DevOpsSchool

Course curriculum · November 2026

LEVEL 02 OF 04 · ESSENTIAL

Cloudflare Essential Training

Tune DNS, caching, Argo Smart Routing and load balancing to accelerate dynamic and static content and measure the improvement.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **2 days · Days 1-2**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

Foundation	Essential	Intermediate	Advanced
1 day · Included	2 days · This curriculum	3 days · Next step	5 days · Later

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	26 topics · Foundation to Essential
Hands-on labs	2 labs
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/cloudflare/cloudflare-essential-training.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

OUTCOMES

What you will achieve

By the end of the Cloudflare course path, you will be able to:

1

Accelerate web delivery

Configure DNS, CDN caching, Argo and load balancing to make applications faster and more resilient.

2

Protect apps and APIs

Apply DDoS protection, WAF, bot management, API Shield and TLS controls against modern threats.

3

Build on the edge

Deploy Zero Trust access and serverless apps on Workers, R2 and D1 with enterprise logging and compliance.

WHAT THE ESSENTIAL LEVEL ADDS

DNS, CDN tuning, Argo and load balancing

Hands-on: Accelerate and fail over an application. Tune caching for static and dynamic paths, enable Argo, and configure a load balancer that fails over between two origins with health checks.

WHO SHOULD ATTEND

- Learners who know the basics of Cloudflare and want to use it confidently every day.
- Professionals taking over Cloudflare work on a live project.
- Teams agreeing on a common way of working with Cloudflare.

BEFORE YOU START

- The Foundation level, or equivalent hands-on experience.
- You can already: Onboard a domain to Cloudflare, proxy traffic through the CDN and enable core performance, SSL/TLS, WAF and rate limiting features.
- Basic computer skills and a laptop with a stable internet connection for the live sessions and labs.
- This curriculum includes every earlier level, so it is complete on its own.

AGENDA · FOUNDATION TO ESSENTIAL

Cloudflare Essential Training agenda

26 topics. Each level builds on the one before it, so this curriculum lists every earlier level in full. Days are for corporate (day-wise) delivery; live online batches cover the same agenda in max 8-10 hours.

DAY 1 — Foundation: Edge network, DNS, CDN and security basics

Included from Foundation

1. Getting started: Cloudflare platform, global edge network and how it differs from traditional CDNs and firewalls
2. Onboarding: signing up, connecting a domain by changing nameservers and a Cloudflare dashboard tour
3. Core network services: authoritative DNS, DNSSEC, security and speed
4. CDN and routing: content caching, delivery acceleration and an Argo Smart Routing overview
5. Lab: add DNS records, enable proxy mode (orange cloud) and validate traffic through Cloudflare's CDN
6. Performance and optimization: Cache Rules for edge cache control, Polish and Mirage image optimization
7. Front-end speed: Rocket Loader for JavaScript and Automatic Platform Optimization (APO) for WordPress
8. Lab: configure a page rule for caching and enable image optimization
9. Security foundations: multi-layer DDoS protection at network, protocol and application layers
10. Web protection: WAF basics against OWASP Top 10, SSL/TLS certificates, HTTPS rewrites, HSTS and rate limiting
11. Lab: enable SSL/TLS Full (strict), configure WAF managed rules and add a basic rate limiting rule
12. Introduction to Zero Trust: why it matters, Cloudflare One (ZTNA, SWG, CASB, DLP) and replacing a VPN
13. Analytics and monitoring: real-time traffic, security and performance dashboards, Logpush and bot analytics

DAY 2 — Essential: DNS, CDN tuning, Argo and load balancing

New at this level

14. Platform use cases: Cloudflare as a security plus performance platform and why organizations adopt it
15. CDN basics: caching, edge delivery, latency reduction, origin offload and the role of DNS in acceleration
16. DNS deep dive: the 1.1.1.1 resolver versus authoritative DNS, DNSSEC, query performance and rate limiting
17. Lab: migrate a domain to Cloudflare DNS and enable DNSSEC
18. Hands-on CDN: configuring DNS and proxy, setting caching rules, testing delivery and measuring improvements
19. Cache behavior: Cache-Control headers, cache everything versus bypass, edge TTL versus browser TTL
20. Advanced CDN features: tiered caching, cache keys and Cache Rules
21. CDN tuning: page rules and their Rules replacements for caching, redirects and edge TTL; testing with dev tools
22. Demo: serving static and dynamic content with optimal caching; real-world CDN use cases and challenges
23. Argo Smart Routing: intelligent routing over Cloudflare's backbone and measuring latency gains (lab)
24. Load balancing: global versus DNS load balancing, health checks and geo-steering
25. Lab: deploy load balancing with failover between two origins
26. Network-level outcomes: how Cloudflare accelerates and secures traffic; key learnings from CDN modules

PRACTICE

Hands-on labs

You build these yourself during the course, guided by the trainer.

FOUNDATION

Put a website behind Cloudflare

Move a domain to Cloudflare, proxy it through the CDN, enforce Full (strict) TLS, enable WAF managed rules and verify the results in analytics.

ESSENTIAL

Accelerate and fail over an application

Tune caching for static and dynamic paths, enable Argo, and configure a load balancer that fails over between two origins with health checks.

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	All four Cloudflare levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	2 days for this level	A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative).	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on labs and assignments at every level. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR CLOUDFLARE TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All levels of this course: www.devopsschool.com/courses/cloudflare/

ENROL OR RESERVE A SEAT
Cloudflare Essential Training

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Next step after this level: Cloudflare Intermediate Training - Defend applications and APIs with Cloudflare DDoS protection, WAF custom rules, bot management, API Shield and strict TLS.