DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Team Foundation Server 2015 Advanced Training

Upgrade, extend, integrate and administer TFS 2015 and plan its move to a supported Azure DevOps platform.

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

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	47 topics · Foundation to Advanced
Hands-on labs	4 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-foundation-server-2015-advance-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 Foundation Server 2015 course path, you will be able to:

1

Plan work with agility

Run backlogs, Kanban boards, sprints and dashboards for real teams in TFS 2015.

2

Build and test continuously

Use Git policies, pull requests, the new build system and test plans to ship with quality.

3

Administer and extend TFS

Upgrade, secure, back up, extend and integrate TFS and plan its modernisation.

WHAT THE ADVANCED LEVEL ADDS

Upgrades, extensions, APIs and administration

Hands-on: Extend and integrate TFS. Install and build a simple extension, wire a service hook to a chat channel and script a work item report through the REST API, then rehearse a backup and restore.

WHO SHOULD ATTEND

- Experienced Team Foundation Server 2015 practitioners responsible for quality, security and scale.
- Senior engineers, architects and leads who design and troubleshoot Team Foundation Server 2015 solutions.
- Teams making Team Foundation Server 2015 an organisation-wide standard.

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Use Git branch policies and pull requests, build with the TFS 2015 build system and manage manual and exploratory testing.
- 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 ADVANCED

Team Foundation Server 2015 Advanced Training agenda

47 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: TFS 2015 overview, features and installation

Included from Foundation

1. Introduction to TFS 2015: ALM capabilities, architecture and on-premises deployment
2. Understanding the feature path from TFS 2013: overview and the TFS 2013 update timeline
3. Agile tools: backlogs, boards and sprints at a glance
4. Git in TFS: Git improvements, Git CodeLens and pull requests
5. Testing features: test hub and test plan improvements at a glance
6. Installing and configuring TFS 2015: install options (basic, standard, advanced) and prerequisites
7. SQL Server and accounts: data tier requirements and service accounts
8. Web access tour: projects, teams and the Code, Work, Build and Test hubs
9. Team projects and collections: creating a project and choosing the Agile, Scrum or CMMI process
10. First work items: user stories, tasks and bugs

DAY 2 — Essential: Kanban, backlogs, sprints and dashboards

Included from Essential

11. Portfolio management: epics, features and backlog levels
12. Product backlog: ordering, sizing and forecasting
13. Kanban board: columns, WIP limits, split columns and definition of done
14. Kanban swimlanes: lanes for expedited work and working with tasks on cards
15. Customisations: the cumulative flow diagram, working days and bugs on the backlog
16. Productivity: reusable pre-filled work items and quick search
17. Sprint planning: capacity planning, sprint planning and sprint progress with burndown
18. Tracking work: queries, charts and alerts
19. Dashboards: creating and working with team dashboards and widgets
20. Teams, areas and iterations: team settings, area paths and iteration paths
21. Project rename: renaming a team project and its impact on clients

DAY 3 — Intermediate: Git workflows, new build system and testing

Included from Intermediate

22. Version control enhancements: Git branching enhancements and working with Git branches
23. Git rebase: rebasing vs merging with a rebase demo
24. Git branch policies: configuring policies, creating a pull request and resolving branch policy issues
25. Quick code edit: editing code directly in the web portal
26. Building software: the new build system, configuring a build agent and build capabilities
27. Build definitions: creating a definition, running a build and viewing results
28. Build customisation: build steps, test results, multiple configurations and parallel builds
29. Build triggers and demands: continuous integration and pull request builds, capabilities and demands
30. Build definition history: comparing changes and reusable starting definitions for new builds

31. Testing software: Test hub, test plans, test suites and test cases including the grid view
32. Reusing test steps: shared steps, test parameters and shared parameters
33. Running tests: the test runner, test run analysis and exporting test plans
34. Exploratory testing extension: installing it and reviewing exploratory testing results
35. Kanban integration: creating test cases from the Kanban board

DAYS 4-5 **Advanced: Upgrades, extensions, APIs and administration** — **New at this level**

36. Upgrading to TFS 2015: the TFS pre-upgrade tool, pre-upgrade process and upgrading TFS 2013 to 2015 Update 2
37. Verifying the upgrade: post-upgrade checks, collection status and enabling new features
38. Integrating with TFS 2015: Marketplace, installing, working with and managing extensions
39. Creating extensions: the extension manifest and creating, packaging and installing an extension
40. TFS 2015 API: REST API authentication and querying work items and builds programmatically
41. Service hooks: integrating with chat, CI and other services on TFS events
42. Administration: collection and project permissions, groups and security practices
43. Backup and restore: scheduled backups, restoring collections and disaster recovery
44. Process customisation: changing work item types with witadmin and the XML process model
45. Release Management in TFS 2015 Update 2: web-based release definitions and environments
46. Modernisation: planning the upgrade to Azure DevOps Server or migration to Azure DevOps Services
47. Capstone: an end-to-end ALM flow from backlog to pull request, build, test and release

PRACTICE

Hands-on labs

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

FOUNDATION

Install TFS and create a project

Install TFS 2015 with SQL Server, create a project collection and a Git-based team project and add the first user stories and tasks.

ESSENTIAL

Run a sprint in TFS

Break epics into features and stories, configure Kanban columns and swimlanes, plan a sprint with capacity and publish a team dashboard with charts.

INTERMEDIATE

Pull request build and test plan

Protect the main branch with policies and a pull request build, then create a test plan with shared steps and parameters and run it against the build.

ADVANCED

Extend and integrate TFS

Install and build a simple extension, wire a service hook to a chat channel and script a work item report through the REST API, then rehearse a backup and restore.

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 Foundation Server 2015 levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	5 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 FOUNDATION SERVER 2015 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 Foundation Server 2015 Advanced Training

WHATSAPP · INDIA
+91 99057 40781

WHATSAPP · USA
+1 (469) 756-6329

EMAIL
contact@DevOpsSchool.com