



Feature Scope Description | PUBLIC
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Feature Scope Description for SAP BTP, Neo Environment

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1 About This Document

Read this document for a high-level summary of the core platform features available for the SAP BTP, Neo environment .

This document describes the **features** that are available in the SAP BTP, Neo environment . The availability of some of them may depend on your license agreement with SAP.

To illustrate integration with other SAP offerings, the **product documentation** on SAP Help Portal might include references to features that are not included with the SAP BTP, Neo environment . Features that are not included in this feature scope description might require a separate license.

i Note

This document does not include any information about:

- **Beta features.** Beta features are described in the documentation on SAP Help Portal.
- **Packages and pricing.** For more information, see [SAP Extension Suite - Pricing](#) and [SAP Integration Suite - Pricing](#).

2 Platform Features

Get a high-level overview about the features and capabilities of the SAP BTP, Neo environment.

The SAP BTP, Neo environment provides comprehensive application development services and capabilities that let you develop new cloud applications, extend existing on-premise and cloud solutions, and integrate applications in the cloud.

i Note

Features of services that are separately licensed are described in the service-specific feature scope descriptions linked from the service pages in the *SAP Discovery Center - Service Catalog*.

For an overview of all available services and their features, see *SAP Discovery Center - Service Catalog*.

The SAP BTP, Neo environment comes with a set of developer and administration tools that enable you to use the following features:

2.1 Account Administration

Use different user interfaces to operate your accounts.

Account Administration

Feature	Description	
Manage your accounts using different user interfaces.	Work with the web-based user interface	Perform account operations using the web-based administration user interface.
	Work with the command-line tool	Perform account operations using the command-line interface.
	Work with APIs	Manage, monitor, and automate account operations using REST APIs.

Feature	Description	
Set up and manage your account model.	Manage with directories and subaccounts	Use subaccounts to deploy applications, use services, and manage your subscriptions. Structure your global account by subaccounts according to organizational and project requirements. Optionally, organize subaccounts into directories to suit technical and business needs.
	Manage deployments across different regions	Choose between different infrastructure providers and regions when creating new subaccounts.
	Organize and filter directories and subaccounts	Label or tag your directories and subaccounts using custom properties according to your own business and technical needs.
Manage entitlements and quotas.	Manage entitlements and quota	Manage the assignments of product entitlements and quotas from your global account to any of your directories and subaccounts.
Manage remote resources.	Manage service provider resources	Connect to provider accounts of a non-SAP cloud vendor and consume remote service resources that you already own, and that are supported.
Manage users.	Manage users on global account, directory, and subaccount level	Add users as account members and manage their authorizations.
Monitor usage information and costs.	Monitor usage and consumption costs	Gather, store, and make usage information available for all services and applications in all regions in a cloud deployment, for the purpose of central analysis, reporting, and license auditing.
	View usage analytics	Explore, compare, and analyze usage information for the services and applications that are available in your global accounts, directories, and subaccounts.
	Work with APIs	Generate reports based on the resource and cost consumption within your accounts using REST APIs.
Manage application subscriptions.	Subscribe to applications	Subscribe your subaccounts to multitenant applications.

2.2 Connectivity, Extensibility, Integration

Facilitate integration with on-premise systems running software from SAP and other vendors.

Connectivity, Extensibility, Integration

Feature	Description
Connectivity between cloud applications and on-premise systems.	Access on-premise systems Easier, faster deployment of hybrid solutions compared to traditional reverse proxy approaches with no firewall configuration changes.
	Choose from multiple supported protocols Access HTTP and RFC protocols for cloud to on-premise communication and JDBC/ODBC for communication with cloud databases.
	Access cloud databases via JDBC/ODBC Access your cloud databases as if they're running locally in your network, using your existing database or replication tools.
	Propagate cloud user identity Enable users to log on to on-premise systems without providing a password, by forwarding their logged-on identity from the cloud.

i Note

For additional and separately licensed integration offerings, see *SAP Discovery Center - Service Catalog*.

2.3 Security

Support the security policies of your organization.

Security

Feature	Description
Manage application authorizations and trusted connections to identity providers.	Use your corporate or a default IdP Enable user management for your applications by handling authentication to an external identity provider. Start with SAP ID service as a pre-configured easy-to-use identity provider. Switch to your corporate identity provider for customized user management.
	Enable role-based access to applications Enable different privileges to users accessing your applications based on roles.

Feature	Description
Manage cryptographic keys and certificates.	<p>Manage keystores Use the service as a repository for keystores. Easily retrieve keystores and use them in various cryptographic operations, such as signing and verifying of digital signatures, encrypting and decrypting messages, and performing SSL communication.</p>
	<p>Enable client certificate authentication Enable the standard authentication method in Java EE using a client certificate.</p>
	<p>Enable strong encryption Use encryption with unlimited strength by installing Java Cryptography Extension (JCE) unlimited strength jurisdiction policy files on SAP JVM.</p>
Protect applications and APIs with OAuth 2.0.	<p>Protection of cloud applications based on the OAuth 2.0 protocol based on the IETF RFC 6749 in the Neo environment</p>
	<p>Enables a user to delegate access to an OAuth resource server without the user having to grant its credentials to the application</p>
	<p>Provides an OAuth API and configuration UIs for managing OAuth clients and scopes</p>
Use your user base from your Identity Authentication tenant for admin tasks.	<p>Access your subaccount. Use your Identity Authentication tenant as an identity provider for accessing your subaccount in the Neo environment. In the cloud cockpit and console client, users will log in using the name and credentials defined in the Identity Authentication tenant.</p>
	<p>Configure your subaccount. Configure security scenarios such as two-factor authentication, integration with an on-premise user store, integration with a social corporate provider, and so on. You enable those scenarios for login using the cloud cockpit or console client.</p>

i Note

For additional and separately licensed security offerings, see *SAP Discovery Center - Service Catalog*.

2.4 Runtimes

Build applications using different runtimes, technologies, and tools.

Feature	Description
Use Java servers as virtualized resources for your applications in the platform.	Manage your Java server size Choose between different sizes of Java servers with a predefined CPU and memory to meet your application's needs.
	Manage application life-cycle Start, stop, scale, and configure Java applications using standard tools, our cockpit and DevOps capabilities.
	Execute Java Web applications Develop and run Java Web applications based on standard JSR APIs, and third-party Java libraries and frameworks that support these standards.
<div style="background-color: #e0e0e0; padding: 5px; border: 1px solid #ccc;"> i Note Separately licensed </div>	Use Apache Tomcat and standard Java APIs Leverage different services and Java APIs. Benefit from the Apache Tomcat runtimes.
	HTML5 Application Runtime Manage and run HTML5 applications Manage and run lightweight HTML5 applications, with simple user experience and secure connection to on premise and on-demand backend services. HTML5 is a service deployed as a Java application running in the SAP BTP, Neo environment.

2.5 Services

The following services are part of the overall SAP BTP contract.

Services

Feature	Description
Store and version source code in Git repositories.	Records differences between versions Only the differences between versions are recorded allowing for a compact storage and efficient transport.
	Cost-effective and simple Create and merge branches supporting a multitude of development styles. Git is widely used and supported by many tools and is highly distributed. A clone of a repository contains the complete version history.
	Operations on local repository clone Perform almost all operations locally and thus very fast and without need to be permanently online. Only required when synchronizing with the Git service.
Debug Java applications	Debug on demand Start and stop debugging without having to restart the application or SAP JVM.
	Debug remotely Debug applications running remotely, even over networks with high latency.

Feature	Description
Activate the Dynatrace Agent for Java applications	Connect Applications to Dynatrace Bind the Java applications in your subaccount to an existing Dynatrace SaaS monitoring environment to monitor your workload.
	Activate Monitoring Data Collection Enable the collection of monitoring data for Java applications running on SAP BTP, including metrics, events, and end-to-end traces, by binding the applications to Dynatrace.
	Configure Application Parameters Prepare your applications for Dynatrace and customize tags or process group IDs of your Java processes using JVM arguments.
<div style="border-left: 2px solid #0070C0; padding-left: 10px; margin-left: 115px;"> <p>i Note</p> <p>You need a license for a Dynatrace SaaS monitoring environment to be able to use this feature.</p> </div>	
Manage the lifecycle of Java applications by using a REST API.	Obtain a CSRF token Use a Lifecycle Management REST API call to obtain a Cross-Site Request Forgery (CSRF) token. This token is obligatory for performing all other REST API calls related to the lifecycle management of Java applications.
	Create applications Use a Lifecycle Management REST API call to create and persist a Java application.
	List applications Use a Lifecycle Management REST API call to get a list with the currently available Java applications.
	Read, update, delete, patch applications Use the corresponding Lifecycle Management REST API call to read, update, delete, or patch a Java application.
	Read or update an application state Use the corresponding Lifecycle Management REST API call to read or update the current state of a Java application.
	List, create, or update binaries Use the corresponding Lifecycle Management REST API call to list, create, or update multiple binaries of a Java application as part of the deployment and redeployment scenarios.
	Read or update the state of a process Use a Lifecycle Management REST API call to read or update the state of a Java application process.
Profile Java applications that run on the cloud platform.	Profile applications Profile Java applications running on a cloud-based SAP JVM.
	Review profiling data Review the profiling data using statistics and snapshots.

Feature	Description	
Manage monitoring data and configure alert notifications.	Fetch application metrics	Use the SAP BTP cockpit or the Metrics REST API to get the status of or the metrics from a Java app and its processes, HANA XS app, or HTML5 app.
	Fetch metrics of a database system	Use the SAP BTP cockpit or the Metrics REST API to get the metrics of a selected database system to get information about its health state.
	View history of metrics	Use the SAP BTP cockpit to see the history of metrics for a Java, HTML5, or HANA XS application, or for a database system.
	Register availability checks	Use the SAP BTP cockpit, the console client, or the Checks REST API to retrieve or configure availability checks for Java or SAP HANA XS applications.
	Set Alert Email Channel	Configure e-mail alert notifications for an application or for all applications and database systems in a subaccount.
	Set Alert Webhook Channel	Use SAP BTP cockpit or Alerting Channels REST API to configure an alert webhook channel to receive alert notifications.
	Configure JMX-based checks	Use the SAP BTP cockpit, the console client, or the Checks REST API to retrieve or configure JMX checks for Java applications.
	Perform JMX operations	Use the SAP BTP cockpit to execute operations on JMX MBeans to monitor and manage the performance of the JVM and your Java applications.
	Register custom checks	Use the SAP BTP cockpit or the Checks REST API to retrieve or configure custom HTTP checks for an HTML5 or SAP HANA XS application.
Override thresholds of a default check	Use the Checks REST API to override the thresholds for a default check of a Java application.	
Configure logging and specify log level messages.	Configure loggers for Java applications	Configure loggers through the SAP BTP cockpit or the console client to produce logs for Java applications.
	Configure log level and types of logs	Configure a log level when configuring loggers.
	Configure a log channel	Configure a log channel to receive logs per a subaccount with the Log Channels API.
	Retrieve logs	Retrieve default trace, HTTP access, and garbage collection logs via the console client, SAP BTP cockpit, and Logs API.
	Generate heap and thread dumps	Generate heap and thread dumps to analyze the performance of a Java process via the SAP BTP cockpit.
	Use retention period	Do a postmortem analysis during this period, if needed.

Feature	Description
Deploy, subscribe, and transport solutions using Multitarget applications (MTAs)	Deploying Solutions You provision a Solution by deploying it using a Multitarget Application archive as the Solution carrier. A Solution can be deployed using the cockpit, through the SAP Cloud Platform Command Client, or the Change and Transport System (CTS+) tool.
	Updating Solutions You update your Solution using the cockpit, in order to enhance it with new capabilities or technical improvements. This can also be done using the respective SAP Business Technology Platform Command Client command.
	Monitoring Solutions Via the Solutions view in your subaccount you can monitor the state of the individual components of a given Solution, licenses and subscribers. Monitoring operations can also be executed using SAP Business Technology Platform Command Client commands.
	Deleting Solutions You can remove a Solution using either the cockpit or the SAP Business Technology Platform Command Client. Note that various Solution components that might be interconnected with external resources are not removed.
	Subscribing to Multitenant Solutions You can use a multitenant Solution provided by another subaccount by subscribing to it. You can do so using the Solutions view, if you have been granted an entitlement from the Solution provider.

i Note

Services that are separately licensed are described in the service-specific feature scope descriptions linked from the service pages in the *SAP Discovery Center - Service Catalog*.

For an overview of all available services and their features, see *SAP Discovery Center - Service Catalog*.

3 Product Availability

This section describes the product availability aspects.

Availability Aspect	Description
Platform availability	<ul style="list-style-type: none">• Latency: network latency depends on various factors, no precise information can be provided on a general level• Resilience: system can regain stable state after disruption• Scalability: system responds to peaks in resource requirements <p>For more information on availability, see SAP Trust Center > Agreements > Cloud Services Agreements > Service Level Agreement for SAP Cloud Services.</p>
Regions	SAP BTP is hosted in different regions. For information on the availability of SAP BTP services according to region and infrastructure provider, see SAP Discovery Center .
Infrastructures	SAP BTP, Neo environment runs in SAP regions.
Languages	<p>The central web-based administration user interface for SAP BTP is available in the following languages:</p> <ul style="list-style-type: none">• Chinese• English• Japanese• Korean <p>For language availability of other user interfaces refer to the respective detailed feature scope description.</p> <p>The related documentation on SAP Help Portal is available in the following languages:</p> <ul style="list-style-type: none">• Chinese• English• Japanese
Accessibility	<p>SAP BTP provides accessibility support in its administration and development tools, and the customer documentation. This includes:</p> <ul style="list-style-type: none">• High-contrast black theme for the administration UI• Texts and information• UI elements via attributes and element IDs• Orientation and navigation throughout the UI• User interaction

For more information, see [SAP Trust Center](#).

4 Compliance and Security

SAP BTP environments ensure cloud security at multiple levels.

Certificates and Reports

SAP BTP environments regularly undergo audits and reviews of its policies and controls.

- For the complete list of compliance and security standards that the cloud platform is compliant with, see [▶ SAP Trust Center ▶ Compliance ▶](#) and search for *SAP Business Technology Platform ISO*.
- For the complete list of Service Organizational Control (SOC) audit reports available for the cloud platform, see [▶ SAP Trust Center ▶ Compliance ▶](#) and search for *SAP Business Technology Platform SOC*.

Regions

To learn how SAP data centers are built, operated, and secured, see [▶ SAP Trust Center ▶ Data Center ▶](#).

Data Protection

SAP BTP environments follow SAP's global data protection and privacy guidelines. For more information on the guidelines, see [▶ SAP Trust Center ▶ Privacy ▶](#).

To access the Personal Data Processing policy for your region, see [▶ SAP Trust Center ▶ Agreements ▶ Data processing agreement ▶](#).

5 Service Level Agreement

The Service Level Agreement (SLA) is a contract between SAP and its customers that forms the basis of your contractual relationship with SAP when referenced in specific order forms.

- The **order form** is the ordering document to subscribe to cloud services from SAP. It defines the commercial terms and lays out the agreement structure. The order form also incorporates several other documents that relate to the SLA.
See [Sample Order Form](#).
- The **Service Level Agreement for SAP Cloud Services** applies to any cloud service on the SAP price list, defining downtime, credits, update windows, and others.
See [Service Level Agreement for SAP Cloud Services](#).
- The **SAP Business Technology Platform Supplement** overrides the Service Level Agreement for SAP Cloud Services in case of deviations and specifies the SLA for SAP Business Technology Platform in general.
For more information, see [SAP Business Technology Platform Supplement](#).
- The **SAP Business Technology Platform Service Description Guide** provides information on cloud services from SAP, including any deviations to the SLA for a specific service.
For more information, see [SAP Business Technology Platform Service Description Guide](#).

Additionally, the **General Terms and Conditions for SAP Cloud Services** warrants the SLA and provides the available remedy if SAP fails to meet its SLA. For more information, see [General Terms and Conditions for SAP Cloud Services](#).

Maintenance Windows and Major Upgrade Windows

The maintenance and major upgrade windows are defined in the Service Level Agreement for SAP Cloud Services. SAP may update these windows from time to time in accordance with the Agreement.

The following windows apply:

Maintenance Windows				Major Upgrade Windows				
MENA	APJ	Europe	Americas	Frequency	MENA	APJ	Europe	Americas
Zero down-time	Zero down-time	Zero down-time	Zero down-time	Up to 4 times per year		FRI 2 pm (UTC) (4 hrs)	FRI 10 pm (UTC) (4 hrs)	SAT 4 am (UTC) (4 hrs)

For the latest information, see [Maintenance Windows and Major Upgrade Windows for SAP Cloud Services](#) and search for your service.

6 Browser Support

Overview of the browser support

For UIs of the platform itself, such as the web-based administration user interface for SAP BTP, the following browsers are supported on Microsoft Windows PCs and, where mentioned below, on macOS:



Browser	Versions
Google Chrome	Latest version
Mozilla Firefox	Extended Support Release (ESR) and latest version
Microsoft Edge (chromium-based)	Latest Current Branch for Business
Safari	Latest two versions (for macOS only)

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SAP supports a culture of diversity and inclusion. Whenever possible, we use unbiased language in our documentation to refer to people of all cultures, ethnicities, genders, and abilities.

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