Lampiran Strategi Implementasi Upgrade ZendServer to ZendPHP

1. Sebelum process installasi ZendPHP di pastikan perlu di lakukan proses backup config Zend Server Existing, backup file php.ini dan www.conf zend-server .

2. Sebelum dan sesudah proses installasi ZendPHP, jalankan command **php -m** di server app (app FO, BO & Scheduler) untuk check extension khusus yang di gunakan di aplikasi NCMS.

   Make sure list extension di bawah ini sudah terinstall, jika belum di perlukan prosesi install extension di bawah ini di server(app FO, BO & Scheduler) :
   - **gnupg version 1.5.1**
   - **ssh2 version 1.3.1**
   - **PDO_OCI sesuaikan dengan versi PHP**

3. Sesudah proses installasi ZendPHP sesuaikan parameter di www.conf ZendPHP

   [Server FO]

   ```
   user = nobody
   group = nobody
   listen = /usr/local/zend/tmp/php-fpm.sock
   listen.owner = nginx
   listen.group = nobody
   ;listen.acl_users (disable acl user)
   pm = static
   pm.max_children = 400
   pm.start_servers = 10
   pm.min_spare_servers = 10
   pm.max_requests = 5000
   ```

   [Server BO]

   ```
   user = nobody
   group = nobody
   listen = /usr/local/zend/tmp/php-fpm.sock
   listen.owner = nginx
   listen.group = nobody
   ;listen.acl_users (disable acl user)
   pm = static
   pm.max_children = 200
   ```

```
pm.start_servers = 10
pm.min_spare_servers = 10
pm.max_requests = 5000
```

[NGVA core]

```
user = nobody
group = nobody
listen = /usr/local/zend/tmp/php-fpm.sock
listen.owner = nginx
listen.group = nobody
;listen.acl_users (disable acl user)
pm = static
pm.max_children = 200
pm.start_servers = 10
pm.min_spare_servers = 10
pm.max_requests = 1000
```

[Server IFGW, IFGW NGVA]

```
user = nobody
group = nobody
listen = /usr/local/zend/tmp/php-fpm.sock
listen.owner = nginx
listen.group = nobody
;listen.acl_users (disable acl user)
pm = dynamic
pm.max_children = 40
pm.start_servers = 10
pm.min_spare_servers = 10
pm.max_spare_servers = 20
pm.max_requests = 1000
```

[Server Scheduler]

```
user = nobody
group = nobody
listen = /usr/local/zend/tmp/php-fpm.sock
listen.owner = nginx
listen.group = nobody
;listen.acl_users (disable acl user)
pm = dynamic
```

```
pm.max_children = 200
pm.start_servers = 10
pm.min_spare_servers = 10
pm.max_spare_servers = 100
pm.max_requests = 1000
```

4. Sesudah proses installasi ZendPHP sesuaikan parameter **php.ini** di ZendPHP

[Server FO & BO]

```
short_open_tag = On
expose_php = On
max_input_vars = 150000
memory_limit = 1024M
upload_max_filesize=2M
post_max_size=8M
```

[Server Scheduler]

```
short_open_tag = On
expose_php = On
memory_limit=1024M
upload_max_filesize=2M
post_max_size=8M
```

[Ngva Core]

```
short_open_tag = On
expose_php = On
memory_limit=1024M
upload_max_filesize=2M
post_max_size=8M
```

[Server IFGW & IFGW NGVA]

```
short_open_tag = On
expose_php = On
memory_limit=128M
upload_max_filesize=2M
post_max_size=8M
```

5. Sesudah proses installasi ZendPHP sesuaikan parameter di /etc/nginx/fastcgi-bsi.conf

```
fastcgi_pass unix:/var/opt/zend/php74zend/run/php-fpm/www.sock;
```