

INSTALASI PROXMOX

1. Pilih install proxmox VE

Proxmox VE 7.0 (iso release 2) - <https://www.proxmox.com/>



Welcome to Proxmox Virtual Environment

Install Proxmox VE

Install Proxmox VE (Debug mode)

Rescue Boot

Test memory (Legacy BIOS)

2. Pilih “I agree”

END USER LICENSE AGREEMENT (EULA)

END USER LICENSE AGREEMENT (EULA) FOR PROXMOX VIRTUAL ENVIRONMENT (PROXMOX VE)

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3. Pilih target Hardisk yang anda pakai untuk System Disk Proxmox. **Next**

Proxmox Virtual Environment (PVE)

The Proxmox Installer automatically partitions your hard disk. It installs all required packages and makes the system bootable from the hard disk. All existing partitions and data will be lost.

Press the Next button to continue the installation.

- **Please verify the installation target**
The displayed hard disk will be used for the installation.
Warning: All existing partitions and data will be lost.
- **Automatic hardware detection**
The installer automatically configures your hardware.
- **Graphical user interface**
Final configuration will be done on the graphical user interface, via a web browser.

Target Harddisk:

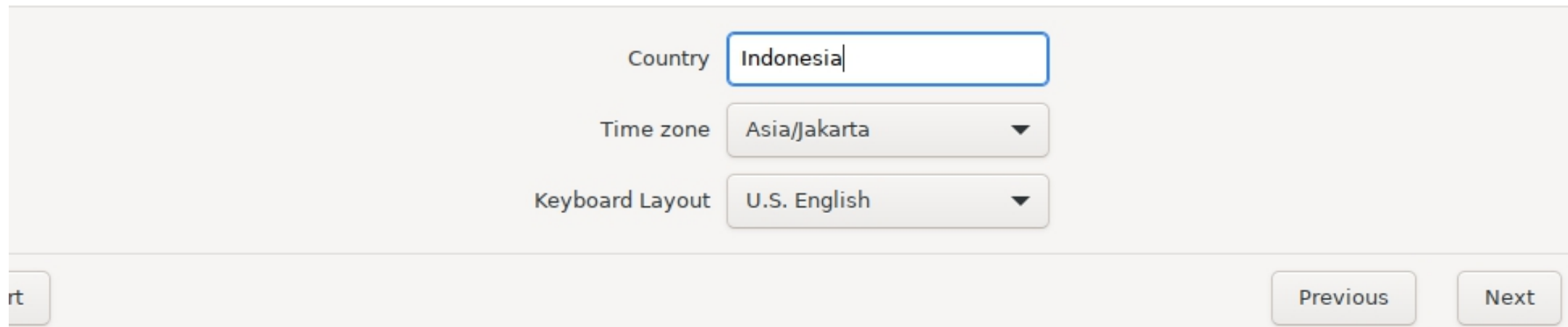
4. Pilih Country, sesuai negara kita., Indonesia. **Next**

Location and Time Zone selection

The Proxmox Installer automatically makes location-based optimizations, like choosing the nearest mirror to download files from. Also make sure to select the correct time zone and keyboard layout.

Press the Next button to continue the installation.

- **Country:** The selected country is used to choose nearby mirror servers. This will speed up downloads and make updates more reliable.
- **Time Zone:** Automatically adjust daylight saving time.
- **Keyboard Layout:** Choose your keyboard layout.



The screenshot shows the Proxmox Installer's location and time zone selection screen. It features three input fields: 'Country' with 'Indonesia' entered, 'Time zone' with 'Asia/Jakarta' selected from a dropdown, and 'Keyboard Layout' with 'U.S. English' selected from a dropdown. At the bottom, there are three buttons: 'Back' (partially visible as 'rt'), 'Previous', and 'Next'.

Country	Indonesia
Time zone	Asia/Jakarta ▼
Keyboard Layout	U.S. English ▼

rt Previous Next

5. Isi password root (123456), untuk login ke system administrator-nya dan admin email untuk administrator, (ganti .invalid misalnya dengan .net). **Next**

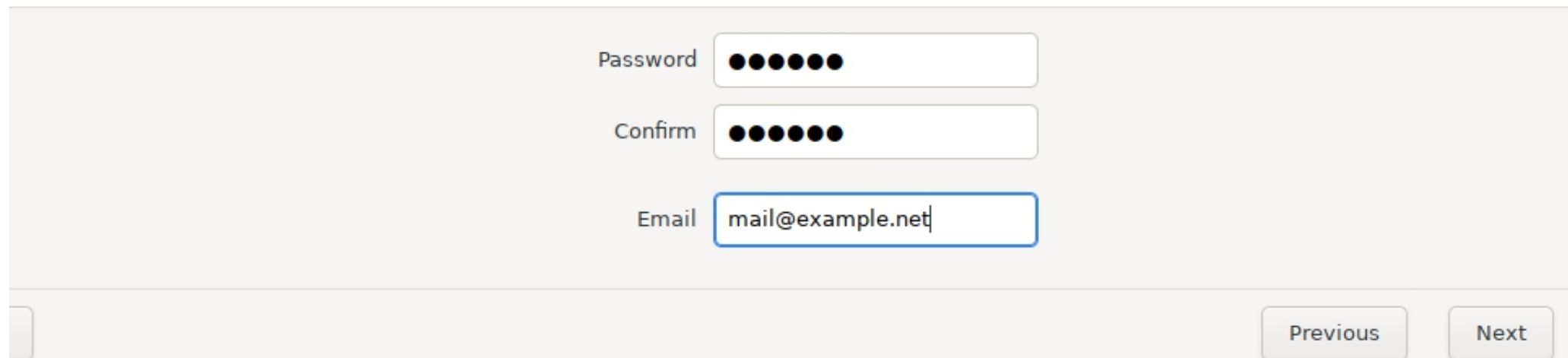
Administration Password and Email Address

Proxmox Virtual Environment is a full featured, highly secure GNU/Linux system, based on Debian.

In this step, please provide the *root* password.

- **Password:** Please use a strong password. It should be at least 8 characters long, and contain a combination of letters, numbers, and symbols.
- **Email:** Enter a valid email address. Your Proxmox VE server will send important alert notifications to this email account (such as backup failures, high availability events, etc.).

Press the Next button to continue the installation.



The screenshot shows the 'Administration Password and Email Address' step of the Proxmox VE installation. It features three input fields: 'Password' and 'Confirm' both containing six black dots, and 'Email' containing 'mail@example.net'. At the bottom right, there are 'Previous' and 'Next' buttons. The 'Next' button is highlighted with a blue border, indicating it is the active step.

Password	••••••
Confirm	••••••
Email	mail@example.net

Previous Next

6. Pilih interface yang anda gunakan untuk management proxmox-nya. Jangan lupa, isi hostname (FQDN), pastikan tidak konflik dengan hostname lain pada jaringan server system anda. **Next**

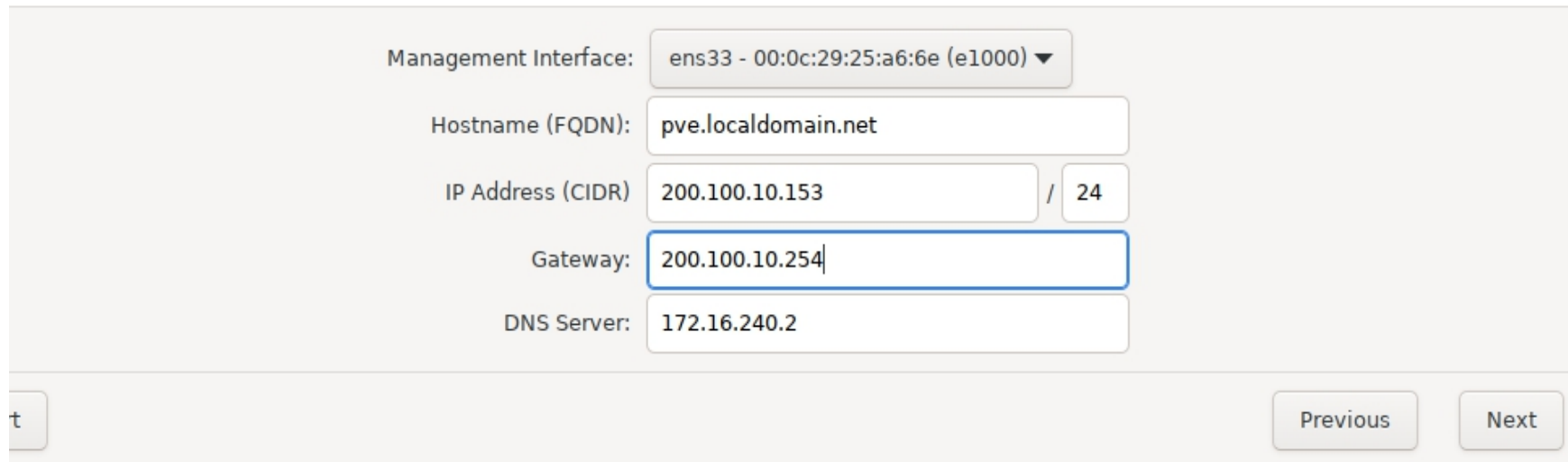
- FQDN : pve.localdomain.net
- P Address : 200.100.10.1XX
- gateway : 200.100..10.254
- DNS Server : Tidak perlu diubah

Management Network Configuration

Please verify the displayed network configuration. You will need a valid network configuration to access the management interface after installing.

After you have finished, press the Next button. You will be shown a list of the options that you chose during the previous steps.

- **IP address (CIDR):** Set the main IP address and netmask for your server in CIDR notation.
- **Gateway:** IP address of your gateway or firewall.
- **DNS Server:** IP address of your DNS server.



The screenshot shows the 'Management Network Configuration' screen from the Proxmox VE installer. It features several input fields for network settings. The 'Management Interface' is a dropdown menu showing 'ens33 - 00:0c:29:25:a6:6e (e1000)'. The 'Hostname (FQDN)' field contains 'pve.localdomain.net'. The 'IP Address (CIDR)' field is split into two parts: '200.100.10.153' and '24'. The 'Gateway' field contains '200.100.10.254' and is highlighted with a blue border. The 'DNS Server' field contains '172.16.240.2'. At the bottom right, there are 'Previous' and 'Next' buttons. A small 't' button is visible on the bottom left.

Management Interface:	ens33 - 00:0c:29:25:a6:6e (e1000) ▼
Hostname (FQDN):	pve.localdomain.net
IP Address (CIDR)	200.100.10.153 / 24
Gateway:	200.100.10.254
DNS Server:	172.16.240.2

t

Previous Next

7. Berikutnya adalah menampilkan hasil konfigurasi yang telah kita lakukan, jika tidak ada yang perlu diubah langsung pilih **Install**

Summary

Please confirm the displayed information. Once you press the **Install** button, the installer will begin to partition your drive(s) and extract the required files.

Option	Value
Filesystem:	ext4
Disk(s):	/dev/sda
Country:	Indonesia
Timezone:	Asia/Jakarta
Keymap:	en-us
Email:	mail@example.net
Management Interface:	ens33
Hostname:	pve
IP CIDR:	200.100.10.153/24
Gateway:	200.100.10.254
DNS:	172.16.240.2

☒ Automatically reboot after successful installation

ort

Previous

Install

8. Tunggu proses instalasinya sampai selesai

Virtualize your IT Infrastructure

Proxmox VE is ready for enterprise deployments.

The role based permission management combined with the integration of multiple external authentication sources is the base for a secure and stable environment.

Visit **www.proxmox.com** for more information about commercial support subscriptions.

- **Commitment to Free Software**
The source code is released under the GNU Affero General Public License.
- **RESTful web API**
Resource-oriented architecture (ROA) and declarative API definition using JSON Schema enable easy integration for third party management tools.
- **Virtual Appliances**
Pre-installed applications - up and running within a few seconds.

configuring base system

50%

A horizontal progress bar with a blue segment on the left representing 50% completion and a grey segment on the right representing the remaining 50%.

Install

9. Setelah selesai booting up, berikut tampilan console cli-nya.

```
-----  
Welcome to the Proxmox Virtual Environment. Please use your web browser to  
configure this server - connect to:  
  
https://200.100.10.153:8006/  
  
-----  
  
pve login:
```

10. Silahkan login dengan “root” dan password saat instalasi sebelumnya (123456).

```
-----  
Welcome to the Proxmox Virtual Environment. Please use your web browser to  
configure this server - connect to:
```

```
https://200.100.10.153:8006/  
-----
```

```
pve login: root
```

```
Password:
```

```
Linux pve 5.11.22-4-pve #1 SMP PVE 5.11.22-8 (Fri, 27 Aug 2021 11:51:34 +0200) x86_64
```

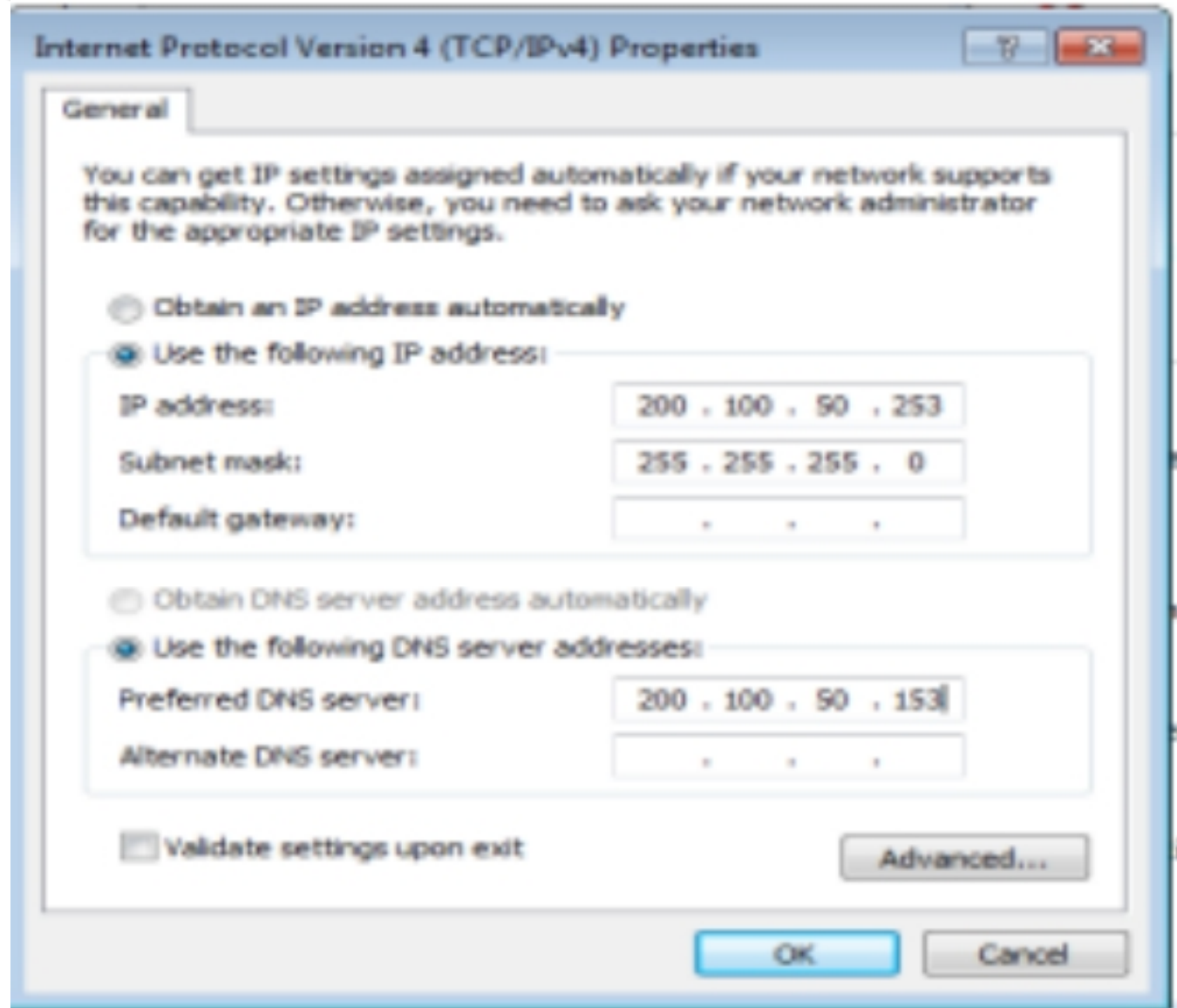
```
The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.
```

```
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.
```

```
Last login: Mon Sep 19 03:31:12 WIB 2022 on tty1
```

```
root@pve:~#
```

11. Setelah selesai reboot ubah IP Address PC Asli / PC Client seperti pada gambar dibawah ini : (Perhatian: pada oktet ke tiga 50 diganti 10, 53 diganti dengan no urut masing-masing)



12. Cek koneksi dari PC Client ke Proxmox, dengan ping 200.100.10.1XX

Command Prompt

```
Microsoft Windows [Version 6.1.7601]  
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
```

```
C:\Users\IEUser>ping 200.100.50.153
```

```
Pinging 200.100.50.153 with 32 bytes of data:
```

```
Reply from 200.100.50.153: bytes=32 time<1ms TTL=64
```

```
Reply from 200.100.50.153: bytes=32 time<1ms TTL=64
```

```
Reply from 200.100.50.153: bytes=32 time<1ms TTL=64
```

```
Reply from 200.100.50.153: bytes=32 time<1ms TTL=64
```

```
Ping statistics for 200.100.50.153:
```

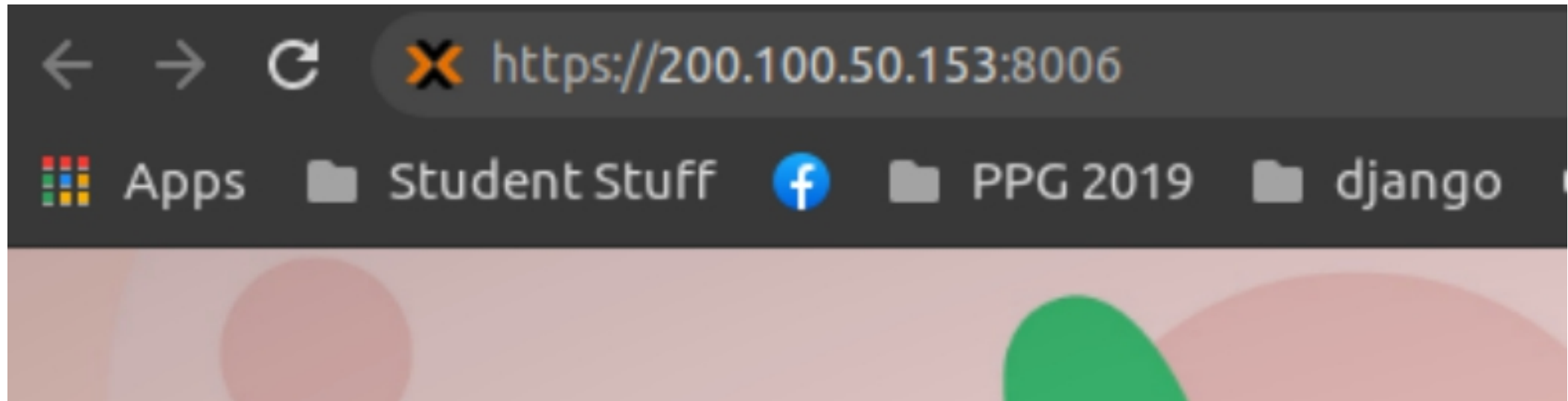
```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

```
Approximate round trip times in milli-seconds:
```

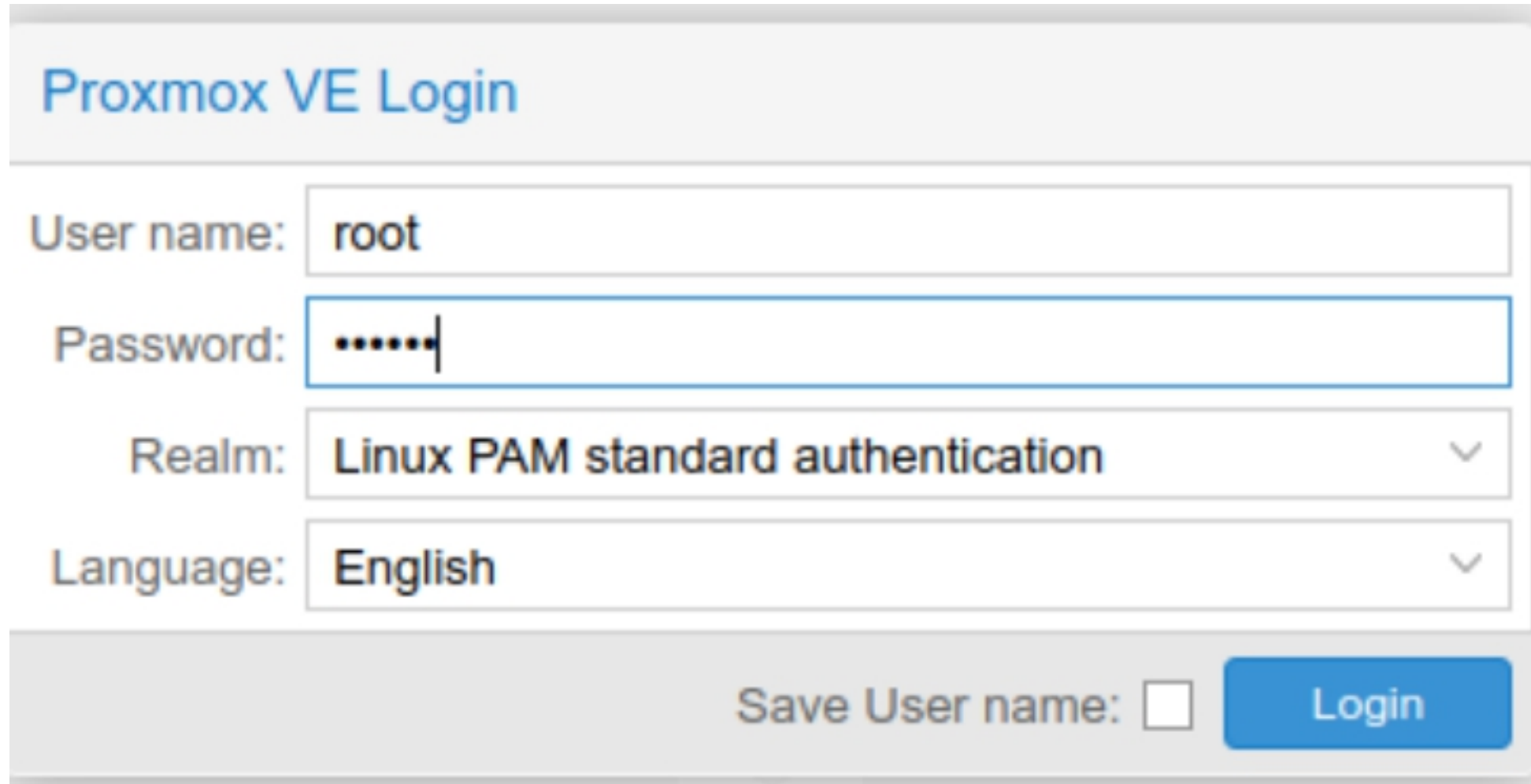
```
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\Users\IEUser>
```

13. Buka web browser kemudian ketik dari kolom URL `https://200.100.50.1XX:8006`, dimana XX adalah nomor urut. Dalam contoh di bawah XX nya 53



14. Setelah masuk halaman web isi user name dengan **root**, passwordnya **123456**, kemudian klik login



The image shows the Proxmox VE Login interface. It has a light gray header with the title 'Proxmox VE Login' in blue. Below the header are four input fields: 'User name' with the text 'root', 'Password' with masked characters '.....', 'Realm' with a dropdown menu showing 'Linux PAM standard authentication', and 'Language' with a dropdown menu showing 'English'. At the bottom, there is a checkbox labeled 'Save User name' and a blue 'Login' button.

Proxmox VE Login

User name: root

Password:

Realm: Linux PAM standard authentication

Language: English

Save User name: ☐ Login

15. Apabila login sudah benar, selanjutnya akan diarahkan menuju halaman utama Proxmox

PROXMOX Virtual Environment 6.0-4 [Documentation](#) [Create VM](#) [Create CT](#) root@pam

Server View ▼

Datacenter

▼ Datacenter

▶ 🟢 pve

Datacenter

🔍 Search

📄 Summary

📁 Cluster

🔗 Ceph

⚙️ Options

💾 Storage

📁 Backup

🔄 Replication

🔒 Permissions

⋮

Type ↑	Description	Disk usage...	Memory us...	CPU usage	Uptime
🟢 node	pve	12.4 %	20.9 %	2.0% of 1C...	00:10:57
💾 storage	local (pve)	12.4 %			-
💾 storage	local-lvm (pve)	0.0 %			-

Tasks Cluster log

Start Time ↓	End Time	Node	User name	Description	Status
Nov 08 00:32:22	Nov 08 00:32:22	pve	root@pam	Start all VMs and Containers	OK
Nov 08 00:31:34	Nov 08 00:31:34	pve	root@pam	Stop all VMs and Containers	OK
Nov 07 23:41:57	Nov 07 23:43:03	pve	root@pam	Update package database	OK
Nov 07 23:41:24	Nov 07 23:41:24	pve	root@pam	Start all VMs and Containers	OK
Oct 16 00:01:45	Oct 16 00:01:45	pve	root@pam	Stop all VMs and Containers	OK