MODEL - A Deployment

Cloudflare DNS

Digital Ocean Server

AEN Mails

YETI Hosting
aenapply.com

Cloudflare DNS

Here we can
recommend to use
NPL Based Cloud
Server
(2G Package)

accessedu.net

Nepal Internet

Global Internet

Backup Copy

Public IP by
(ISP)

Firewall

Backup Copy

SERVR @ Kumaripati
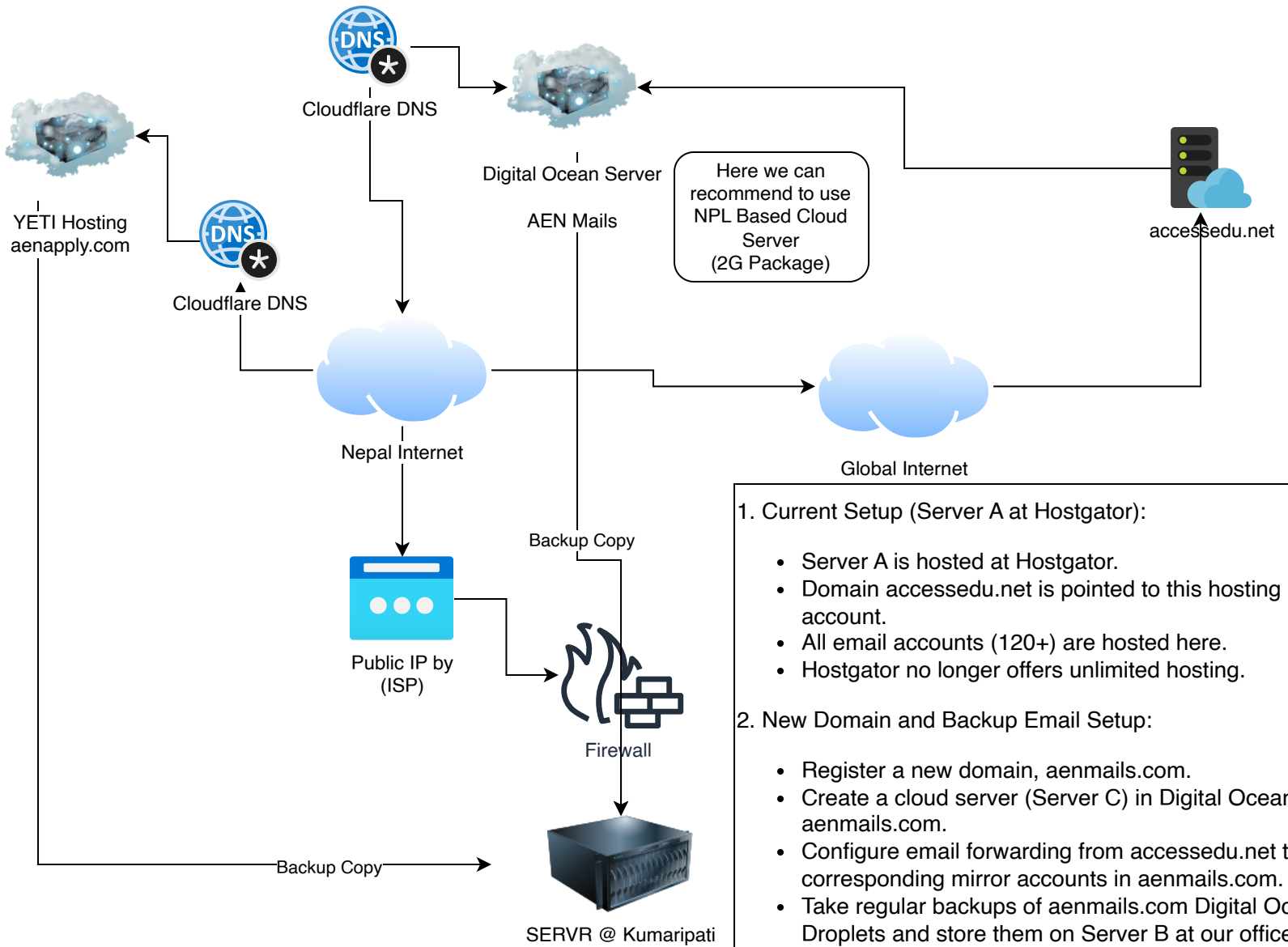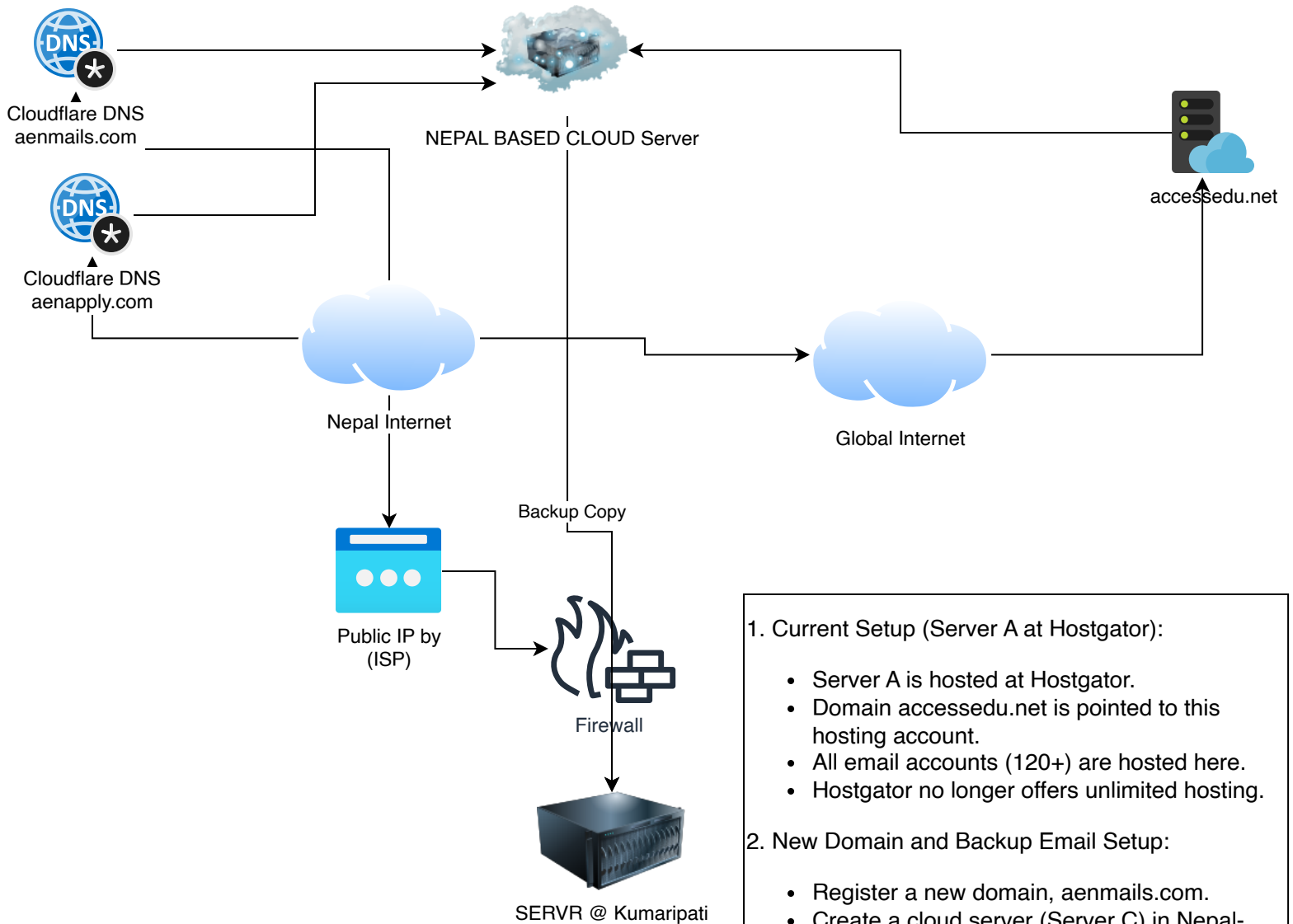
1. Current Setup (Server A at Hostgator):

- Server A is hosted at Hostgator.
- Domain accessedu.net is pointed to this hosting account.
- All email accounts (120+) are hosted here.
- Hostgator no longer offers unlimited hosting.

2. New Domain and Backup Email Setup:

- Register a new domain, aenmails.com.
- Create a cloud server (Server C) in Digital Ocean for aenmails.com.
- Configure email forwarding from accessedu.net to corresponding mirror accounts in aenmails.com.
- Take regular backups of aenmails.com Digital Ocean Droplets and store them on Server B at our office premise in Kumaripati Lalitpur.

3. New Cloud Server Deployment (Server D):

- Deploy a new cloud server (Server D) in a Nepal-based cloud service provider for the new B2B application portal.
- Ensure the cloud service provider is chosen based on its proximity to Nepal for minimal latency.
- Set up the new B2B application portal on Server D with necessary configurations and security measures.

4. Backup Strategy:

- Implement backup procedures for the new B2B application portal on Server D.
- Regularly back up the application data and configurations.
- Store backup copies on Server B at your office premise for redundancy and disaster recovery.

Costs of Operations (A)

1. aenapply.com Domain >> 2000
2. aenmails.com Domain >> 2000
3. accessedu.net Domain >> 2000
4. accessnepal.net Domain >> 2000
5. aenapply.com CS >> 96000
6. aenmails.com CS >> 36000
7. accessedu.net HG >> 96000
==============================
Total : 2,36,000

This is total Annual Cost

MODEL - B Deployment
(LITTLE BIT SLOWER FOR ABROAD BUT FASTER FOR NEPAL)

Cloudflare DNS
aenmails.com

Cloudflare DNS
aenapply.com

NEPAL BASED CLOUD Server

accessedu.net

Nepal Internet

Global Internet

Backup Copy

Public IP by
(ISP)

Firewall

SERVR @ Kumaripati

Costs of Operations (B)

1. aenapply.com Domain >> 2000
2. aenmails.com Domain >> 2000
3. accessedu.net Domain >> 2000
4. accessnepal.net Domain >> 2000
5. aenapply.com CS >> 96000
6. accessedu.net HG >> 96000
==============================
          Total : 2,00,000/-

This is total Annual Cost

1. Current Setup (Server A at Hostgator):

- Server A is hosted at Hostgator.
- Domain accessedu.net is pointed to this hosting account.
- All email accounts (120+) are hosted here.
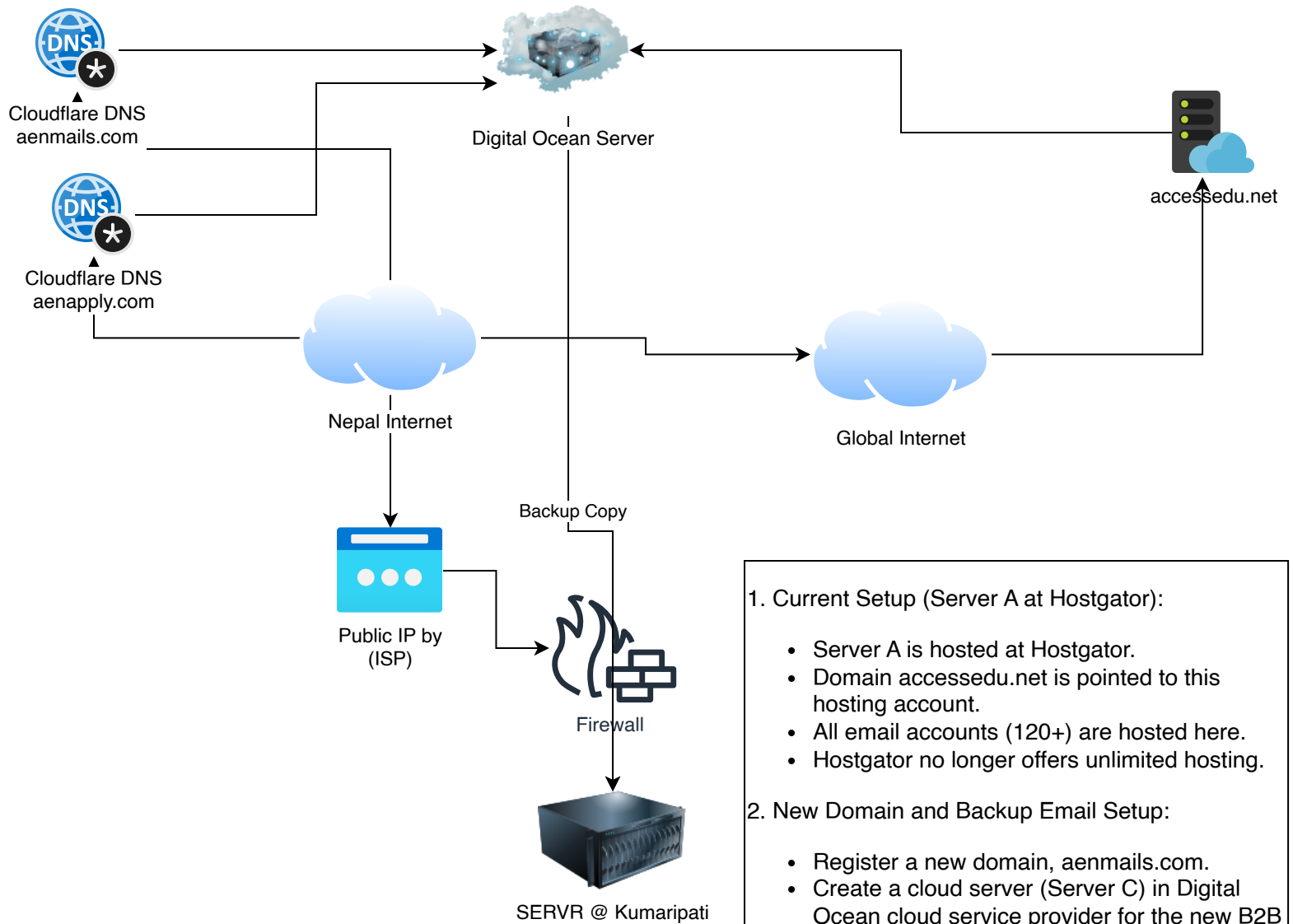- Hostgator no longer offers unlimited hosting.

2. New Domain and Backup Email Setup:

- Register a new domain, aenmails.com.
- Create a cloud server (Server C) in Nepal-based cloud service provider for the new B2B application portal.
- Choose the cloud service provider based on proximity to Nepal for minimal latency.
- Configure email forwarding from accessedu.net to corresponding mirror accounts in aenmails.com.
- Take regular backups of aenmails.com Digital Ocean Droplets and store them on Server B at your office premise in Kumaripati Lalitpur.
- Set up the new B2B application portal on Server C with necessary configurations and security measures.

3. Backup Strategy:

- Implement backup procedures for both aenmails.com and the new B2B application portal on Server C.
- Regularly back up the application data, configurations, and email data.
- Store backup copies on Server B at your office premise for redundancy and disaster recovery.

MODEL - C Deployment
(LITTLE BIT SLOWER FOR NEPAL BUT GOOD FOR ABROAD)

Cloudflare DNS
aenmails.com

Cloudflare DNS
aenapply.com

Digital Ocean Server

accessedu.net

Nepal Internet

Global Internet

Backup Copy

Public IP by
(ISP)

Firewall

SERVR @ Kumaripati

1. Current Setup (Server A at Hostgator):

- Server A is hosted at Hostgator.
- Domain accessedu.net is pointed to this hosting account.
- All email accounts (120+) are hosted here.
- Hostgator no longer offers unlimited hosting.
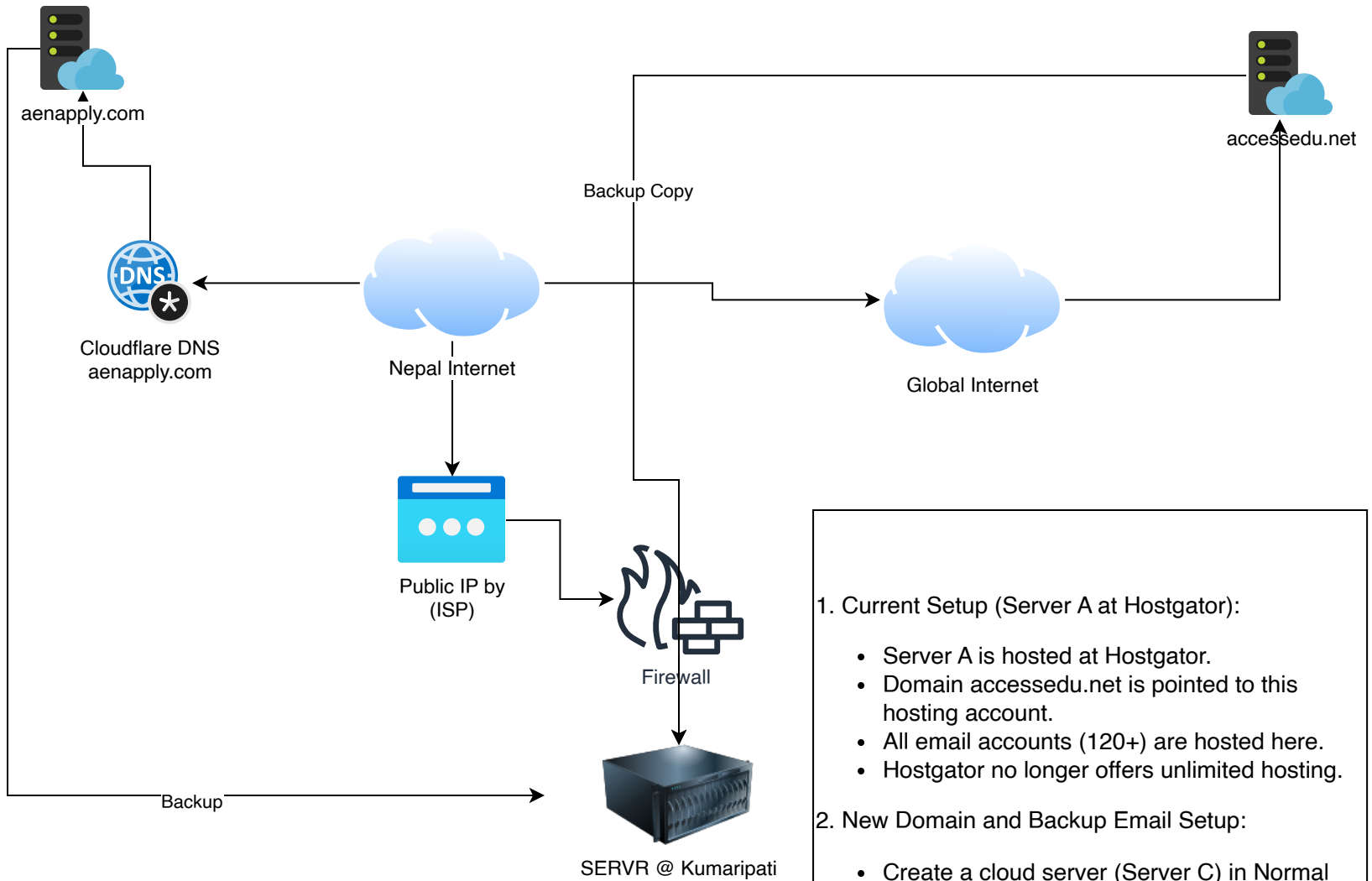
2. New Domain and Backup Email Setup:

- Register a new domain, aenmails.com.
- Create a cloud server (Server C) in Digital Ocean cloud service provider for the new B2B application portal.
- Configure email forwarding from accessedu.net to corresponding mirror accounts in aenmails.com.
- Take regular backups of aenmails.com Digital Ocean Droplets and store them on Server B at your office premise in Kumaripati Lalitpur.
- Set up the new B2B application portal on Server C with necessary configurations and security measures.

3. Backup Strategy:

- Implement backup procedures for both aenmails.com and the new B2B application portal on Server C.
- Regularly back up the application data, configurations, and email data.
- Store backup copies on Server B at your office premise for redundancy and disaster recovery.

Costs of Operations (A)

1. aenapply.com Domain >> 2000
2. aenmails.com Domain >> 2000
3. accessedu.net Domain >> 2000
4. accessnepal.net Domain >> 2000
5. aenapply.com DO >> 36000
6. accessedu.net HG >> 96000
==============================
            Total : 1,40,000/-

This is total Annual Cost

MODEL - D Deployment
(NORMAL)

aenapply.com

accessedu.net

Backup Copy

Cloudflare DNS
aenapply.com

Nepal Internet

Global Internet

Public IP by
(ISP)

Firewall

Backup

SERVR @ Kumaripati

Costs of Operations (D)

1. aenapply.com Domain >> 2000
2. accessedu.net Domain >> 2000
3. accessnepal.net Domain >> 2000
4. aenapply.com HG >> 48000
5. accessedu.net HG >> 48000
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                Total : 1,04,000/-

This is total Annual Cost

1. Current Setup (Server A at Hostgator):

- Server A is hosted at Hostgator.
- Domain accessedu.net is pointed to this hosting account.
- All email accounts (120+) are hosted here.
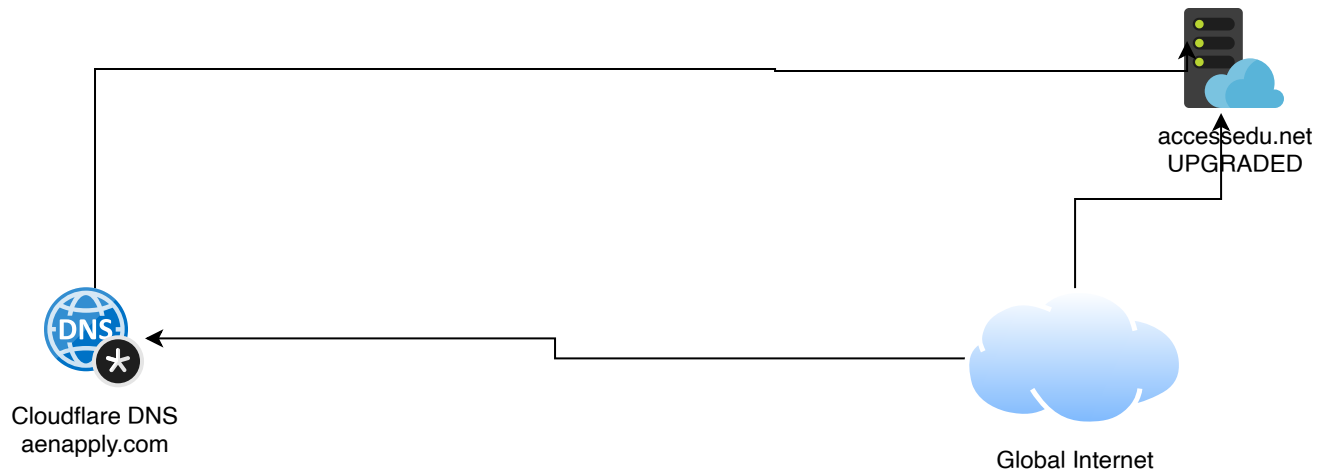- Hostgator no longer offers unlimited hosting.

2. New Domain and Backup Email Setup:

- Create a cloud server (Server C) in Normal hosing provider for the new B2B application portal.
- Take regular backups of accessedu.net emails and store them on Server B at your office premise in Kumaripati Lalitpur.
- Set up the new B2B application portal on Server C with necessary configurations and security measures.

3. Backup Strategy:

- Implement backup procedures for both accessedu.net and the new B2B application portal on Server C.
- Regularly back up the application data, configurations, and email data.
- Store backup copies on Server B at your office premise for redundancy and disaster recovery.

accessedu.net
UPGRADED

Cloudflare DNS
aenapply.com

Global Internet

Costs of Operations (E)

1. aenapply.com Domain >> 2000
2. accessedu.net Domain >> 2000
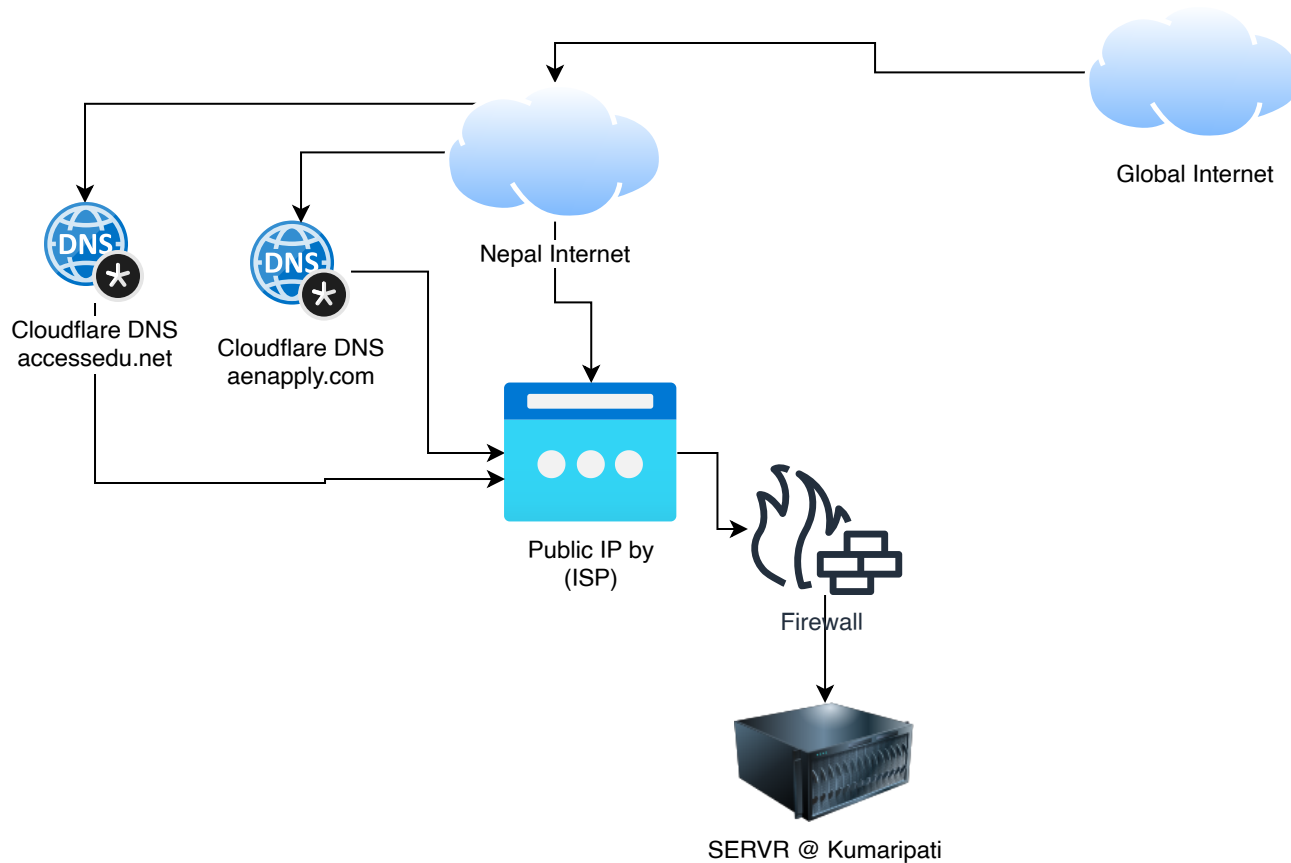3. accessnepal.net Domain >> 2000
4. accessedu.net HG >> 482000
==============================
                    Total : 4,88,000/-

This is total Annual Cost

1. Current Setup (Server A at Hostgator):

- Server A is hosted at Hostgator.
- Domain accessedu.net is pointed to this hosting account.
- All email accounts (120+) are hosted here.
- Hostgator no longer offers unlimited hosting.
- Upgrade HG to Dedicated Hosting with cPanel
- Set up the new B2B application portal on Server A with necessary configurations and security measures.

MODEL - E Deployment
(NORMAL - ONLY Local Server)

Global Internet

Nepal Internet

Cloudflare DNS
accessedu.net

Cloudflare DNS
aenapply.com

Public IP by
(ISP)

Firewall

SERVR @ Kumaripati

Costs of Operations (E)

1. aenapply.com Domain >> 2000
2. accessedu.net Domain >> 2000
3. accessnepal.net Domain >> 2000
4. cPanel Account >> 96000
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　　　　　　Total : 1,02,000/-

This is total Annual Cost

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1. Current Setup (Server Only at Kumaripati):

- Server A is hosted at Kumaripati.
- Domain accessedu.net is pointed to this hosting account.
- All email accounts (120+) are hosted here.
- Purchase cPanel for webmail access
- Set up the new B2B application portal on Server A with necessary configurations and security measures.