

Continuous Monitoring (CM)



Dynatrace is a software-intelligence monitoring platform that simplifies enterprise cloud complexity and accelerates digital transformation. With Davis (the Dynatrace AI causation engine) and complete automation, the Dynatrace all-in-one platform provides answers, not just data, about the performance of your applications, their underlying infrastructure, and the experience of your end users. Dynatrace is used to modernize and automate enterprise cloud operations, release higher-quality software faster, and deliver optimum digital experiences to your organization's customers.

Dynatrace seamlessly brings infrastructure and cloud, application performance, and digital experience monitoring into an all-in-one, automated solution that's powered by artificial intelligence. Dynatrace assists in driving performance results by providing development, operations, and business teams with a shared platform, metrics. In this way, Dynatrace can serve as your organization's single "source of truth."

Dynatrace capabilities

Dynatrace provides the following capabilities for monitoring and analyzing the performance of all aspects of your application environment.

- Real User Monitoring
- Mobile app monitoring
- Server-side service monitoring
- Network, process, and host monitoring
- Cloud and virtual machine monitoring
- Container monitoring
- Root-cause analysis

To learn more go to [Dynatrace](#)

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Splunk is a software platform used for monitoring, searching, analyzing, and visualizing machine-generated data in real-time. It performs capturing, indexing, and correlating the real-time data in a searchable container and produces graphs, alerts, dashboards, and visualizations. Splunk provides access to data over the whole organization for easy diagnostics and solutions to various business problems.

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How does Splunk works?

Splunk is a distributed system that ingests, processes and indexes log data. Splunk processes data in three stages:

- **Data Input** – Splunk ingests the raw data stream from the source, breaks it into 64K blocks, and adds metadata keys, including hostname, source, character encoding, and the index the data should be stored in.
- **Data Storage** – Splunk parses log data, by breaking it into lines, identifying timestamps, creating individual events and annotating them with metadata keys. It then transforms event data using transformation rules defined by the operator. Finally, Splunk writes the parsed events to disk, pointing to them from an index file which enables fast search across huge data volumes.
- **Data Search** – at this stage Splunk enables users to query, view and use the event data. Based on the user's reporting needs, it creates objects like reports, dashboards and alerts.

To learn more go to [Splunk](#)

Types of Monitoring possible (WIP)

Type	Description	Platform
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[How-To Articles](#)



[Resources](#)

How to Access

- [Dynatrace Sandbox login page](#)
- [Dynatrace Example Dashboard](#)

Agent	OneAgent is Installed on the Application servers, it automatically Injects the Java Snippet and starts tracing the Data flows and monitors the important Process and Services of the Application	Dynatrace
Agentless	We inject the Code Snippet through HTML Web pages, we do not install the Agent here. The Injected code starts capturing the End user Experience of the Customer and sends it to the Dynatrace Server	Dynatrace
Synthetic	Synthetic is used for checking the Application URL login used cases , to understand how the website is performing from different locations and to check the availability of the url	Dynatrace
Logs	Monitoring of Application Logs/System logs for Errors and other details. Splunk is useful for Log Analysis and Log Monitoring . Splunk works through an Agent which ingests the log data from Application server to Splunk Forwarders. From the Forwarders the data is ingested to Splunk Indexer	Splunk

Type of Monitoring Possible by Application Platform (AbbVie context) - WIP

Application Platform	Agent (Dynatrace)	Agentless (Dynatrace)	Synthetic (Dynatrace)	Logs (Splunk)			
SalesForce.com	N/A	Yes	Yes	N/A			
AEM	N/A	Yes	Yes	N/A			
AbbVieCare	N/A	Yes	Yes	N/A			

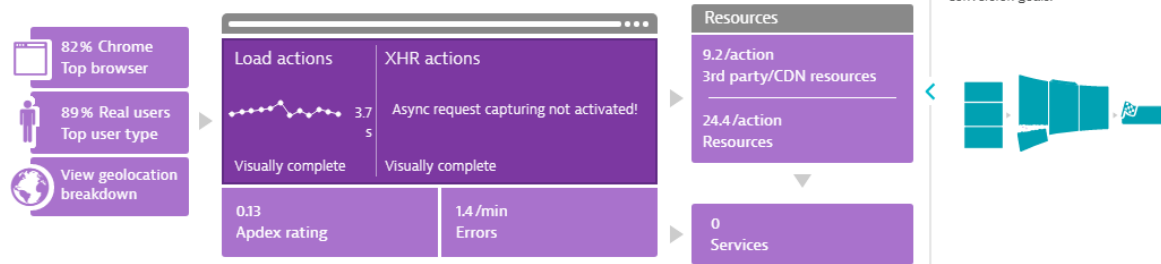
Dynatrace Agentless Monitoring Solution :

User Sessions	Time taken by User browsing the Application web pages	
User Name		
Location		
Web pages		

Dynatrace User sessions Screenshot :

Performance analysis

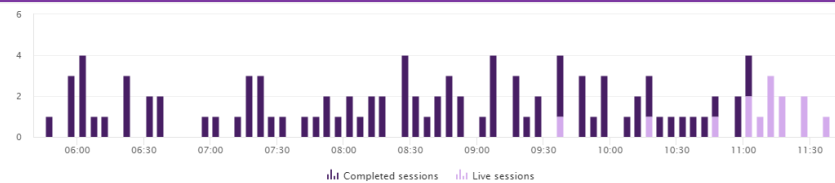
Actions /min, Action duration, Apex rating, errors, 3rd party providers and Services.



User behavior

Active sessions, Actions per session, Entry/Exit actions, Bounce rate, and Conversion goals.

User sessions



Showing last 50 of 83 users with 104 user sessions (including 14 live sessions)

Type	User	Location	Avg. actions / session	Avg. session duration	Total session count	Live sessions	Session with errors
Anonymous	(1624841664130U4U6DQ6T19QOHMB540IHVP0NP5858897)	Australia, New South Wales, Sydney	22.67	39min 51s	3	-	3
Anonymous	(1626748026476PEC588KTPPSIHP1A1ATJN9CIDMO42JIR)	Australia, New South Wales, Sydney	3.00	34s	3	-	3
Anonymous	(1625612337096GC1EG49PCPH17PORV6N6T04QRN8EUCD)	Australia, New South Wales, Sydney	25.00	1h 4min 35s	3	1	3
Anonymous	(1626998400024IBPRUV1LRM9CLRL6NFCB30570CACVB6R)	United States	1.00	< 1 s	2	-	2
Anonymous	(1627007238366DUJC157O355J43Q55SHAF86A123QRDOD)	Australia, New South Wales, Aberglasslyn	2.00	48s	2	-	2
Anonymous	(1625612404282RTR6IPFN7009OTU9A86CHGQEF9P87BF)	Australia, New South Wales, Sydney	51.00	2h 18min 32s	2	1	2

