

## What's New for Oracle Blockchain Platform

Here's an overview of the new features and enhancements that were recently added to Oracle Blockchain Platform Enterprise Edition. This document is organized by the date a specific feature or capability became available.

### Topics

- [Release 19.3.5 - December 2020](#)
- [Release 19.3.4 - March 2020](#)
- [Release 19.3.3 - November 2019](#)

### Release 19.3.5 - December 2020

Feature	Description
Fine-grained access control sample	Oracle Blockchain Platform now provides a new version of the marbles sample on the Developer Tools tab of the console. This sample includes a library of functions that chaincode developers can use to create access control lists for chaincode functions. See <a href="#">Using the Fine-Grained Access Control Library</a> .
Block validation utility	Block validation can be run from a REST API endpoint. It: <ul style="list-style-type: none"><li>• Parses local blockchain ledger files.</li><li>• Verifies the integrity and data format.</li><li>• Collects statistics such as block size, number of transactions, etc.</li></ul> See <a href="#">Block Validation REST API</a> .

### Release 19.3.4 - March 2020

Feature	Description
Added support for Microsoft Active Directory and Oracle Internet Directory as authentication servers	<p>Previously user authentication was only supported via a built-in or external OpenLDAP server.</p> <p>Starting in this release, Microsoft Active Directory or Oracle Internet Directory can be used for authentication.</p> <p>See Configure an Authentication Server.</p>

## Release 19.3.3 - November 2019

Feature	Description
Improved and simplified logging	<p>Access to log messages from all components in an Oracle Blockchain Platform instance are now available in real time.</p> <p>Additionally Blockchain Platform Manager access information is now available in logs.</p> <p>See Logging</p>
Perform instance lifecycle tasks from Blockchain Platform Manager	<p>All Blockchain instance lifecycle activities (such as starting or stopping the instance) are now available in Blockchain Platform Manager.</p> <p>See Manage Oracle Blockchain Platform</p>

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F20802-03

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