support **DDNS** (Professional Edition)

The Dynamic DNS API is use when the client wish to update a A record without having to log into your client area.

Use case:

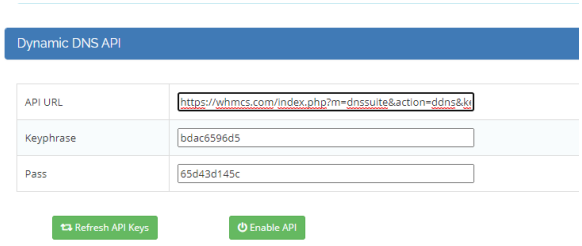
It can be automated such as when a client's home WAN connection changes IP and they can set their router to remotely hit the module's API to update it's A record that point's to their home IP address.

Example

If your WHMCS domain is abc.com, then your client would use the following URL to call the API

https://abc.com/index.php?m=dnssuite&action=ddns&keyphrase=**keyphrase**&pass=**pass**

The client can locate the keyphrase and pass for each individual domain after they have loaded the Domain to manage in the Client Frontend.



There are additional API options they can use.

Option	Explaination
&host	Set this in the URL if you want to modify/add an additional A record host. If no &host is set in the URL, then the module will update the domain's main record. Eg. `https://abc.com/index.php?m=dnssuite&action=ddns&keyphrase=keyphrase&pass=pass&host=ftp` will create/update the FTP A record.

&ip	Set this in the URL if you want to specify what IP to update the A record to. Leave empty if you want it to capture the IP it hits the WHMCS. `https://abc.com/index.php?m=dnssuite&action=ddns&keyphrase=keyphrase&pass=pass&host=ftp&ip=1.2.3.4` **Tip** If you use proxy server like CloudFlare, you would need to setup in the configuration.php of WHMCS to relay the proxy's IP to $_SERVER[“REMOTE_ADDR”]. Otherwise, the module will only able to get the proxy's IP
&ipv6	Set this if you want to modify a AAAA record. When this is used, you must also specify the &ip= Eg. `https://abc.com/index.php?m=dnssuite&action=ddns&keyphrase=keyphrase&pass=pass&host=ftp&ip=2001:db8:a0b:12f0::1&ipv6=yes`
&delete	Use this to delete a record. Eg. `https://abc.com/index.php?m=dnssuite&action=ddns&keyphrase=keyphrase&pass=pass&host=ftp&delete=1`