ot opentext™

OpenText Enterprise Performance Engineering

OpenText™ Enterprise Performance Engineering is a web-based performance testing tool designed for large-scale, distributed testing environments. It enables teams to plan, execute, and monitor multiple performance tests concurrently across various geographic locations.

The platform centralizes resources, shares assets and licenses, and provides robust analytics to optimize application performance before deployment, while simulating real-world conditions. With support for more than 50 protocols and technologies, it facilitates continuous testing and integrates with popular DevOps, cloud, APM and chaos engineering tools.

Product features	Feature benefits	25.3	25.1	24.3	2023 R1	2022 R2
AI-powered assisted scripting (beta)	OpenText™ Aviator™ for scripting in VuGen streamlines the scripting process with AI support before, during, and after script creation. It helps with protocol selection, error fixing, code assistance, optimization, and summarization— saving time and reducing the need for deep scripting expertise. Both new and experienced engineers benefit from its guidance.	✓				
AI-driven data analysis (beta)	Aviator for analysis in OpenText™ Core Performance Engineering Analysis simplifies performance analysis by enabling natural language interaction within the dashboard. It speeds up investigations, boosts productivity, and eases onboarding. Aviator provides clear insights, trends, and anomaly detection, helping teams quickly diagnose issues and move from detection to resolution with actionable guidance.	✓				
Splunk APM support	Option to receive monitoring metrics collected by Splunk and display them in both online and offline graphs and Analysis.	✓				
Observability support, using OpenTelemetry	The integration enables the option to push telemetry data to an OpenTelemetry Collector when running performance tests.	✓				
New online and offline dashboard	The online and offline dashboard was modernized with a new look and feel, and more streamlined functionality.	✓				
Multiple subnets and instance types in AWS Cloud feature	Support for defining multiple subnets and instance types in AWS cloud host templates to address resource shortages in availability zones.	✓				

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LLM protocol	New protocol dedicated to testing applications with embedded LLMs	✓				
Oracle 2-Tier	Added support for Oracle 23ai	✓				
HashiCorp	Added support for HashiCorp vault	✓				
TruClient 2.0	TruClient 2.0 is the evolution of our award-winning browser-based testing solution TruClient, browser decoupled, Linux execution, lower footprint.	✓	✓			
RDP 64 bit	Modernization of the RDP protocol to include 64bit support.	✓	✓			
Winsock 64 bit	Modernization of the Winsock protocol to include 64bit support.	✓	✓			
SAP Web 64 bit	Modernization of the SAP Web protocol to include 64bit support.	✓	✓			
Citrix Updates	Support for LTSR 2402 along with recording improvements	✓	✓			
Oracle protocol updates	Functional enhancements in addition to Oracle 64bit Client support	✓	✓			
Web Protocol LLM Support	Added support in Web protocol for LLM specific functionality and measurements when testing an application that has a LLM built in.	✓	✓			
KMS Support	Added support for AWS Key Management Service (KMS).	✓	✓			
OpenText Performance Engineering for Developers/DevWeb	gRPC client updates and code generation improvements, DevWeb Multi IP (IP Spoofing) IP v6 support, Correlation Rule improvements, Ability to designate specific hosts-filters by preference/requirements when using ScalUP.	✓	✓			
REST API host cloud configurable prefix	Support for REST API host cloud to add configurable prefix for Azure and Amazon host templates.	✓	✓			
REST API host attributes improvements	Support for REST API host attributes and location for the automatch load generators.	✓	✓			
Kubernetes security improvements	Adding an option to configure security contexts runAsGroup and fsgroup for pods in Kubernetes.	✓	✓			
Kubernetes global resources limitations	Option to limit your Kubernetes resources of CPU, memory and pods to reduce your costs and fit in the budget for the project.	✓	✓			

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Datadog monitor	Support of the Datadog monitor to view the collected data in the online and offline test results and in Analysis graphs.	⊘	⊘			
View *.csv file from JMeter scripts	Option to view any *.csv files from JMeter scripts based on the settings done.	⊘	⊘			
Transfer *.jar files to load generators for JMeter scripts	Option to place *.jar and plugins files in the repository, to be transferred to the load generators during the JMeter scripts runs.	⊘	⊘			
.NET 8 upgrade	Using the latest .NET 8 for the application and backend services for better security and functionality.	⊘	⊘			
TruClient 2.0-Web Tech Preview	TruClient 2.0 is the evolution of our award-winning browser-based testing solution TruClient.	⊘	⊘	⊘		
Finance ISO	The Finance ISO protocol enables you to create a virtual user script to monitor financial transactions using the ISO-8583 standard. The protocol provides metrics on the send and receive messages between the server and the client.	⊘	⊘	⊘		
Web HTTP/HTML	Now supports 64-bit for replay, integration of the OpenSSL Cryptographic Next Generation (CNG) Engine for both recording and replay. This provides support for the CNG private key when processing certificates in Windows Certificate Store.	⊘	⊘	⊘		
SAP protocols	Support for SAP client version 8.0, patch 6, and later. Support for SAP GUI protocol recording and replay on 64-bit architecture, in addition to 32-bit.	⊘	⊘	⊘		
Oracle protocols	Support for Oracle Forms 12c. Updated automatic correlation rules for Oracle - Web protocol scripts, and for multi-protocol scripts that include Oracle NCA + web protocols.	⊘	⊘	⊘		
OpenText Performance Engineering for Developers/DevWeb	HTTP/3 is now supported for replay of DevWeb scripts. In OpenText™ Performance Engineering for Developers, you can now use the Offline Script Generator to convert gRPC protobuf (protocol buffer) files into JavaScript functions. The generated functions can be called from DevWeb scripts. DevWeb scripts now support testing for server-sent events (SSE), You can add the new saveResponseBodyToFile option to your web requests, OpenText Performance Engineering for Developers now supports working on a FIPS-enabled environment. It is compliant with the FIPS 140-2 standard, for the protection of sensitive or valuable data.	⊘	⊘	⊘		

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Recorder extension for Chrome	You can now install an OpenText Performance Egineering Web Recorder extension in Chrome to record events for a virtual user script. This allows you to create scripts in cases where the security policy blocks the standard VuGen recorder.	✓	✓	✓		
VuGen- OpenText Core Performance Engineering integration	SSO/browser-based authentication is now supported for the integration between VuGen and OpenText Core Performance Engineering.	✓	✓	✓		
CyberArk integration	This release includes an integration with CyberArk, providing support for use of CyberArk identity security for privileged accounts. A new OpenText performance engineering API enables you to connect to the CyberArk vault and query for passwords.	✓	✓	✓		
Cloud for AWS protocol	VuGen contains a new script designer for creating AWS protocol scripts. Using the script designer, you can generate an SQS script without having to manually insert code.	✓	✓	✓		
.NET+ protocol	Support for .NET 8.	✓	✓	✓		
SAP Web protocol	This release includes additional correlation rules for SAP_NWBC application.	✓	✓	✓		
Chaos engineering	This enables simulated attacks on your services and environments, so that you can integrate chaos and stress testing into your test runs, identify potential failure points, and start working on mitigating them.	✓	✓	✓		
IPv6 communication support	IPv6 is supported for communication with Controllers, load generators, MI Listener, cloud hosts, monitors, external Influx analysis servers, and the database server configuration.	✓	✓	✓		
GitLab Runner plugin	The GitLab integration enables you to design and run performance tests as part of a GitLab continuous integration process.	✓	✓	✓		
GitHub Actions plugin	A GitHub action enables you to design and run performance tests as part of a GitHub continuous integration process.	✓	✓	✓		
AppDynamics SaaS monitor	Added the option to authenticate the user to the monitored AppDynamics SaaS server using an access token in addition to password authentication.	✓	✓	✓		
Change password using REST API	REST APIs are now supported for updating passwords for components and configuration tools. This lets you change passwords more easily, with minimal user intervention.	✓	✓	✓		

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Password policy hardening	Add options to reduce the risk of credential-based attacks, the product built-in authentication.	✓	✓	✓		
FIPS compliance	Support for Federal Information Processing Standards (FIPS) 140-2, for the protection of sensitive or valuable data.	✓	✓	✓		
VTS	VTS now supports LDAPS connection to the domain controller for NTLM authentication.	✓	✓	✓	✓	
Web protocols	Web protocols now support server-side Brotli compression during recording and replay. Brotli compression is accepted automatically when recording. For replay, acceptance is configured in the runtime settings.	✓	✓	✓	✓	
Cloud for AWS	New Cloud for AWS protocol. With this protocol, you can create virtual user scripts to monitor the usage of Amazon Simple Queue Service (SQS). The collected data is available in dedicated graphs in Controller and Analysis.	✓	✓	✓	✓	
SAP GUI	You can now configure the SAP client to remain open after encountering an error during script execution in VuGen. If the SAP client crashes during script replay, you can configure it to relaunch automatically, to enable the continued replay of any remaining iterations in the script.	✓	✓	✓	✓	
OpenText Performance Engineering for Developers/DevWeb	The Multiple IP feature is now supported for DevWeb tests. This feature enables the simulation of multiple virtual users using different IP addresses, originating from a single load generator. VS Code IDE--you can now download a VS Code extension for DevWeb scripts, and install it directly from VS Code. You can then create a DevWeb script in VS Code, with all editing functionality available. gRPC default ports, gRPC communication now automatically uses default ports, when the host port has not been defined.	✓	✓	✓	✓	
VuGen OpenText Enterprise Performance Engineering SSO integration	The integration with OpenText Enterprise Performance Engineering now includes an option to perform SSO login in your default browser.	✓	✓	✓	✓	
DevWeb	DevWeb now supports expanded pacing options.	✓	✓	✓	✓	
Citrix ICA	Record scripts for the Citrix protocol on a Citrix cloud (DaaS) environment, using services installed on Microsoft Azure.	✓	✓	✓	✓	

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DevWeb	DevWeb scripts now include support for bidirectional streaming RPC requests. With this addition, DevWeb now provides full support for gRPC.	✓	✓	✓	✓	
SQLite test results database	The database for storing online and offline messages was moved from Microsoft Access to SQLite.	✓	✓	✓	✓	
Kubernetes probes	Perform health checks on your Kubernetes application and container.	✓	✓	✓	✓	
VUFDs (Virtual User Flex Days)	Run a specified number of virtual users for unlimited number of times within a 24-hour period.	✓	✓	✓	✓	
Create project from existing project	When creating a project from an existing project, you can now include monitors, monitors over a firewall, and analysis templates as part of the copied resources.	✓	✓	✓	✓	
Project Admin role	The Project Admin has permission to assign users to the projects.	✓	✓	✓	✓	
Prometheus monitor	Support of the Prometheus monitor to view the collected data in the online and offline test results and in Analysis graphs.	✓	✓	✓	✓	
Dynamic load balancing	When running performance tests in percentage mode, you can activate smart virtual users allocation. This provides better load balancing for Windows load generators.	✓	✓	✓	✓	
Kubernetes configuration	Option for the Kubernetes orchestrator to modify the configuration settings on image pull policy, timeout, annotations, auto-mount, health probes and many others.	✓	✓	✓	✓	
Azure Files repository	Product repository is supported with Azure Files Share using a UNC path.	✓	✓	✓	✓	
UAC and DEP enabled	Option to install and configure the product with User Account Control (UAC) and Data Execution Prevention (DEP) enabled.	✓	✓	✓	✓	
.NET + Protocol	.NET+ protocol, supporting .NET 6 and above. You can use the new protocol to manually code virtual user scripts for Microsoft .NET client applications created in .NET(Core).	✓	✓	✓	✓	✓
PCoIP Protocol	The Teradici PCoIP protocol is now supported with VMware Horizon 8.	✓	✓	✓	✓	✓
SAP GUI Protocol	You can now enable VuGen to continue replay of SAP GUI protocol scripts even if a logon or connection fails during replay.	✓	✓	✓	✓	✓
Virtual Table Server (VTS)	You can now deploy a Docker container to run VTS.	✓	✓	✓	✓	✓

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DevWeb	(TOTP)Token support in DevWeb scripts. Support for DNS SRV record lookup enabling the balancing of services.	⊘	⊘	⊘	⊘	⊘
Kafka Protocol	VuGen support for recording and replaying Kafka scripts.	⊘	⊘	⊘	⊘	⊘
Azure Key Vault	Microsoft Azure Key Vault integration to fetch the client token and retrieve the secrets data from the Key Vault during replay.	⊘	⊘	⊘	⊘	⊘
System usage data for the host and load generators	A new graph is available for the host and load generator resources, showing the collected data during the scenario run.	⊘	⊘	⊘	⊘	⊘
OpenText Functional Testing-8 encoding for non-English character display	Option to set the load generators to perform automatic conversion of ANSI encoding to OpenText Functional Testing-8. This ensures correct display of non-English characters in transaction names.	⊘	⊘	⊘	⊘	⊘
Silk Performer	Silk Performer scripts support.	⊘	⊘	⊘	⊘	⊘
Citrix Protocol	Support for LTSR 2203. Enhanced API for window management.	⊘	⊘	⊘	⊘	⊘
JMeter	When running Apache JMeter tests, Controller now recognizes .jar file dependencies for the tests and automatically copies them to the load generators for execution.	⊘	⊘	⊘	⊘	⊘
VuGen Integration with OpenText Core Performance Engineering	When connecting to OpenText Core Performance Engineering from VuGen, you can now use your OpenText Core Performance Engineering API access keys to authenticate directly with OpenText Core Performance Engineering, instead of authenticating using a password.	⊘	⊘	⊘	⊘	⊘
Selenium tests	Support for defining service level agreements for Selenium scripts in scenarios.	⊘	⊘	⊘	⊘	⊘
InfluxDB 2.x support	InfluxDB 2.x is provided as part of the host installation.	⊘	⊘	⊘	⊘	⊘
Runtime collation	Runtime collation is now the default option for collating run results. Collating during runtime reduces the time required to gather all data at the end of the test.	⊘	⊘	⊘	⊘	⊘
Service Virtualization	Service Virtualization helps to overcome application dependencies, test component performance early and in isolation, improve quality by simulating extreme performance characteristics, and reduce the cost of test environments.	⊘	⊘	⊘	⊘	⊘

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Azure Insights	The Azure Insights monitor can collect resource metrics from the Azure Application Insights service and show the applicable measurements in the Azure Insights Metrics graph.	✓	✓	✓	✓	✓
Session timeout	Option to configure timeout limits for user sessions in the appsettings.defaults.json configuration file.	✓	✓	✓	✓	✓
Alerts updates	When test hosts become non-operational, an alert notification containing the host name and tenant ID is now sent to specified users if a host becomes non-operational during a Check Host maintenance task.	✓	✓	✓	✓	✓
Edit scripts	Option to create DevWeb, Web - HTTP/HTML, C Vuser, and Java Vuser protocol scripts directly in the loadtest web client without having to use an external tool or installation.	✓	✓	✓	✓	✓
Azure cloud hosts	Option to configure the SKU type for Azure public IP addresses in cloud environment settings and to configure cloud environment settings so that provisioned load generators are automatically assigned to an Azure Load Balancer backend pool.	✓	✓	✓	✓	✓
New REST APIs	Support for retrieving a list of all existing cloud host templates in the project, for retrieving a cloud host template by the specified ID, to get cloud host templates by ID, to create Trend Reports PDF.	✓	✓	✓	✓	✓