

Day - 1

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| <ul style="list-style-type: none"> • Intro: Functionality overview • Intro: Key Principles of Development • Intro: Important decisions • Architecture: Zabbix components • Architecture: Zabbix proxy overview • Preparations: Network time protocol, Timezone, Firewall, SELinux • Installation: Zabbix: Getting Zabbix • Installation: Zabbix: Requirements • Installation: DB: Database installation • Installation: DB: Zabbix database creation • Installation: Server: Installing Zabbix server from packages • Installation: Server: Command-line utilities • Installation: GUI: Installing Zabbix frontend from packages • Installation: Practical task • Installation: Server, DB, GUI: Trainers demonstration • Zabbix interface: Interface overview • Zabbix interface: User permissions • Zabbix interface: Global search • User profile: General settings • User profile: Color themes • User profile: User media • User profile: Messaging • User profile: Trainer demonstration • Administration: Create a new user • Administration: Practical task • Administration: Trainer demonstration • Definitions: List of terms used in Zabbix • Monitoring: Overview • Monitoring: Workflow | <ul style="list-style-type: none"> • Monitoring: Hosts • Monitoring: Latest data • Monitoring: Latest data - Simple graphs • Monitoring: Latest data - Graphs for multiple elements • Monitoring: Applications • Configuration: Host • Configuration: Host naming • Configuration: Host groups • Configuration: Practical task • Configuration: Trainer demonstration • Data Collection: Items • Data Collection: Item keys • Data Collection: Item units • Data collection: Standard, flexible and scheduled item update intervals • Data collection: Value mapping • Data collection: History and trends • Data collection: Testing items from the frontend • Data collection: Item filters / mass edit • Data Collection: Check now / clear history • Data Collection: Preprocessing • Data Collection: Throttling • Data Collection: Not supported items • Data Collection: Agent-less monitoring • Data Collection: Simple checks • Data Collection: ICMP Checks • Data Collection: Practical task • Data Collection: Trainer demonstration |
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Day - 2

- Agent Installation: Intro
- Agent Installation: Linux
- Agent Installation: Using packages
- Agent Installation: Agent for Windows, MacOS
- Agent Installation: Zabbix agent 2 overview
- Agent Installation: Practical task
- Agent Installation: Trainer demonstration
- Data Collection: Zabbix agent passive checks
- Data Collection: Zabbix agent active checks
- Data Collection: Command-line utilities: zabbix_get
- Data Collection: Practical task
- Data Collection: Trainer demonstration
- Data Collection: Q&A
- Monitoring Windows: Zabbix agent on Windows
- Monitoring Windows: Event logs
- Monitoring Windows: Performance counters
- Monitoring Windows: WMI queries
- Macros: Built-in macros
- Macros: User macros
- Problem detection: Triggers

- Problem detection: Trigger expressions and functions
- Problem detection: Trigger expression constructor
- Problem detection: Trigger expression testing
- Problem detection: Closing and acknowledging problems
- Problem detection: Trigger dependencies
- Problem detection: Advanced problem detection
- Problem detection: Practical task
- Problem detection: Trainer demonstration
- Event tags: Defining custom tags
- Event tags: Multiple tag levels
- Event tags: Use cases
- Templates: Template properties
- Templates: Template linking
- Templates: Multiple template levels
- Templates: Practical task
- Templates: Trainer demonstration
- Data collection: Agent user parameters
- Data collection: Practical task
- Data collection: Trainer demonstration

Day – 3

- Data collection: Zabbix sender
- Data collection: Practical task
- Data collection: SSH checks
- Data collection: Telnet checks
- Data collection: Practical task
- Data collection: HTTP Checks
- Data collection: Practical task
- Data collection: Trainer demonstration
- Dependent items: Definition
- Dependent items: Master item setup
- Dependent items: Dependent item setup
- Dependent items: Practical task
- Dependent items: Trainer demonstration
- Data collection: Calculated checks
- Data collection: Practical task
- Data collection: Aggregate checks
- Data collection: Practical task
- Data collection: SNMP monitoring
- Data collection: SNMP interfaces

- Data collection: SNMP OIDs and MIBs
- Data collection: SNMP command-line utilities
- Data collection: SNMP troubleshooting
- Data collection: SNMP traps
- Data collection: Practical task
- Data collection: Trainer demonstration
- Data collection: Log file monitoring
- Data collection: Log file monitoring item types
- Data collection: Triggers for log monitoring
- Data collection: Advanced log file monitoring
- Data collection: Log monitoring notes
- Data collection: Practical task
- Data collection: Trainer demonstration
- Data collection: Web scenarios
- Data collection: Web scenario steps
- Data collection: Web scenario reports
- Data collection: Web scenario triggers
- Data collection: Practical task
- Data collection: Trainer demonstration

Day – 4

- **Reports: System information**
- **Reports: Availability reports**
- **Reports: Top triggers**
- **Reports: Trainer demonstration**
- **Inventory: Inventory modes**
- **Inventory: Auto collection**
- **Inventory: Overview**
- **Inventory: Details**
- **Inventory: Practical task**
- **Inventory: Trainer demonstration**
- **Notifications: Media types**
- **Notifications: Message templates**
- **Notifications: User media setup**
- **Actions: Functionality**
- **Actions: Conditions**
- **Actions: Operations and steps**
- **Actions: Recovery and update operations**
- **Actions: Escalations**
- **Actions: Using macros**
- **Actions: Troubleshooting**
- **Actions: Practical task**
- **Actions: Trainer demonstration**
- **Actions: Internal actions**
- **Actions: Detection of misconfiguration**
- **Actions: Practical task**
- **Actions: Trainer demonstration**

- **Notifications: Custom media types**
- **Notifications: Practical task**
- **Maintenance: Functionality**
- **Maintenance: Maintenance periods**
- **Maintenance: Host- and trigger-based maintenance**
- **Maintenance: Pause operations during maintenance**
- **Maintenance: Practical task**
- **Maintenance: Trainer demonstration**
- **Business-level monitoring: Services**
- **Business-level monitoring: Parent - child relationships**
- **Business-level monitoring: SLA calculation**
- **Business-level monitoring: Reports**
- **Business-level monitoring: Uptime and Downtime**
- **Business-level monitoring: Practical task**
- **Business-level monitoring: Trainer demonstration**
- **Low-level discovery: Overview**
- **Low-level discovery: Workflow**
- **Low-level discovery: Example**
- **Low-level discovery: Practical task**
- **Low-level discovery: Trainer demonstration**
- **Configuration export: XML import/export**
- **Automation: Network discovery overview**
- **Automation: Autoregistration overview**
- **Automation: Zabbix API overview**
- **Backups: Best practices**

Day – 5

- Zabbix server health: Using templates
- Zabbix server health: Main internal components
- Zabbix server health: Built-in dashboard
- Zabbix server health: Trainer demonstration
- Configuration files: Overview
- Administration: General settings
- Administration: Housekeeping settings
- Administration: Global regular expressions
- Administration: Macros
- Administration: Trigger severities and options
- Administration: Proxies
- Administration: User groups
- Administration: Special user groups
- Administration: Permissions
- Administration: Frontend scripts
- Administration: Audit
- Administration: Action log
- Administration: Queue
- Administration: Practical task
- Administration: Trainer demonstration

- Data visualization: Custom graphs
- Data visualization: Practical task
- Data visualization: Trainer demonstration
- Data visualization: Map constructor
- Data visualization: Icon mapping on maps
- Data visualization: Map hierarchy
- Data visualization: Permissions
- Data visualization: Problem display options
- Data visualization: Trainer demonstration
- Data visualization: Practical task
- Data visualization: Screens
- Data visualization: Slideshows
- Data visualization: Dashboards
- Data visualization: Trainer demonstration
- Data visualization: Practical task
- Discussions: Q&A session
- Course attendance certificate
- Zabbix 5.0 Certified Specialist Exam
- Zabbix 5.0 Certified Specialist Certificate