Installation Guide of XgenPlus

Visit www.xgenplus.com for more details

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Overview:

Xgen Plus is a most advanced mail server and web mail client which provides fast, secure and reliable emailing along with unified mailing service.

The objective of this document is to describe the required steps to install XgenPlus Mail Server. Before installing XgenPlus, user should ensure that the system fulfills all requirements of the software.

To know more about XgenPlus features and advantages, please logon to XgenPlus website: www.xgenplus.com

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Prerequisite and Initial Configuration

Component		
Processor	Quad core or Equivalent	
Hard Disk Space	50 GB	
Memory	8 GB	16 GB or More (for better performance)
Display	SVGA monitor (1024 by 768)	
Internet	Ethernet(100mbps)	

Installation Process

The software deployment process will start after successful installation of Linux (FULL INSTALL) and system should be connected to the internet.

First user should login as a **root** (which should have all the rights of the system administrator) in user machine then, follow the below steps:

INSTALLATION THROUGH TAR

1. Click here to download the **XgenPlus_setpup<version>final.tar.gz** setup.

   currently we are using **XgenPlus_setup26-final.tar.gz** setup.

2. After the download, Untar the file as mentioned below:

   Untar (**tar −zxvf XgenPlus_setup26-final.tar.gz**) the **XgenPlus_setup26-final.tar.gz** file in your current/home directory.

3. After completing the untar, a folder will create with name **XgenPlus_setup26_final**

4. Now, go to the folder **XgenPlus_setup26_final** by executing below command on prompt.

   `cd  XgenPlus_setup26_final`

5. **Installation of XgenPlus Mail Server**

To install XgenPlus Mail Server, user needs to execute below command:

`[root@server2 XgenPlus_setpup26-final]#  sh  Installer.sh`

Note: During installation of XgenPlus Mail Server, it will ask to enter **Organization Name, Address**, **IP address** of your Server and **domain name (user can input a domain of his choice)**

Please find below sample information which is required to fill:

Organization name: Enter your Organization name

Address: Enter your organization's address/location

IP Address: xxx.xx.xx.xx

Domain Name: soft.dil.in

If you have installed all the software correctly, it will give you the message of successful installation.

--XgenPlusMail Server Installation Completed--

After complete Installation open internet browser (Mozilla, Chrome, IE etc.) and type IP address which has provided during installation. User will get the Login Screen for XgenPlus.

User needs to enter following details:
Username: **admin@**(enter domain name you have given during XgenPlus Mail Sever Installation)
Pass: **Admin123** (by default, it may change later)

Un-Installation Process

If you wish to uninstall the XgenPlus Mail Server first go to the folder

XgenPlus_setup26_final by executing below command:

`cd  XgenPlus_setup26_final`

To Uninstall user need to execute below command

`[root@server2 XgenPlus_setpup26-final]#  sh uninstallxgenplus.sh`

This command will remove all the files (including database) related to the XgenPlus from the system.

To Check and Maintain the Server

You must be logged in as root on the Server.

POSTGRES START/STOP PROCESS

How to check Postgres is running or not

Execute this command of sequence on prompt

`[root@server2 XgenPlus_setpup26-final]#  ps –ef | grep postmaster`

It will give you a postmaster entry. See below

How to Start, Stop and Restart Postgres Database

Execute below commands of sequence on prompt

`[root@server2 XgenPlus_setpup26-final]#  /etc/init.d/postgresql-9.6  start`

`[root@server2 XgenPlus_setpup26-final]#  /etc/init.d/postgresql-9.6  stop`

`[root@server2 XgenPlus_setpup26-final]#  /etc/init.d/postgresql-9.6  restart`

XgenPlus Services

1. **HTTP/Web Services:** It is use to run XgenPlus Mail Server.

To run XgenPlus Web Service, execute below command:
[root@server2 XgenPlus_setpup26-final]# cd   /home/XgenPlus/tomcat8/bin/

> **For Start-**
> [root@server2 bin]#./startup.sh

> **For Stop**
> [root@server2 bin]#./shutdown.sh

2. **XgenPlus Incoming**: It is use to receive and send E-mail

To run XgenPlus Incoming Service, execute below command:
[root@server2 XgenPlus_setpup26-final]# cd   /home/XgenPlus/bin

For Start
> [root@server2bin]#./XgenInComing start

For Stop
> [root@server2bin]#./XgenInComing stop

For Restart
> [root@server2bin]#./XgenInComing restart

3. **SmtpOut:** It act as a mail transfer agent (MTA), it is use to send Email message between servers.

To run SMTPout Service, execute below command:
[root@server2 XgenPlus_setpup26-final]# cd /home/XgenPlus/bin

For Start
> [root@server2bin]#./SmtpOut start

For Stop
> [root@server2bin]#./SmtpOut stop

For Restart
> [root@server2bin]#./SmtpOut restart

4. **IMAP**: It is E-mail protocols. The Internet Message Access Protocol is an Application Layer Internet protocol that allows an e-mail client to access e-mail from a remote mailserver.

To run IMAP Service, execute below command:
[root@server2 XgenPlus_setpup26-final]#cd /home/XgenPlus/bin

For Start
[root@server2bin]#./Imap start

For Stop
[root@server2bin]#./Imap stop

For Restart
[root@server2bin]#./Imap restart

5. **POP:** (POP) is an application-layer Internet standard protocol used by local e-mail clients to retrieve e-mail from a remote server over a TCP/IP connection.

To run POP Service, execute below command:
[root@server2 XgenPlus_setpup26-final]#cd   /home/XgenPlus/bin

For Start
[root@server2bin]#./Pop start

For Stop
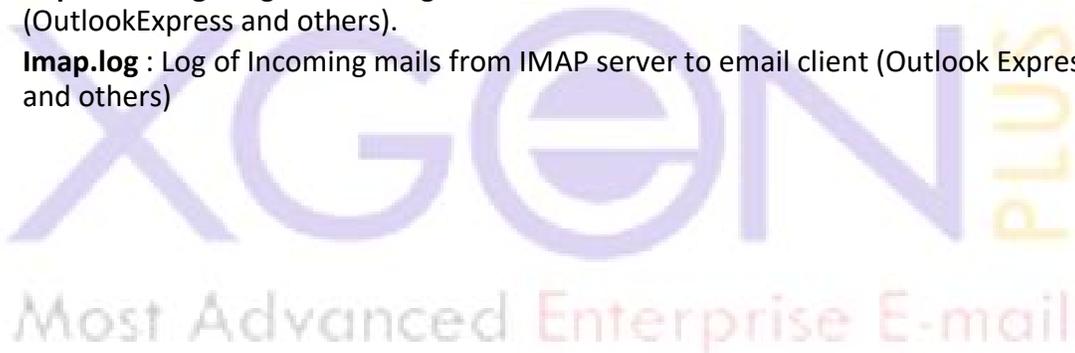[root@server2bin]#./Pop stop

For Restart
[root@server2bin]#./Pop restart

Log Details

Server Logs:

You can see all the logs related to XgenPlus in the following directory with the name of
/home/XgenPlus/log

- ➢ **XgenPlusIncoming.log:** Log of Incoming mails From outside.
- ➢ **XgenPlusMailProcessing.log :** Log of incoming processed by mail parsing thread.
- ➢ **XgenPlusOutgoing.log:** Log of Outgoing mail from XgenPlus web.
- ➢ - **XgenRetry.log:** Log of outgoing mails received by XgenPlus thread.
- ➢ **SmtOut.log:** Log of outgoing mails which sent by XgenPlus
- ➢ **SmtpOutForward.log** : Log of forwarding mails from Incoming SMTP server.
- ➢ **SmtpOutRetry.log** : Log of those mail which were not sent by outgoing
- ➢ **XgenPlusBounce.log :** Log of those mails which were not stored in user inbox.
- ➢ **SmtpOutBounce.log :** Log of those mail which were not sent by outgoing
- ➢ **PopServer.log** : Log of Incoming mails from POP server to email client (OutlookExpress and others).
- ➢ **Imap.log** : Log of Incoming mails from IMAP server to email client (Outlook Express and others)

Server Configuration File

See **/home/XgenPlus/config/** for details of parameters.

XgenPlusServerConfig.conf: Keeps database configuration details and maximum number of threads of XgenPlus services.

PopServerConfig.conf:- Keeps the database connection details and maximum number of thread of popserver

ImapServerConfig.conf:- Keeps the database connection details and maximum number of thread of Imap Server.

SmtpOutServerConfig.conf:- Keeps the database connection details maximum number of thread of Internal smtp.

HostAllowed.conf:- Keep the ip range from which you want to take mail from outside network.

SMTP Service setup for Delivery

/home/XgenPlus/etc/smtpserver
Read and setup the following files
WhiteListDomain.txt - It is use to bypass and authentication of domain.
WhiteListIp.txt - It is use to bypass and authentication of users..
BlackListIp.txt - Do not allow any mail from these network IP range.
Routing.txt - Do not check mx record and direct deliver to specific ip.

XgenPlus Utilities and Mobile App

1. Archive: It is use to archive E-mail, user and domain. It is systematic approach to protecting the data contained in server so it can be accessed quickly at a later date.

To run Archive Service, execute below command:
`[root@server2 XgenPlus_setpup26-final]#  cd /home/XgenPlus/bin`

For Start
`[root@server2bin]#./Archive start`

For Stop
`[root@server2bin]#./Archive stop`

For Restart   Type your text
`[root@server2bin]#./Archive restart`

2. Attachment Deletor: It is use to compress and delete the attachment.

To run Attachment Deletor Service, execute below command:
`[root@server2 XgenPlus_setpup26-final]#  cd  /home/XgenPlus/bin`

For Start
`[root@server2bin]#./AttachmentDeletor start`

For Stop
`[root@server2bin]#./AttachmentDeletor stop`

For Restart
`[root@server2bin]#./AttachmentDeletor restart`

3. XgenPlus Mail Count: It is used to update the total number of mail of the users.

To run XgenPlus mail count Service, execute below command:
`[root@server2 XgenPlus_setpup26-final]#  cd  /home/XgenPlus/bin`

For Start
`[root@server2bin]#./XgenPlusMailCount start`

For Stop
`[root@server2bin]#./XgenPlusMailCount stop`

For Restart
`[root@server2bin]#./XgenPlusMailCount restart`

4. Email Compressor: It is use to compress the Email.

To run Email Compressor Service, execute below command:
```
[root@server2 XgenPlus_setpup26-final]#  cd  /home/XgenPlus/bin
```

For Start
```
[root@server2bin]#./EmailCompressor start
```

For Stop
```
[root@server2bin]#./EmailCompressor stop
```

For Restart
```
[root@server2bin]#./EmailCompressor restart
```

5. Migration process: It is for Migration of Email or accounts from one Email server to another.

To run Migration processor Service, execute below command:
```
[root@server2 XgenPlus_setpup26-final]#  cd /home/XgenPlus/bin
```

For Start
```
[root@server2bin]#./MigrationPorcess start
```

For Stop
```
[root@server2bin]#./MigrationPorcess stop
```

For Restart
```
[root@server2bin]#./MigrationPorcess restart
```

6. Xgen Plus Admin App:

XgenPlus Admin mobile app has been designed for the admin and below are the features of admin app.
Admin can perform below operations:
➢ Manage Server Admin, Domain Admin, Billing Admin, User Level and Owner Level Controls along with easy management of multiple domains and users.
➢ limits, Authentication & Password policies for users on domain level
➢ Easily manage domain as well individual settings from admin panel.

App Download Link: Click here
To download reference document: Click here

7. Bharatsync Mobile App:

BharatSync Communicator mobile app is a powerful unified communication and mail client for Android. It is an app design for customer to manage their XgenPlus accounts using mobile phone.
Some of its features are:
One-to-one chat, Conferencing, SMS log backup, Call log backup etc. User can access the mail client by installing the app on their handset.

App Download Link: Click here

8. Xgen Plus Mobile App:

This XgenPlus Mail iOS App is powerful feature rich for emailing needs. It support easy config for email account along with full support of Read / Delivery notifications and IDN email configuration. Email address in English, Hindi, Gujrati, Tamil, Telgu, Pujabi, Urdu supported.

App Download Link: Click here
Reference Document: Click here to download

9. Contactsync Utility:

This utility is used to synchronize the contacts of XgenPlus with Outlook Email account.

Download Contactsync Utility: Click here

To download reference document: Click here