DevOpsSchool

Course curriculum · November 2026

LEVEL 03 OF 04 · INTERMEDIATE

Team Build 2022 Intermediate Training

Design multi-stage YAML and release pipelines with approvals, containers, secure connections and quality gates.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **3 days · Days 1-3**	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 · Included	3 days · This curriculum	5 days · Next step

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	33 topics · Foundation to Intermediate
Hands-on labs	3 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/teamfoundationserver/team-build-2022-intermediate-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 Team Build 2022 course path, you will be able to:

1

Automate builds on-premises

Run reliable classic and YAML build pipelines on Azure DevOps Server 2022 with self-hosted agents.

2

Deliver with quality gates

Validate pull requests, publish artifacts and deploy through approved multi-stage pipelines.

3

Govern and modernise builds

Scale agents, secure pipelines and migrate legacy TFS builds with confidence.

WHAT THE INTERMEDIATE LEVEL ADDS

Multi-stage YAML, releases, containers and security

Hands-on: Multi-stage pipeline with approvals. Convert a classic build to a multi-stage YAML pipeline that builds a container image, runs SonarQube checks and deploys to test and production environments with approvals.

WHO SHOULD ATTEND

- Regular Team Build 2022 users who want to automate, integrate and manage it at a deeper level.
- Specialists who support Team Build 2022 for colleagues or customers.
- Leads preparing Team Build 2022 for wider use across projects.

BEFORE YOU START

- The Essential level, or equivalent hands-on experience.
- You can already: Build, test and package applications on every change with triggers, variables, policies and published artifacts.
- 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 INTERMEDIATE

Team Build 2022 Intermediate Training agenda

33 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: Azure DevOps Server builds, agents and first pipelines

Included from Foundation

1. Build automation basics: why automate builds and how CI fits into Azure DevOps Server
2. Azure DevOps Server 2022: the on-premises successor to Team Foundation Server and its services
3. Architecture: application tier, SQL Server data tier, project collections and projects
4. Pipelines overview: classic build pipelines vs YAML pipelines and where Team Build fits today
5. Agents and agent pools: self-hosted agents, collection pools, project queues and agent capabilities
6. Installing a build agent: downloading the agent, config.cmd or config.sh, PAT authentication, running as a service
7. Source control options: Git repositories and TFVC and connecting a pipeline to a repository
8. First classic pipeline: build a .NET solution with the .NET Core or Visual Studio Build tasks
9. First YAML pipeline: azure-pipelines.yml with trigger, pool and steps
10. Build results: logs, the Tests tab, published artifacts and status badges

DAY 2 — Essential: Tasks, triggers, variables, tests and artifacts

Included from Essential

11. Build tasks: .NET, MSBuild, Visual Studio Test, NuGet, npm, Maven and command-line tasks
12. Triggers: CI triggers with branch and path filters, scheduled builds and pipeline completion triggers
13. Pull request validation: Git branch policies with build validation and TFVC gated check-in
14. Variables: pipeline, predefined and secret variables and variable groups in the Library
15. Build numbering: build number formats and stamping assembly versions
16. Artifacts: publishing and downloading pipeline artifacts and file share drops
17. Testing in builds: running unit tests, publishing test results and code coverage
18. Packages: Azure Artifacts feeds, upstream sources and publishing NuGet and npm packages
19. Demands and capabilities: routing builds to agents that have the right tools
20. Retention policies: run retention, retained builds and cleaning agent workspaces
21. Notifications: build completion alerts, subscriptions and dashboards with build widgets

DAY 3 — Intermediate: Multi-stage YAML, releases, containers and security

New at this level

22. YAML in depth: stages, jobs, steps, conditions, dependsOn and runtime expressions
23. YAML reuse: step, job and stage includes with parameters and extends for enforced pipeline structure
24. Multi-configuration and parallel builds: matrix strategies and parallel jobs
25. Container builds: building and pushing Docker images to a private registry
26. Release pipelines: classic releases, stages, deployment groups and pre-deployment approvals
27. Environments: YAML deployment jobs, approvals and checks
28. Service connections: Azure, Kubernetes, Docker registry and generic endpoints with scoped access
29. Secure files and secrets: certificates, signing keys and Key Vault-linked variable groups
30. Pipeline security: permissions, protected resources, pipeline authorisation and pool security

31. Code quality gates: SonarQube analysis and quality gate checks in pipelines
32. Troubleshooting builds: system.debug logs, agent diagnostics and common failure causes
33. Converting classic pipelines: exporting classic definitions to YAML step by step

PRACTICE

Hands-on labs

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

FOUNDATION

Agent setup and first builds

Register a self-hosted Windows agent with Azure DevOps Server 2022 and build the same .NET solution with a classic pipeline and a YAML pipeline.

ESSENTIAL

Validated pull request builds

Add a branch policy that runs a build with unit tests and coverage on every pull request and publishes versioned NuGet packages to an Azure Artifacts feed.

INTERMEDIATE

Multi-stage pipeline with approvals

Convert a classic build to a multi-stage YAML pipeline that builds a container image, runs SonarQube checks and deploys to test and production environments with approvals.

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 Team Build 2022 levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	3 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 TEAM BUILD 2022 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/teamfoundationserver/

ENROL OR RESERVE A SEAT
Team Build 2022 Intermediate Training

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Next step after this level: Team Build 2022 Advanced Training - Scale and govern Azure DevOps Server build infrastructure and plan upgrades and migrations from older TFS builds.