Vidhya
SKILL SCHOOL

Day 19

DevOps with AWS Engineering

NGinx Day 1

Ghar ho ya Server, security zaruri h & safayi zaruri hai

#75DaysOfDevOps

💡 Thought of the day

यत भावो-तत भवति। - Jesa sochoge, wesa ban jaoge

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Aaj ka **Kahani** 😄

Apni seat belts kriypya badh lijiye
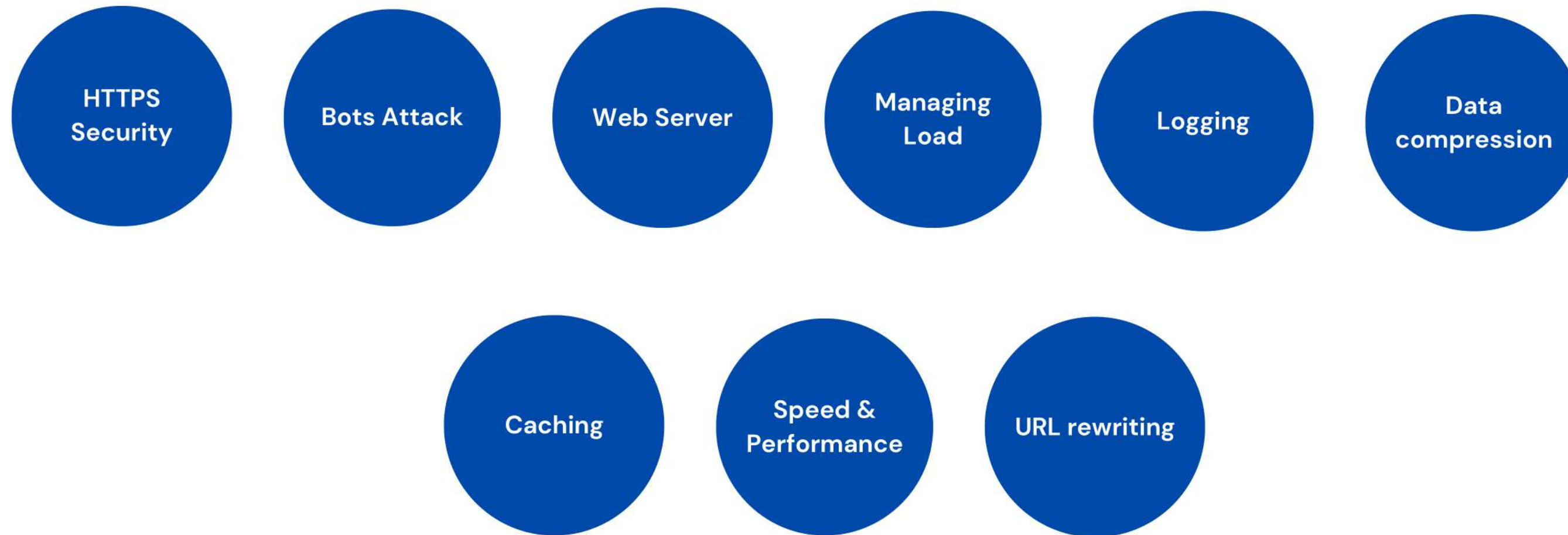
Problem Statement

HTTPS Security

Bots Attack

Web Server

Managing Load

Logging

Data compression

Caching

Speed & Performance

URL rewriting

One Solution NGINX®

- HTTS Security
- Bots Attack
- Web Server
- Managing Load
- Logging
- Data compression
- Caching
- Speed & Performance
- URL rewriting

One Solution

Feature	Nginx	Apache	Microsoft IIS	LiteSpeed
Performance	High	Moderate	Moderate	High
Scalability	High	Moderate	Moderate	High
Flexibility	High	High	Low	Moderate
Ease of Configuration	High	High	Moderate	High
Cost	Free	Free	Paid	Paid
Community Support	High	High	Moderate	Moderate

Installation & Configure

Setup

1 **sudo apt update**
To get latest metadata

2 **sudo apt upgrade**
To update latest packages

3 **sudo apt install nginx**
Install nginx latest version

NGinx Service

1 **sudo systemctl status nginx**
To check the current status

2 **sudo systemctl start nginx**
To start nginx service

3 **sudo systemctl stop nginx**
To stop nginx service

4 **sudo systemctl restart nginx**
To restart nginx service

5 **sudo systemctl reload nginx**
To reload nginx service

NGinx Startup

1 **sudo systemctl enable nginx**
To add nginx to startup

2 **sudo systemctl disable nginx**
To remove nginx from startup